

CONFIDENTIAL

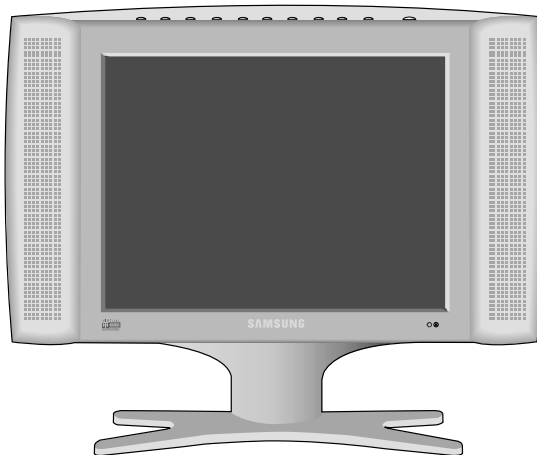
**SAMSUNG**

# TFT-LCD MONITOR

|                |                 |
|----------------|-----------------|
| <b>Chassis</b> | <b>Model</b>    |
| <b>ES15SO</b>  | <b>LS15E23C</b> |
| <b>ES17SO</b>  | <b>LS17E24C</b> |

# ***SERVICE*** Manual

## TFT-LCD MONITOR



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# 1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

## 1-1 Safety Precautions

### 1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

### 1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

### 1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):  
**WARNING: Do not use an isolation transformer during this test.**

Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

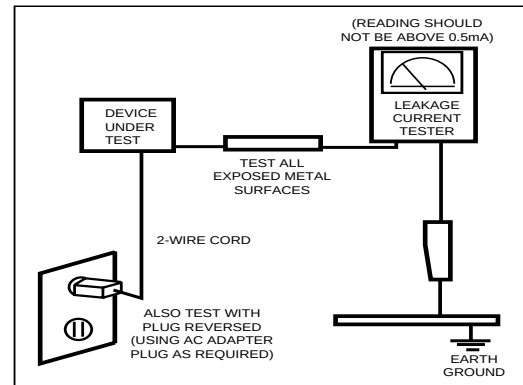


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

### 1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and /or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

## 1-2 Servicing Precautions

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**WARNING:** An electrolytic capacitor installed with the wrong polarity might explode.

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

### 1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
  - (a) remove or reinstall any component or assembly,
  - (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.  
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3 Electrostatically Sensitive Devices (ESD) Precautions

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Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

## 2 Product Specifications

### 2-1 Specifications

| Item                                                     | Description                                                                                                                                                                                                                                                |                                                                                               |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                          | LS15E23C                                                                                                                                                                                                                                                   | LS17E24C                                                                                      |
| LCD Panel                                                | TFT-LCD panel, RGB vertical stripe, normally white, 15-Inch viewable, 0.297 mm pixel pitch                                                                                                                                                                 | TFT-LCD panel, RGB vertical stripe, normally white, 17-Inch viewable, 0.264 mm pixel pitch    |
| Scanning Frequency                                       | Horizontal : 30 KHz ~ 69 KHz (Automatic)<br>Vertical : 56 Hz ~ 75 Hz (Automatic)                                                                                                                                                                           | 30 KHz ~ 81 KHz (Automatic)<br>56 Hz ~ 75 Hz (Automatic)                                      |
| Display Colors                                           | 16.7 Million colors                                                                                                                                                                                                                                        |                                                                                               |
| Maximum Resolution                                       | Horizontal : 1024 Pixels<br>Vertical : 768 Pixels                                                                                                                                                                                                          | 1280 Pixels<br>1024 Pixels                                                                    |
| Input Video Signal                                       | Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated                                                                                                                                                                                   |                                                                                               |
| Input Sync Signal                                        | Type : Separate H/V<br>automatic synchronization without external switch of sync type<br>Level : TTL level                                                                                                                                                 |                                                                                               |
| Maximum Pixel Clock rate                                 | 95 MHz                                                                                                                                                                                                                                                     | 135 MHz                                                                                       |
| Active Display<br>Horizontal/Vertical                    | 304.1 mm / 228.1 mm                                                                                                                                                                                                                                        | 338.1 mm / 270.1 mm                                                                           |
| AC power voltage & Frequency                             | AC 90 ~ 264 Volts, 60 / 50 Hz $\pm$ 3 Hz                                                                                                                                                                                                                   |                                                                                               |
| Power Consumption                                        | 48 W (Max), (2W Power surge)                                                                                                                                                                                                                               | 58 W (Max), (2W Power surge)                                                                  |
| Dimensions<br>Unit (W x D x H)<br>With stand (W x D x H) | 18.6 x 12.4 x 2.0 Inches (474 x 317 x 51 mm)<br>18.6 x 15.6 x 8.0 Inches (474 x 397 x 204 mm)                                                                                                                                                              | 20.8 x 14.4 x 2.2 Inches (530 x 367 x 57 mm)<br>20.8 x 17.6 x 8.0 Inches (530 x 447 x 204 mm) |
| Weight                                                   | 3.97 Kg (8.75 lbs)                                                                                                                                                                                                                                         | 4.95 Kg (10.9 lbs)                                                                            |
| Environmental Considerations                             | Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C)<br>Humidity : 10 % ~ 80 %<br>Storage Temperature : -13 °F ~ 113 °F (-25 °C ~ 45 °C)<br>Humidity : 5 % ~ 95 %                                                                                        |                                                                                               |
| TV System                                                | Tuning                                                                                                                                                                                                                                                     | Frequency Synthesize                                                                          |
|                                                          | Color                                                                                                                                                                                                                                                      | PAL, NTSC, SECAM                                                                              |
|                                                          | Sound                                                                                                                                                                                                                                                      | BTSC, ECJ, KOREA                                                                              |
| Antenna Input                                            | 75 $\Omega$ , Coaxial Cable                                                                                                                                                                                                                                |                                                                                               |
| Sound Characteristic                                     | – MAX internal speaker Out : Right => 3W<br>Left => 3W                                                                                                                                                                                                     | Right => 5W<br>Left => 5W                                                                     |
|                                                          | – BASS Control Range : -12dB ~ + 12dB<br>– TREBLE Control Range : -12dB ~ + 12dB<br>– Headphone Out: RF => 5mW max (400m Vrms)<br>A/V => 10mW max (580 Vrms), Max input sound: -9dBm<br>– Output Frequency : RF => 80 Hz ~ 15 KHz<br>A/V => 80 Hz ~ 20 KHz |                                                                                               |

## 2-2 Pin Assignments

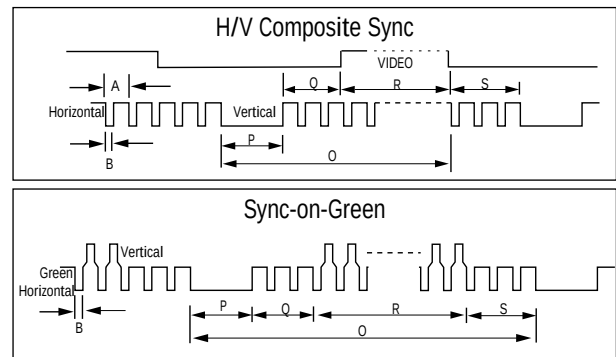
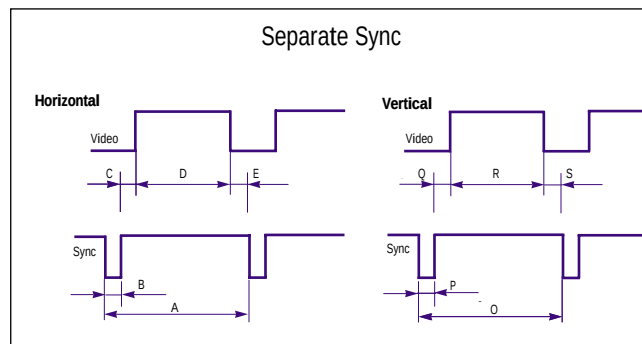
| Pin No. \ Sync Type | Separate H/V        | Composite H/V       | Sync-on-green       |
|---------------------|---------------------|---------------------|---------------------|
| 1                   | Red                 | Red                 | Red                 |
| 2                   | Green               | Green               | Green + H/V Sync.   |
| 3                   | Blue                | Blue                | Blue                |
| 4                   | GND                 | GND                 | GND                 |
| 5                   | GND (DDC Return)    | GND (DDC Return)    | GND (DDC Return)    |
| 6                   | GND-Red             | GND-Red             | GND-Red             |
| 7                   | GND-Green           | GND-Green           | GND-Green           |
| 8                   | GND-Blue            | GND-Blue            | GND-Blue            |
| 9                   | No Connection       | No Connection       | Not Used            |
| 10                  | GND-Sync./Self Test | GND-Sync./Self Test | GND-Sync./Self Test |
| 11                  | GND                 | GND                 | GND                 |
| 12                  | DDC Data            | DDC Data            | DDC Data            |
| 13                  | Horizontal sync.    | H/V-Sync.           | Not Used            |
| 14                  | Vertical sync.      | Not Used            | Not Used            |
| 15                  | DDC Clock           | DDC Clock           | DDC Clock           |

## 2-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

Table 2-1 Timing Chart

| Mode<br><br>Timing | IBM                         |                             | VESA                   |                        |                        |                        |                         |                         |                       |                                      |                                      |
|--------------------|-----------------------------|-----------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-----------------------|--------------------------------------|--------------------------------------|
|                    | VGA2/<br>70 Hz<br>720 x 400 | VGA3/<br>60 Hz<br>640 x 480 | 640/75 Hz<br>640 x 480 | 640/85 Hz<br>640 x 480 | 800/75 Hz<br>800 x 600 | 800/85 Hz<br>800 x 600 | 1024/60Hz<br>1024 x 768 | 1024/75Hz<br>1024 x 768 | 1024/85Hz<br>1024x768 | 1280/76Hz<br>1280x1024<br>(17" Only) | 1280/75Hz<br>1280x1024<br>(17" Only) |
| fH (KHz)           | 31.469                      | 31.469                      | 37.500                 | 43.269                 | 46.875                 | 53.674                 | 48.363                  | 60.023                  | 68.677                | 81.129                               | 79.976                               |
| A $\mu$ sec        | 31.777                      | 31.778                      | 26.667                 | 23.111                 | 21.333                 | 18.631                 | 20.677                  | 16.660                  | 14.561                | 16.640                               | 12.504                               |
| B $\mu$ sec        | 3.813                       | 3.813                       | 2.032                  | 1.556                  | 1.616                  | 1.138                  | 2.092                   | 1.219                   | 1.016                 | 6.400                                | 1.067                                |
| C $\mu$ sec        | 1.589                       | 1.589                       | 3.810                  | 2.222                  | 3.232                  | 2.702                  | 2.462                   | 2.235                   | 2.201                 | 2.880                                | 1.837                                |
| D $\mu$ sec        | 26.058                      | 26.058                      | 20.317                 | 17.778                 | 16.162                 | 14.222                 | 15.754                  | 13.003                  | 10.836                |                                      | 9.481                                |
| E $\mu$ sec        | 0.318                       | 0.318                       | 0.508                  | 1.556                  | 0.323                  | 0.569                  | 0.369                   | 0.203                   | 0.508                 | 3.200                                | 0.119                                |
| fV (Hz)            | 70.087                      | 59.940                      | 75.000                 | 85.008                 | 75.000                 | 85.061                 | 60.004                  | 75.029                  | 84.997                | 76.106                               | 75.025                               |
| O msec             | 14.268                      | 16.683                      | 13.333                 | 11.764                 | 13.333                 | 11.756                 | 16.666                  | 13.328                  | 11.765                | 10.660                               | 13.329                               |
| P msec             | 0.064                       | 0.064                       | 0.080                  | 0.671                  | 0.064                  | 0.056                  | 0.124                   | 0.050                   | 0.044                 | 0.080                                | 0.038                                |
| Q msec             | 0.858                       | 0.794                       | 0.427                  | 0.578                  | 0.448                  | 0.503                  | 0.600                   | 0.466                   | 0.524                 | 3.200                                | 0.475                                |
| R msec             | 13.155                      | 15.761                      | 12.800                 | 11.093                 | 12.800                 | 11.179                 | 15.880                  | 12.795                  | 11.183                |                                      | 12.804                               |
| S msec             | 0.191                       | 0.064                       | 0.027                  | 0.023                  | 0.021                  | 0.019                  | 0.062                   | 0.017                   | 0.015                 | 0.020                                | 0.013                                |
| Clock Freq. (MHz)  | 28.322                      | 25.175                      | 31.500                 | 49.500                 | 49.500                 | 56.250                 | 75.000                  | 78.750                  | 94.500                | 135.000                              | 135.000                              |
| Polarity H.Sync    | Negative                    | Negative                    | Negative               | Negative               | Positive               | Positive               | Negative                | Positive                | Positive              | Negative                             | Positive                             |
| V.Sync             | Positive                    | Negative                    | Negative               | Negative               | Positive               | Positive               | Negative                | Positive                | Positive              | Negative                             | Positive                             |
| Remark             | Separate                    | Separate                    | Separate               | Separate               | Separate               | Separate               | Separate                | Separate                | Separate              | Com.                                 | Separate                             |



A : Line time total

B : Horizontal sync width

O : Frame time total

P : Vertical sync width

C : Back porch

D : Active time

Q : Back porch

R : Active time

E : Front porch

S : Front porch

Memo

## 3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LS15E23C / LS17E24C monitor.

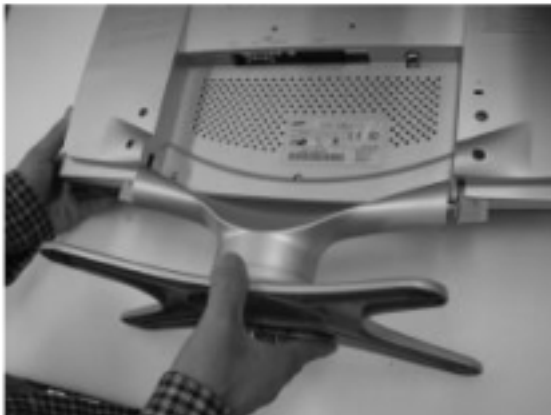
**WARNING:** This monitor contains electrostatically sensitive devices. Use caution when handling these components.

### 3-1 Disassembly

- Cautions:**
1. Disconnect the monitor from the power source before disassembly.
  2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.



1. Remove the 4 screws (Rear Cover + Stand) on the rear cover.



2. Remove the Assy Stand from rear cover.



3. Remove the 3 screws (Rear Cover + Cover Front) on the rear.





4. Lift up the rear cover until it opens completely.

### **3-2 Reassembly**

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Reassembly procedures are in the reverse order of disassembly procedures.

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## **4 Alignments and Adjustments**

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### **4-1 General Alignment Instruction**

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1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.  
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
5. Connect the TV only to an DC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect against shock hazard, use an isolation transformer.

## 4-2 Adjustment Instruction

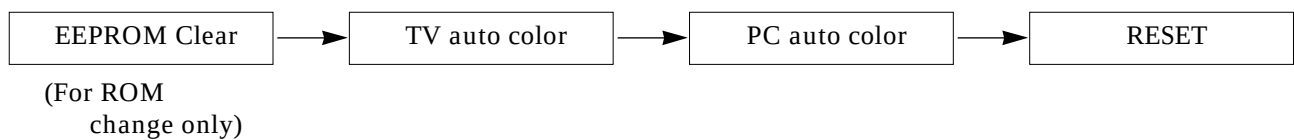
### 4-2-1 Service Mode Screen

1. Adjustment
  - RGB Contrast 24
  - RGB Bright d3
  - R Gain d
  - G Gain d
  - B Gain d
  - FB Gain d
2. Options
  - Help Osd : off
  - TTX List : off
  - High D : on
  - Channel Table
  - Eeprom Clear
3. Auto Color
  - Auto color (PC)
  - Auto color (TV)
4. Reset

### 4-2-2 Service function

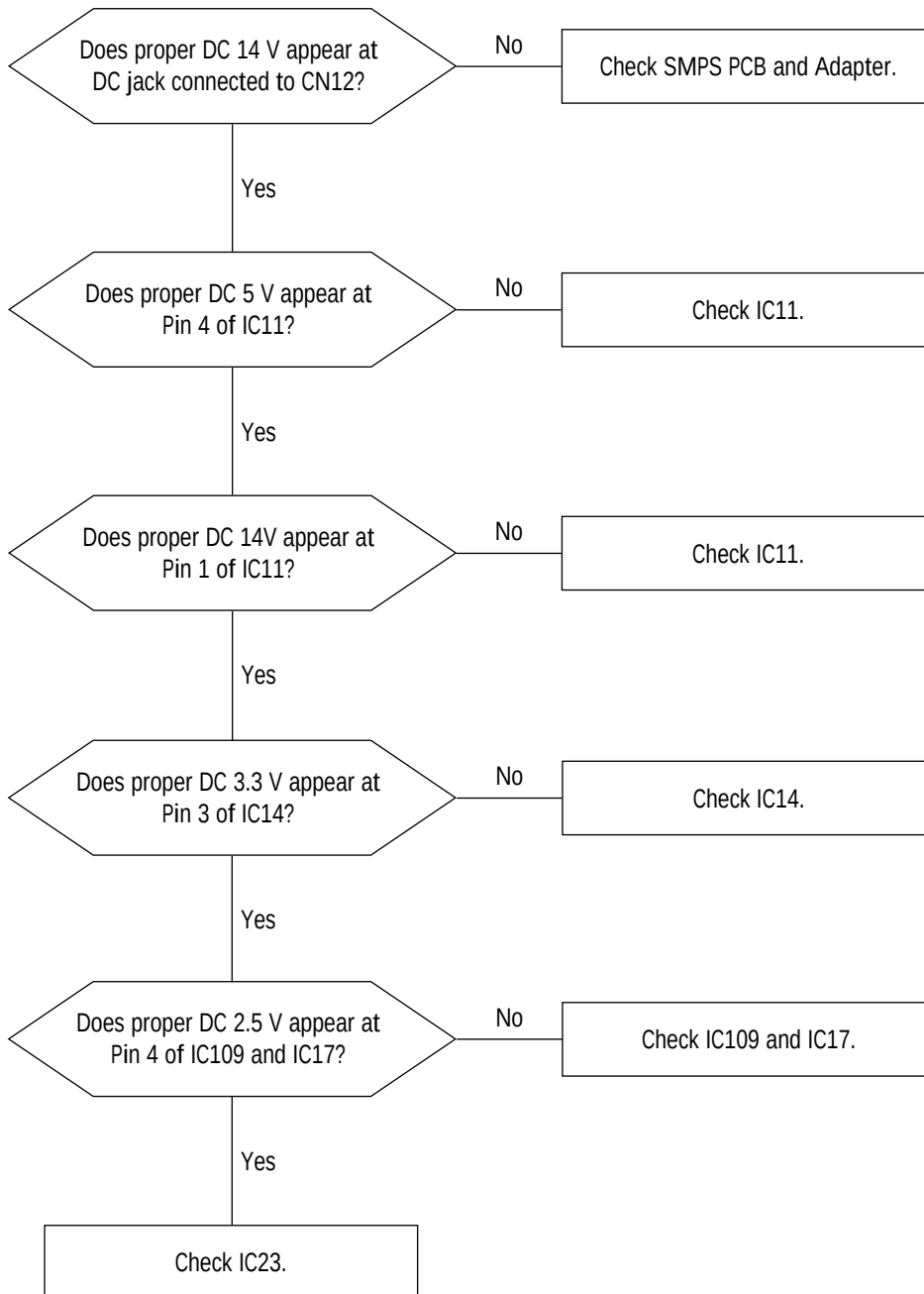
1. EEPROM Clear : Initially executed when replacing OTP.
2. TV Auto Color : Used to adjust TV image color.
3. PC Auto Color : Used to adjust PC image color.
4. Reset : Used after all adjustments.
5. Other functions shown are not service related.

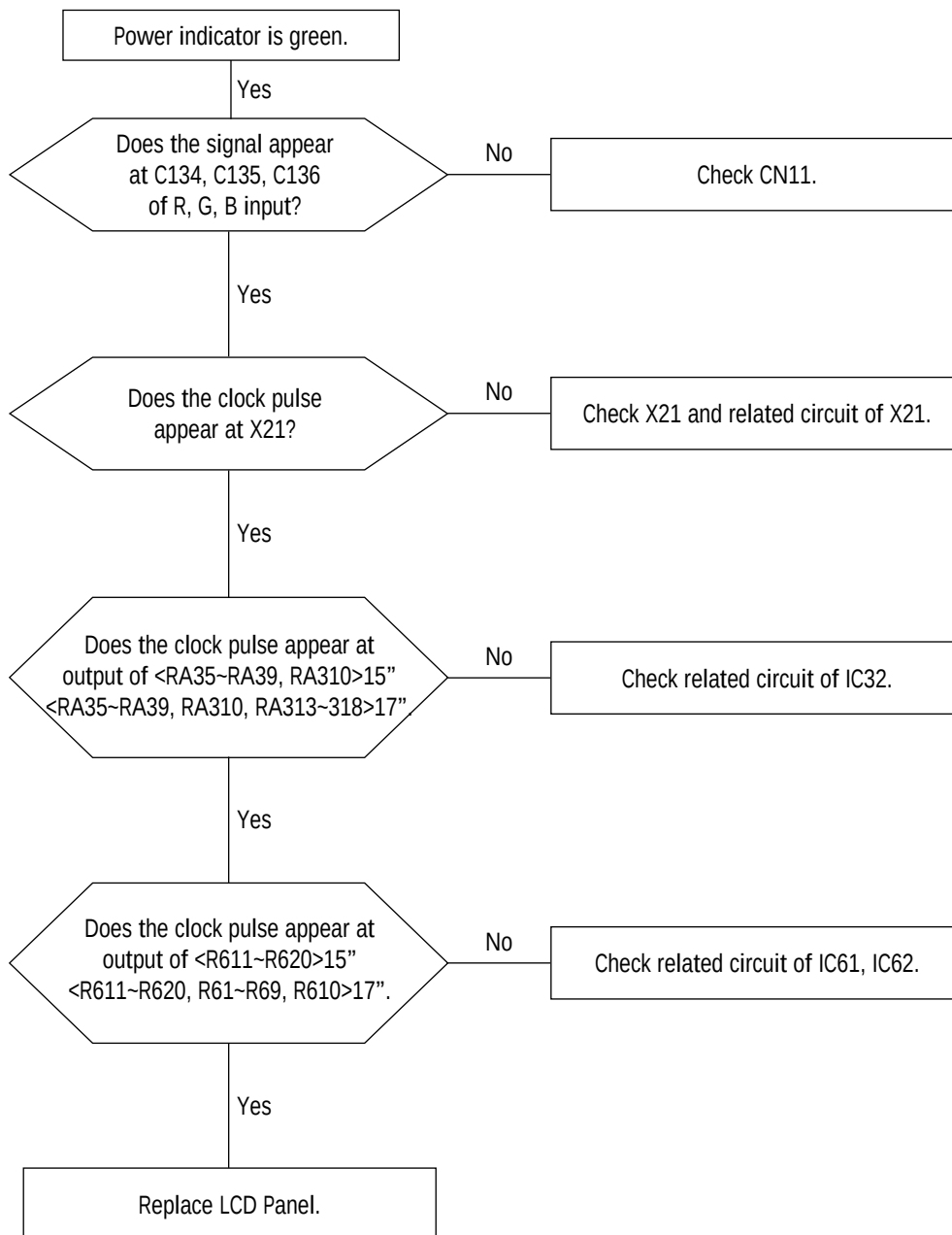
### 4-2-3 Adjustment Sequence for ROM change only

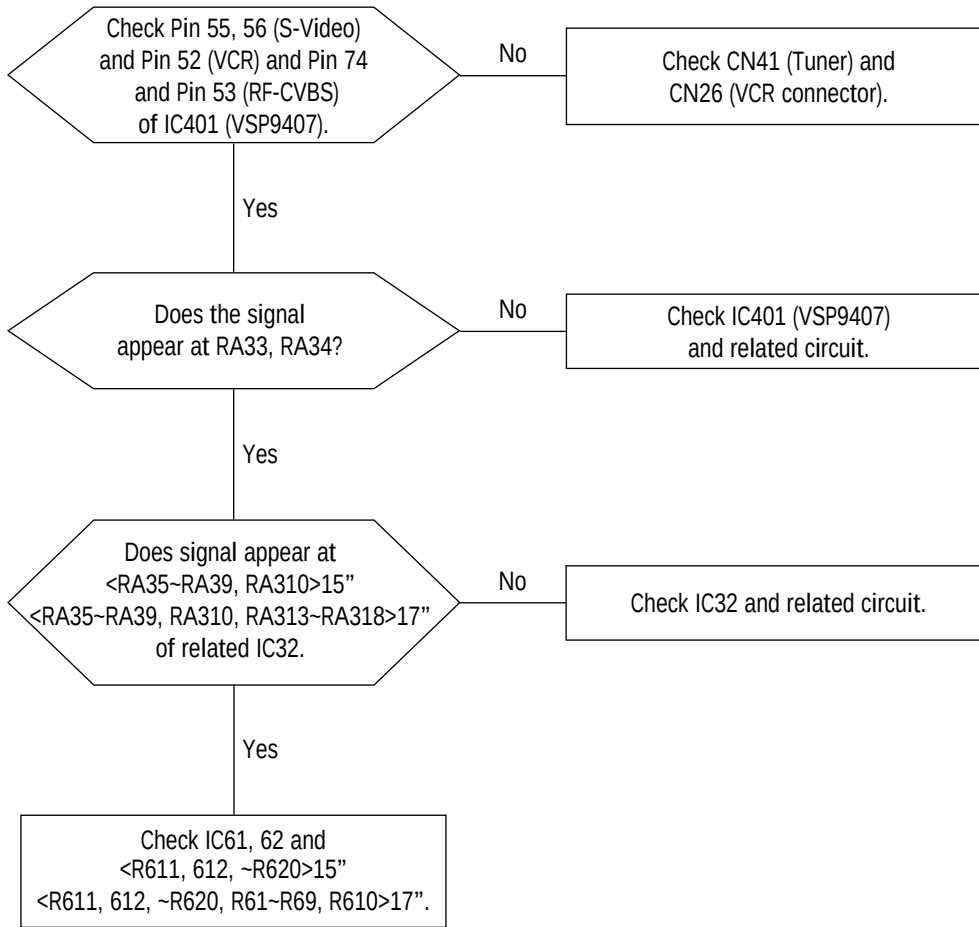


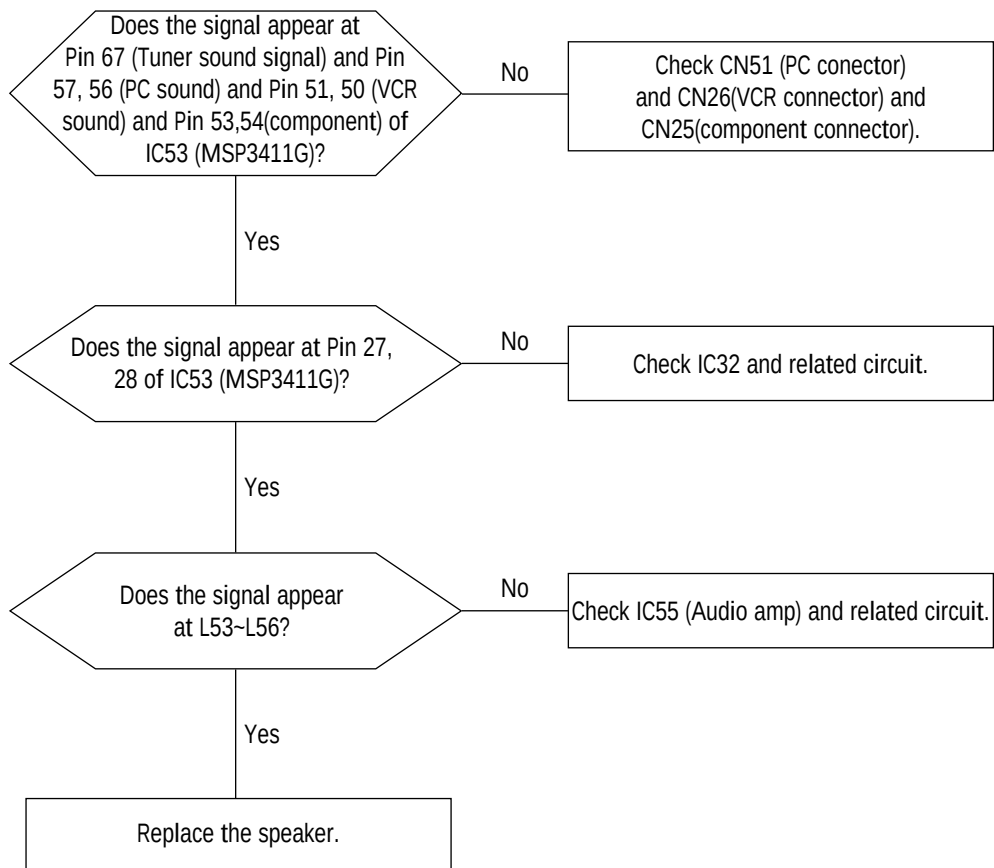
## 5 Troubleshooting

### 5-1 No Power



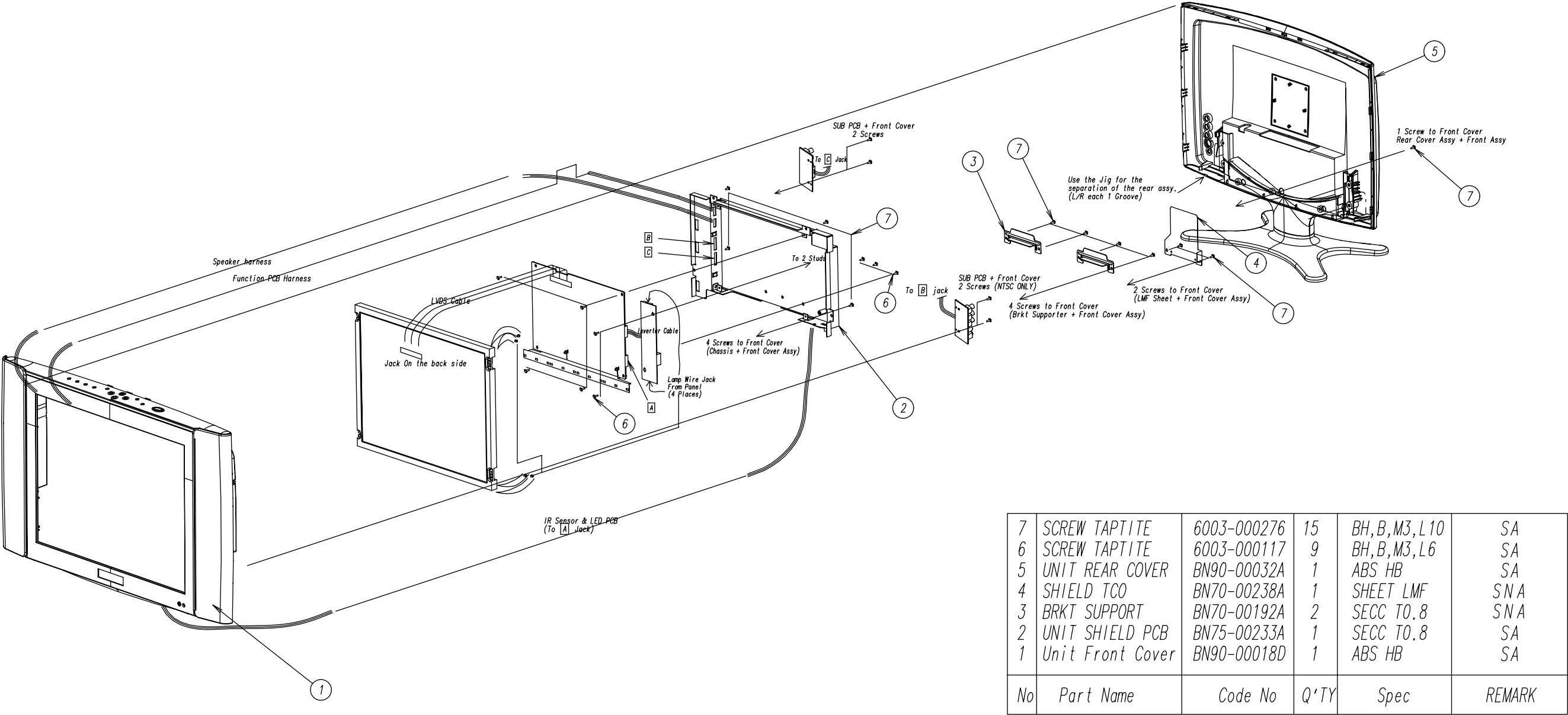
**5-2 No Video (PC Signal)**

**5-3 No Picture (TV, Video, S-Video)**

**5-4 No Sound**

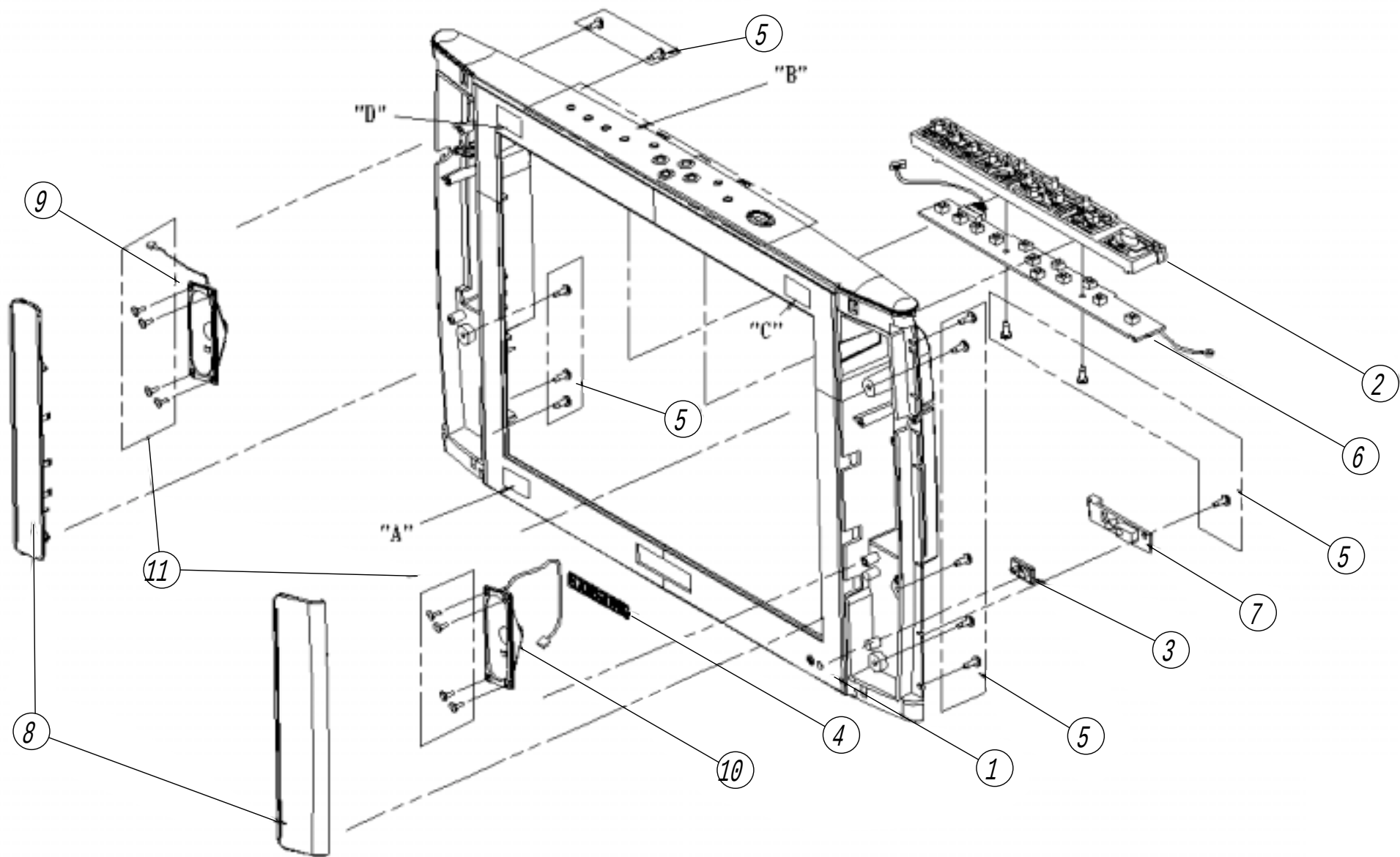
6 Exploded View and Parts List

6-1-1 LS15E23C



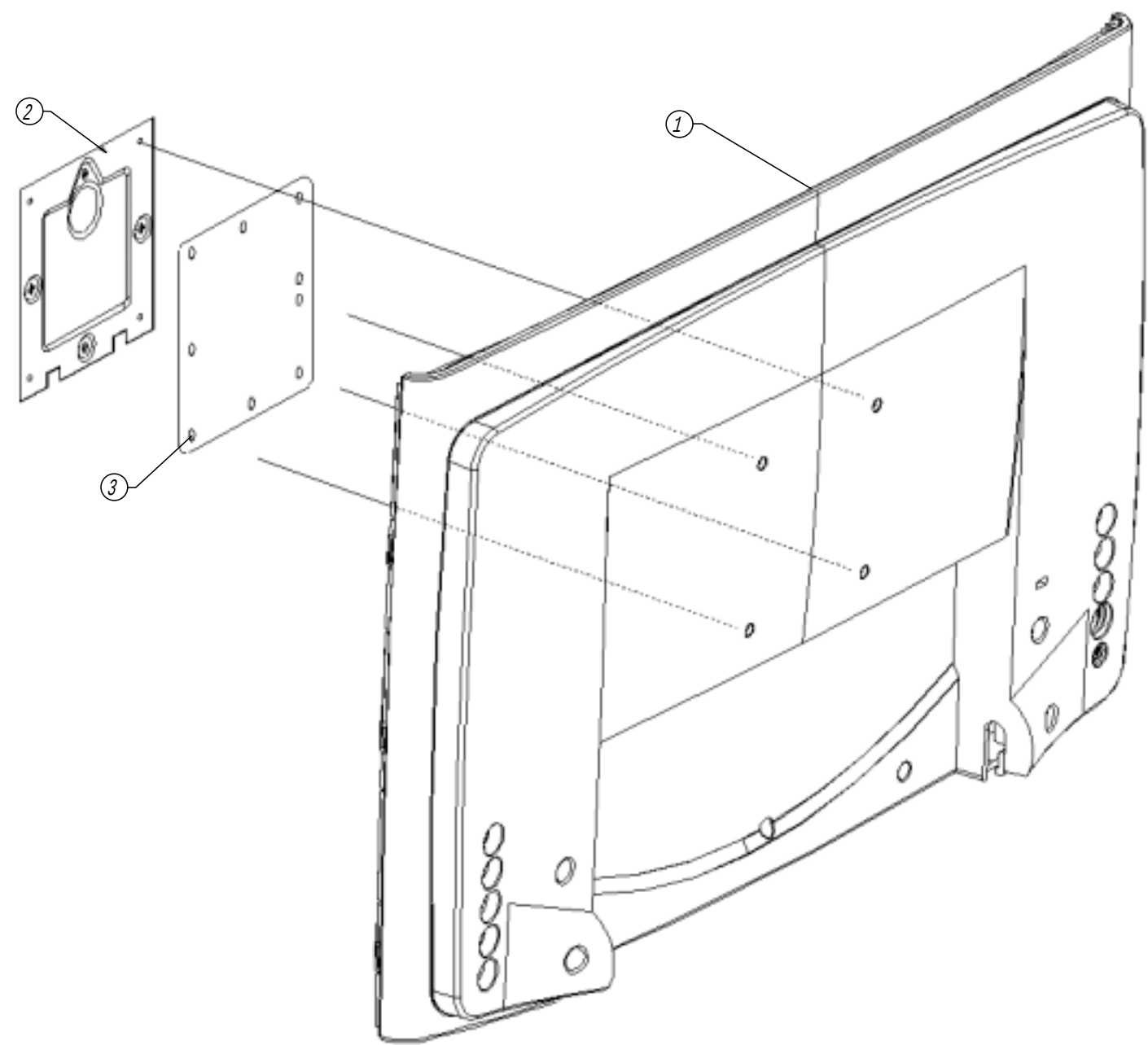


6-1-2 LS15E23C Front



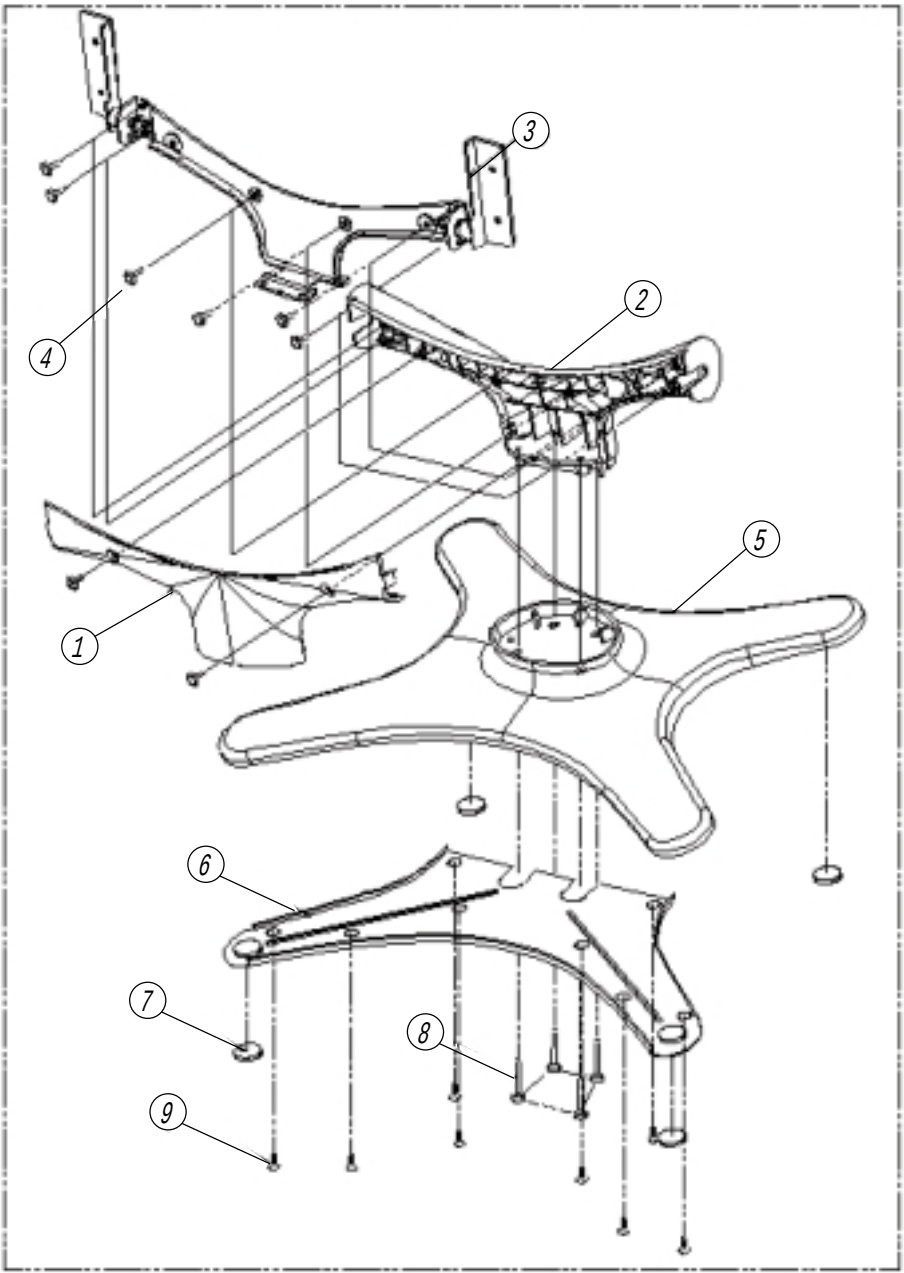
|               |    |                   |             |                           |        |        |
|---------------|----|-------------------|-------------|---------------------------|--------|--------|
| BN90-00018D   | 11 | SCREW-TAPTITE     | 6002-00129  | FH, M3, L8                | 8      | SA     |
|               | 10 | SPEAKER SYSTEM(R) | BN59-00262A |                           | 1      | SA     |
|               | 9  | SPEAKER SYSTEM(L) | BN59-00263A |                           | 1      | SA     |
|               | 8  | GRILL-SPEAKER     | BN64-00039A | ABS HB GR60               | 1(L/R) | SNA    |
|               | 7  | IR SENSOR PCB     | BN59-00216A | REMOCON SENSING PCB       | 1      | SA     |
|               | 6  | FUNCTION PCB      | BN59-00214A | FUNCTION KEY              | 1      | SA     |
|               | 5  | SCREW-TAPTITE     | 6003-000276 | BH, M3, L10               | 13     | SA     |
|               | 4  | LOGO BADGE        | BN64-00031A | AL 40, IX6, 3X1, 4 SILVER | 1      | SNA    |
|               | 3  | LENS LED          | BN67-00020A | PC CLEAR                  | 1      | SA     |
|               | 2  | KNOB-FUNCTION     | BN64-00035A | ABS+PC 5V IV16            | 1      | SNA    |
|               | 1  | COVER-FRONT       | BN72-00258A |                           | 1      | SNA    |
| UNIT CODE NO. | NO | PART NAME         | CODE NO.    | SPECIFICATION             | Q'TY   | REMARK |

6-1-3 LS15E23C Rear



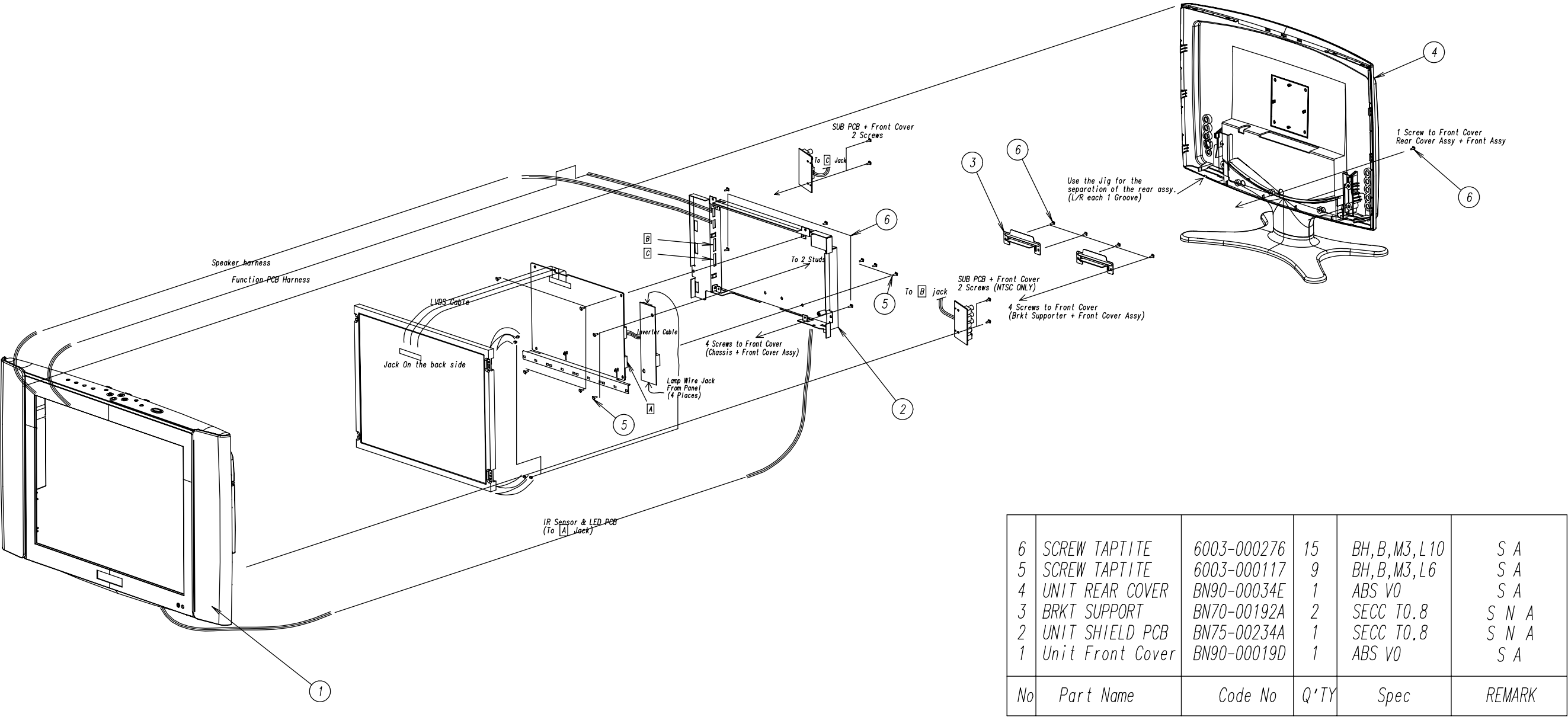
|               |    |                 |             |             |      |        |
|---------------|----|-----------------|-------------|-------------|------|--------|
| BN90-00032E   | 3  | NON-WOVEN CLOTH |             | T1.0(95*95) | 1    | -      |
|               | 2  | PLATE VESA      | BN70-00176A | SECC T0.8   | 1    | SNA    |
|               | 1  | COVER REAR      | BN72-00259B | ABS HB IV16 | 1    | SNA    |
| UNIT CODE NO. | NO | PATR NAME       | CODE NO.    | MATERIAL    | Q'TY | REMARK |

6-1-4 LS15E23C Stand

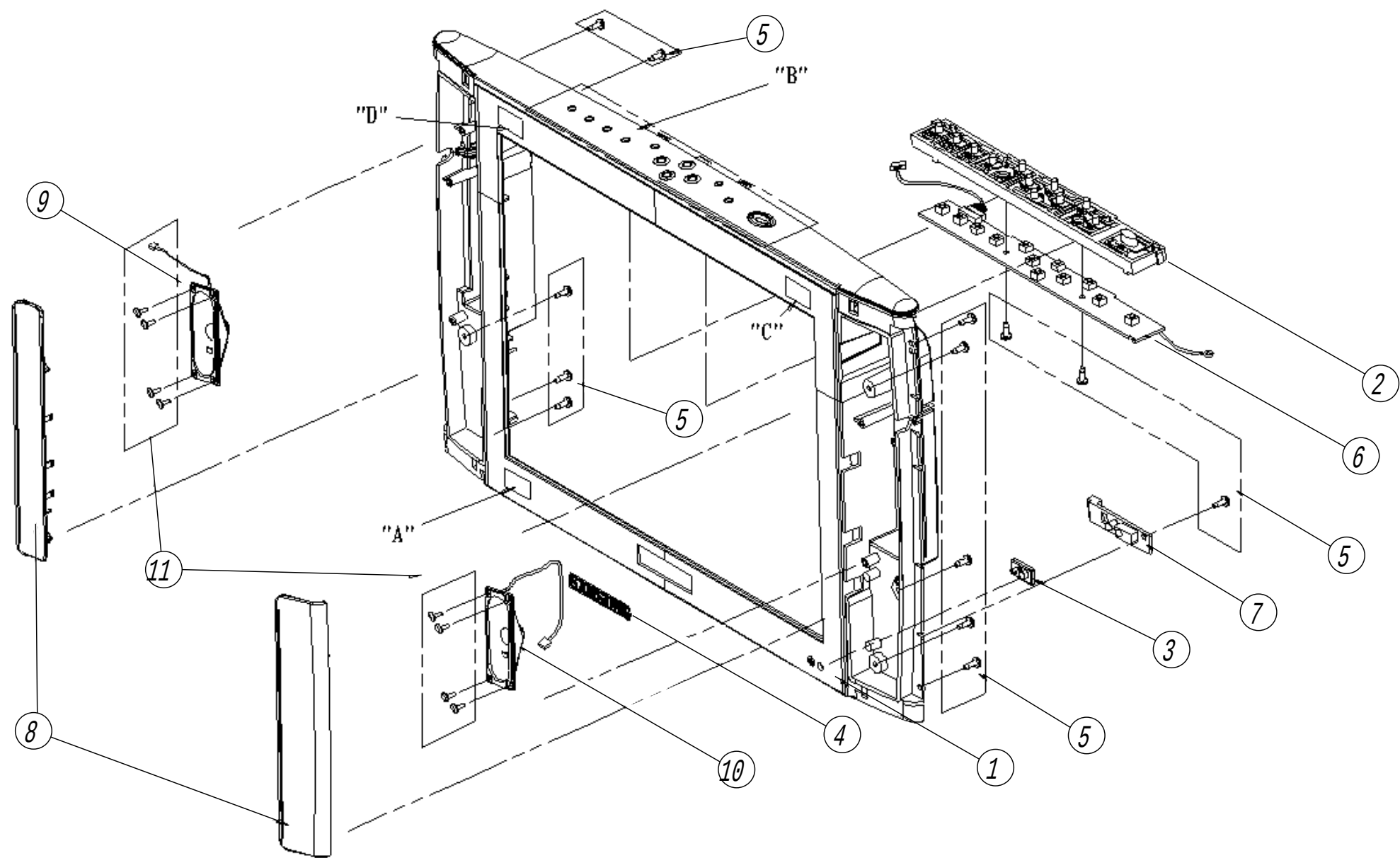


|               |    |                  |             |                          |      |
|---------------|----|------------------|-------------|--------------------------|------|
| BN75-00242A   | 9  | SCREW-TAPTITE    | 6003-001010 | FH,+, B,M3,L6, ZPC(YEL)  | 8    |
|               | 8  | SCREW-TAPTITE    | 6003-001315 | BH,+ M4,L20, ZPC(YEL)    | 4    |
|               | 7  | RUBBER-LEG       | BH73-60339A | SLC1400, EVA, GRAY, 65HB | 4    |
|               | 6  | FRAME STAND BASE | BN61-00159A | SECC,T1, 2               | 1    |
|               | 5  | STAND BASE       | BN61-00184A | ABS+PC, IV16             | 1    |
|               | 4  | SCREW TAPTITE    | 6003-000009 | BH,+, M3, L10            | 8    |
|               | 3  | ASS'Y HINGE      | BN75-00211A | SECC,T2, O               | 1    |
|               | 2  | STAND-REAR       | BN72-00254A | ABS HB IV16              | 1    |
|               | 1  | STAND-FRONT      | BN72-00257A | ABS HB IV16              | 1    |
| UNIT CODE NO. | NO | PART NAME        | CODE NO.    | SPECIFICATION            | Q'TY |

6-2-1 LS17E24C

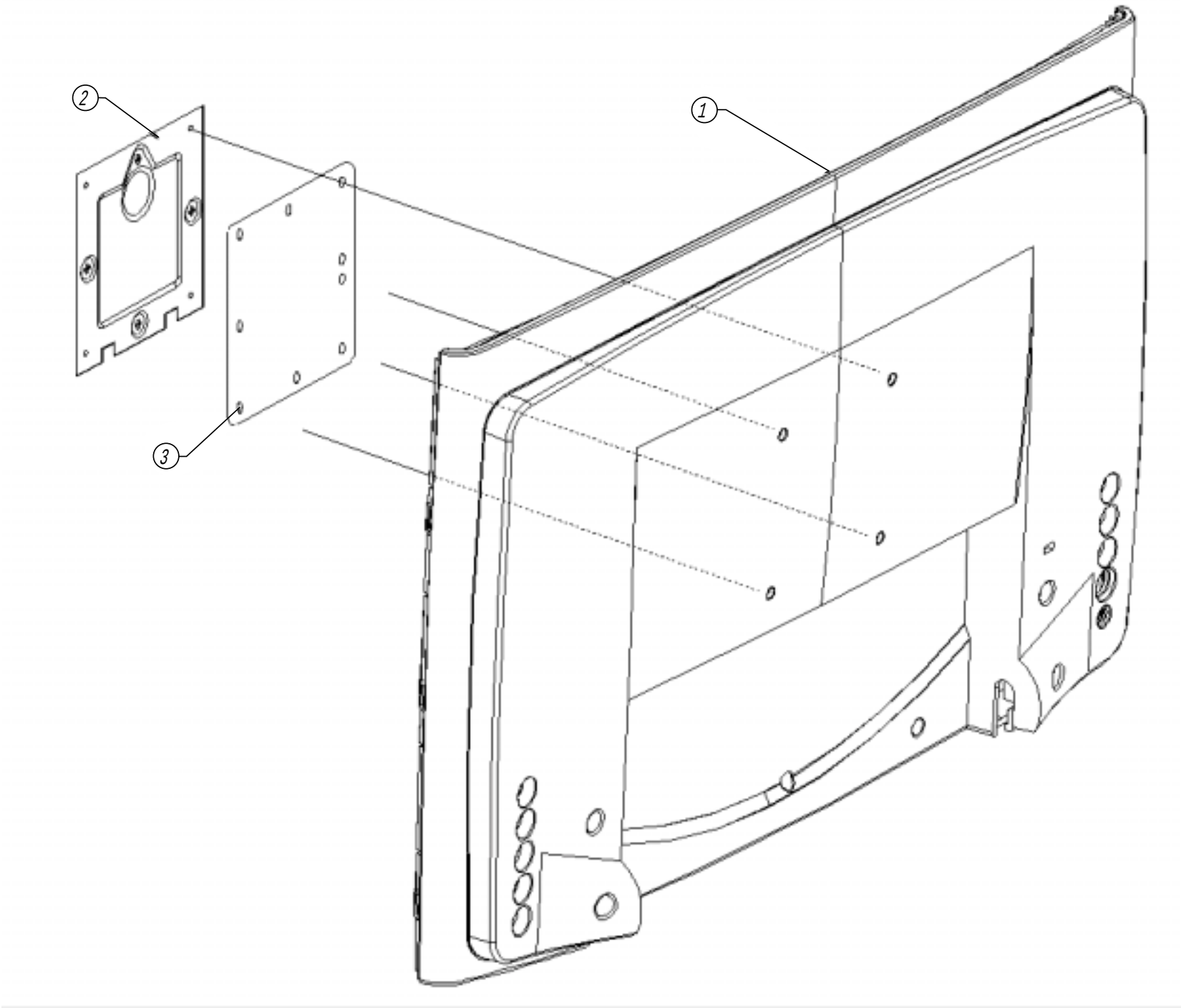


6-2-2 LS17E24C Front



|               |    |                   |             |                           |        |        |
|---------------|----|-------------------|-------------|---------------------------|--------|--------|
| BN90-00019D   | 11 | SCREW-TAPTITE     | 6002-00129  | FH, M3, L8                | 8      | SA     |
|               | 10 | SPEAKER SYSTEM(R) | BN59-00264A |                           | 1      | SA     |
|               | 9  | SPEAKER SYSTEM(L) | BN59-00263A |                           | 1      | SA     |
|               | 8  | GRILL-SPEAKER     | BN63-00092A | ABS HB GR60               | 1(L/R) | SNA    |
|               | 7  | IR SENSOR PCB     | BN59-00216A | REMOCON SENSING PCB       | 1      | SA     |
|               | 6  | FUNCTION PCB      | BN59-00214A | FUNCTION KEY              | 1      | SA     |
|               | 5  | SCREW-TAPTITE     | 6003-000276 | BH, M3, L10               | 13     | SA     |
|               | 4  | LOGO BADGE        | BN64-00031A | AL 40, IX6, 3X1, 4 SILVER | 1      | SNA    |
|               | 3  | LENS LED          | BN67-00020A | PC CLEAR                  | 1      | SA     |
|               | 2  | KNOB-FUNCTION     | BN64-00035A | ABS+PC 5V IV16            | 1      | SNA    |
|               | 1  | COVER-FRONT       | BN63-00090A | ABS V0 IV16               | 1      | SNA    |
| UNIT CODE NO. | NO | PART NAME         | CODE NO.    | SPECIFICATION             | Q'TY   | REMARK |

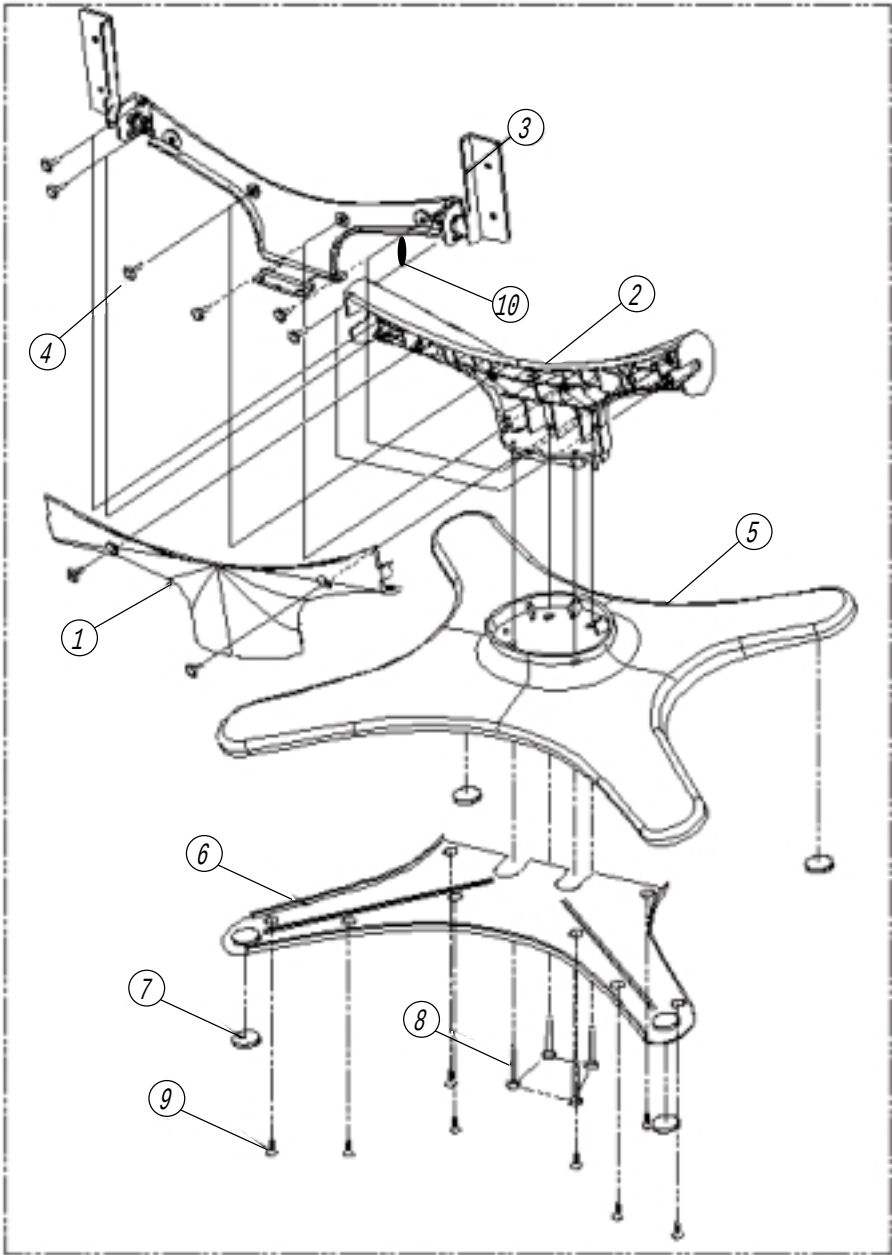
6-2-3 LS17E24C Rear



|               |    |                 |             |             |      |        |
|---------------|----|-----------------|-------------|-------------|------|--------|
| BN90-00034E   | 3  | NON-WOVEN CLOTH |             | T1.0(95*95) | 1    | -      |
|               | 2  | PLATE VESA      | BN70-00176A | SECC T0.8   | 1    | SNA    |
|               | 1  | COVER REAR      | BN63-00091B | ABS VO IV16 | 1    | SNA    |
| UNIT CODE NO. | NO | PART NAME       | CODE NO.    | MATERIAL    | Q'TY | REMARK |



6-2-4 LS17E24C Stand



|               |    |                  |             |                          |      |
|---------------|----|------------------|-------------|--------------------------|------|
| BN96-00204A   | 10 | STICKER          | -           | BLUE, CIRCLE             | 1    |
|               | 9  | SCREW-TAPTITE    | 6003-001010 | FH,+, B,M3,L6, ZPC(YEL)  | 9    |
|               | 8  | SCREW-TAPTITE    | 6003-001315 | BH,+ M4, L20, ZPC(YEL)   | 4    |
|               | 7  | RUBBER-LEG       | BH73-60339A | SLC1400, EVA, GRAY, 65HB | 4    |
|               | 6  | FRAME STAND BASE | BN61-00266A | SECC,T1 , 2              | 1    |
|               | 5  | STAND BASE       | BN61-00184A | ABS+PC, IV16             | 1    |
|               | 4  | SCREW TAPTITE    | 6003-000009 | BH, +, M4, L16           | 8    |
|               | 3  | ASS'Y HINGE      | BN75-00211A | SECC,T2, O               | 1    |
|               | 2  | STAND-REAR       | BN72-00254A | ABS HB IV16              | 1    |
|               | 1  | STAND-FRONT      | BN72-00257A | ABS HB IV16              | 1    |
| UNIT CODE NO. | NO | PART NAME        | CODE NO.    | SPECIFICATION            | Q'TY |

|             |         |                   |                                                                                  |     |
|-------------|---------|-------------------|----------------------------------------------------------------------------------|-----|
| BN90-00421A | -       | ASSY STAND        | ES17*                                                                            | SNA |
| 6001-000154 | STD+C/R | SCREW-MACHINE     | BH,+,M4,L8,NI PLT,SWRCH18A,FP,-                                                  |     |
| BN96-00204A | STD     | ASSY STAND P      | EOS/NIKE17",SILVER SPRAY                                                         | SNA |
| 6003-000009 | STD     | SCREW-TAPTITE     | BH,+,B,M4,L16,ZPC(YEL),SWRCH18                                                   | SNA |
| 6003-001010 | STD     | SCREW-TAPTITE     | FH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   |     |
| 6003-001315 | STD     | SCREW-TAPTITE     | BH,+,B,M4,L20,ZPC(YEL),SWRCH18A                                                  | SNA |
| BH73-60339A | STD     | RUBBER-LEG        | SLC1400,EVA,GRAY,65HB,DIA13*H2                                                   | SNA |
| BN61-00184A | STD     | STAND-BASE        | ES15AS,ABS PC,GR40,SV-012P                                                       | SNA |
| BN61-00266A | STD     | FRAME-STAND BASE  | EOS / NIKE,EGI T1.2                                                              |     |
| BN72-00254A | STD     | STAND-COVER REAR  | EOS 15,ABS,HB,IV16,SPRAY                                                         | SNA |
| BN72-00257A | STD     | STAND FRONT       | EOS 15,ABS,HB,16,SPRAY                                                           | SNA |
| BN75-00211A | STD     | UNIT-HINGE        | EOS15,-,SECC T2.0,-,-,-,-,-                                                      | SNA |
| BN90-00423A | -       | ASSY COVER REAR   | ES17S0                                                                           | SNA |
| BN90-00034E | C/REAR  | ASSY REAR-COVER   | ES17S0(VE),ABS HB,SV-012P,PAL                                                    | SNA |
| BN63-00091A | C/R     | COVER-REAR        | ES17AS,ABS ,-, -, -, HB, -, IV16, NONE, 1.5                                      | SNA |
| BN70-00176A | C/R     | BRACKET VESA      | RB15AS,SECC,1                                                                    | SNA |
| BN90-00453V | -       | ASSY COVER FRONT  | ES17S0                                                                           | SNA |
| 6003-001319 | C/F+C/R | SCREW-TAPTITE     | BH,+,B,M3,L10,NI PLT,SWRCH18A,-                                                  | SNA |
| BN90-00019H | CIS     | ASSY COVER FRONT  | ES17S0(VE),ABS HB ,SPRAY,TANTUS SILK                                             |     |
| 6002-000129 | CIS     | SCREW-TAPPING     | FH,+,2S,M3,L8,ZPC(BLK),SM20C                                                     | SNA |
| 6003-000276 | CIS     | SCREW-TAPTITE     | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN59-00214A | CIS     | BOARD             | CN17VS,FUNCTION KEY,-,-,-,-,-                                                    | SNA |
| BN59-00216A | CIS     | PBA SUB           | CN17VS,IR PBA SUB,-,-,-,-,-                                                      | SNA |
| BN59-00263A | CIS     | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-L,100X42,WIRE:240MM                                        | SNA |
| BN59-00264A | CIS     | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-R,100X42,WIRE:590MM                                        | SNA |
| BN63-00090A | CIS     | COVER-FRONT       | ES17AS,ABS ,-, -, -, HB, -, IV16, NONE, 1.5                                      | SNA |
| BN63-00092A | CIS     | COVER-GRILL       | ES17AS,ABS ,-, -, -, HB, -, IV16, NONE, 1.5                                      | SNA |
| BN64-00031A | CIS     | BADGE-BRAND       | RB15AS,AL,T1.4,6.3,40.1,-,SILIVER,-                                              | SNA |
| BN64-00035A | CIS     | KNOB-FUNCTION     | EOS15,ABS,IV16,-, -, HB, SPRAY, -, -                                             | SNA |
| BN67-00020A | CIS     | LENS-LED          | EOS15,ACRYL,CLEAR,-, -, -, -                                                     |     |
| BN91-00220B | -       | ASSY LCD          | ES17AS                                                                           | SNA |
| BN07-00055A | CIS     | LCD               | LTM170EH-L05,ES17AS,1280*1024,383.5*298*15,16.19M,56,0.264*0.264,0°55,5.0,TN,-   |     |
| BN91-00305C | -       | ASSY MISC-ADAPTOR | ES17AS                                                                           | SNA |
| BN44-00063A | CIS     | ADAPTOR           | AD-4914N,EOS17,100-240VAC,47 - 63 HZ,+14VDC,3.5A,-,49W,-,0 TO +40 C,120*63*31,SA |     |
| BN91-00509A | -       | ASSY CHASSIS      | ES17S0                                                                           |     |
| BN94-00392A | -       | ASSY PCB MAIN     | ES17S0,ES17S0-SXK8/0910                                                          | SNA |
| 0201-001223 | CIS     | ADHESIVE-TS       | HT-130S,RED,700+/- 50,-                                                          | SNA |
| 0202-001044 | CIS     | SOLDER-WIRE.      | S63S-W3.0,S63S,D3,63Sn/37Pb,-                                                    | SNA |
| 0202-001046 | CIS     | SOLDER-WIRE FLUX  | CF-110VH-2A,-, -, -, -                                                           | SNA |
| 0202-001222 | CIS     | SOLDER-WIRE FLUX  | RS-107,RS60-1.2AA,D1.2,SN60/PB40,-                                               | SNA |
| 0204-001095 | CIS     | THINNER           | #4520,-, -, -                                                                    | SNA |
| 1204-001904 | IC42    | IC-PAL DECODER    | SAA5264PS,SDIP,52P,600MIL,PLASTIC,3.6V,-, -,20TO+70C,ST,IC-DECODER               |     |
| 2401-002286 | C115    | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286 | C116    | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286 | U501    | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2701-000146 | L47     | INDUCTOR-AXIAL    | 2.2uH,10%,2.5x3.4mm                                                              |     |
| 2701-000157 | L43     | INDUCTOR-AXIAL    | 220uH,5%,2.5x3.4mm                                                               |     |
| 2701-000177 | L45     | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000177 | L46     | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000210 | L44     | INDUCTOR-AXIAL    | 680uH,10%,3x7mm                                                                  |     |
| 3701-001219 | CN11    | CONNECTOR-DSUB    | 15P,3R,FEMALE,ANGLE,AUF                                                          |     |
| 3711-004270 | CN53    | CONNECTOR-HEADER  | BOX,2P,1R,2MM,ANGLE,SN                                                           | SNA |
| 3711-004386 | CN52    | CONNECTOR-HEADER  | BOX,3P,1R,2mm,ANGLE,SN                                                           | SNA |
| 3722-000117 | CN12    | JACK-DC POWER     | 3P,3.5MM,AG,BLK,NO                                                               | SNA |
| 3722-001055 | CN51    | JACK-PHONE        | 5P/2C,3.6PI,AG,BLK,#16-22                                                        |     |
| 3722-001547 | CN24    | JACK-PIN          | 3P,3.5mm,AU,GRN/BLU/RED,-                                                        |     |
| 3722-001756 | CN25    | JACK-PIN          | 2P,-, -, AU, WHT/RED,-                                                           |     |



|             |                 |                     |                                                                                  |     |
|-------------|-----------------|---------------------|----------------------------------------------------------------------------------|-----|
| 6003-000117 | IN/PCB+SH/PCB   | SCREW-TAPTITE       | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | M/PCB+SH/PCB    | SCREW-TAPTITE       | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | SH/PCB+SH/D_SUB | SCREW-TAPTITE       | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| BN39-00047A | CIS             | CBF-HARNESS         | 100MM,100MM,BLU/WHT/GRY,UL1061,AWG28,51021-1200                                  |     |
| BN39-00134A | CIS             | CBF HARNESS         | RB17AS,UL1571#30,UL/CSA,30P/30P,240MM,BLUE/WHITE,#30,FI-X30X,DF14-30S-1.25C,1250 |     |
| BN39-00217A | CIS             | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,6P,-,-,#28,12505HS-06,51021-0600,BK,-,-,180MM,2835#28,SJ |     |
| BN40-00009A | CN41            | TUNER               | TCPS9091PD27A,PAL,HYPER,38.9MHZ,2.5V,75 OHM,75 OHM,DIN,5V,TR                     |     |
| BN44-00041A | CIS             | INVERTER            | ML17,SIC1803,48KHz,14VDC,1.5mArms,7.2mArms,48KHz,160*45*17,4LAMP,48KHz,-,-       |     |
| BN83-00065A | CIS             | CKD-BN44-00056A     | BN44-00056A,1203-000560                                                          | SNA |
| BN83-00066A | CIS             | CKD-BN44-00056A     | BN44-00056A,1201-000471                                                          | SNA |
| BN83-00067A | CIS             | CKD-BN44-00056A     | BN44-00056A,1202-000104                                                          | SNA |
| BN83-00068A | CIS             | CKD-BN44-00056A     | BN44-00056A,0504-000158                                                          | SNA |
| BN83-00069A | CIS             | CKD-BN44-00056A     | BN44-00056A,0501-000457                                                          | SNA |
| BN83-00070A | CIS             | CKD-BN44-00056A     | BN44-00056A,0504-000129                                                          | SNA |
| BN83-00071A | CIS             | CKD-BN44-00056A     | BN44-00056A,0501-000462                                                          | SNA |
| BN83-00074A | CIS             | CKD-BN44-00056A     | BN44-00056A,0407-000114                                                          | SNA |
| BN83-00076A | CIS             | CKD-BN44-00056A     | BN44-00056A,0407-000122                                                          | SNA |
| BN83-00081A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-000206                                                          | SNA |
| BN83-00082A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-001458                                                          | SNA |
| BN83-00083A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-000455                                                          | SNA |
| BN83-00084A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-000590                                                          | SNA |
| BN83-00085A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-001130                                                          | SNA |
| BN83-00086A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-002793                                                          | SNA |
| BN83-00092A | CIS             | CKD-BN44-00056A     | BN44-00056A,2007-000872                                                          | SNA |
| BN83-00106A | CIS             | CKD-BN44-00056A     | BN44-00056A,2104-000224                                                          | SNA |
| BN83-00108A | CIS             | CKD-BN44-00056A     | BN44-00056A,3601-001038                                                          | SNA |
| BN83-00110A | CIS             | CKD-BN44-00056A     | BN44-00056A,3711-000556                                                          | SNA |
| BN83-00111A | CIS             | CKD-BN44-00056A     | BN44-00056A,3711-004702                                                          | SNA |
| BN83-00264A | CIS             | CKD-0402-000554     | INVERTER                                                                         |     |
| BN83-00265A | CIS             | CKD-0501-002218     | INVERTER                                                                         |     |
| BN83-00266A | CIS             | CKD-0505-001220     | INVERTER                                                                         |     |
| BN83-00267A | CIS             | CKD-0505-001348     | INVERTER                                                                         |     |
| BN83-00268A | CIS             | CKD-2007-000003     | INVERTER                                                                         |     |
| BN83-00269A | CIS             | CKD-2007-000029     | INVERTER                                                                         |     |
| BN83-00270A | CIS             | CKD-2007-000221     | INVERTER                                                                         |     |
| BN83-00271A | CIS             | CKD-2007-000282     | INVERTER                                                                         |     |
| BN83-00272A | CIS             | CKD-2007-000300     | INVERTER                                                                         |     |
| BN83-00273A | CIS             | CKD-2007-000534     | INVERTER                                                                         |     |
| BN83-00274A | CIS             | CKD-2007-000546     | INVERTER                                                                         |     |
| BN83-00275A | CIS             | CKD-2007-000615     | INVERTER                                                                         |     |
| BN83-00276A | CIS             | CKD-2007-000689     | INVERTER                                                                         |     |
| BN83-00277A | CIS             | CKD-2007-000703     | INVERTER                                                                         |     |
| BN83-00278A | CIS             | CKD-2007-000793     | INVERTER                                                                         |     |
| BN83-00279A | CIS             | CKD-2007-000830     | INVERTER                                                                         |     |
| BN83-00280A | CIS             | CKD-2007-000844     | INVERTER                                                                         |     |
| BN83-00281A | CIS             | CKD-2007-000941     | INVERTER                                                                         |     |
| BN83-00282A | CIS             | CKD-2007-001039     | INVERTER                                                                         |     |
| BN83-00283A | CIS             | CKD-2007-001113     | INVERTER                                                                         |     |
| BN83-00284A | CIS             | CKD-2007-001241     | INVERTER                                                                         |     |
| BN83-00285A | CIS             | CKD-2007-001710     | INVERTER                                                                         |     |
| BN83-00286A | CIS             | CKD-2007-002529     | INVERTER                                                                         |     |
| BN83-00287A | CIS             | CKD-2201-002115     | INVERTER                                                                         |     |
| BN83-00288A | CIS             | CKD-2203-002494     | INVERTER                                                                         |     |
| BN83-00289A | CIS             | CKD-2301-001359     | INVERTER                                                                         |     |
| BN83-00291A | CIS             | CKD-2401-003549     | INVERTER                                                                         |     |
| BN83-00293A | CIS             | CKD-LH26-00135A     | INVERTER                                                                         |     |
| BN83-00295A | CIS             | CKD-LH26-00136A     | INVERTER                                                                         |     |
| BN83-00297A | CIS             | CKD-LH27-00145A     | INVERTER                                                                         |     |
| BN83-00299A | CIS             | CKD-LH41-00227A     | INVERTER                                                                         |     |

|             |       |                   |                                                                                        |     |
|-------------|-------|-------------------|----------------------------------------------------------------------------------------|-----|
| BN83-00300A | CIS   | CKD-LH72-00173A   | INVERTER                                                                               |     |
| BN83-00301A | CIS   | CKD-LH93-05016Z   | INVERTER                                                                               |     |
| BN83-00302A | CIS   | CKD-LH93-10009P   | INVERTER                                                                               |     |
| BN83-00303A | CIS   | CKD-LH93-20016M   | INVERTER                                                                               |     |
| BN63-00059A | CIS   | GASKET            | GH17MS, CONDUCTIVE FABRIC, 5MM, 160MM, 17MM, -, -, EMI-GASKET                          | SNA |
| BN63-00121A | CIS   | GASKET            | EOS, CONDUCTIVE FABRIC, 4MM, 30MM, 80MM, GRAY, 71TSSK 30-4-80-13, 71TSSK 30-4-80-13    | SNA |
| BN90-00030C | CIS   | ASSY SHIELD-D-SUB | ES17NS, NTSC, SPTE, T0.5, -, -, -, -                                                   | SNA |
| BN90-00033A | CIS   | ASSY SHIELD-PCB   | ES17AS, PAL, SECC, T0.8, -, -, -, -                                                    | SNA |
| BN97-00164C | -     | ASSY MICOM        | ES17S0                                                                                 |     |
| 1102-001108 | IC22  | IC-EPROM          | 27C020, 256Kx8Bit, PLCC, 32P, 495MIL, 70nS, 5V, 10%, PLASTIC, 0to+70C, 100uA, CMOS, TR |     |
| BN82-00075H | CIS   | A/S MICOM         | ES17S0                                                                                 | SNA |
| BN97-00177A | -     | ASSY SMD          | ES17S0, ES17S0-SXK8/0910                                                               | SNA |
| 0202-001162 | CIS   | SOLDER-CREAM      | RMA-20-21L, S63, -, SN63/PB36.6/AG0.4, FLUX9.5%                                        | SNA |
| 0401-001056 | D15   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0401-001056 | D16   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0401-001056 | D17   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0401-001056 | D41   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0402-000553 | D11   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                              |     |
| 0402-000553 | D12   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                              |     |
| 0403-000579 | D14   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | D210  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | D211  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | D29   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | U525  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-001052 | D21   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D22   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D220  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D23   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D237  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D239  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D55   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001382 | D43   | DIODE-ZENER       | UDZ33B, 32.15-33.79V, 200mW, SOD-323, TP                                               |     |
| 0403-001435 | D18   | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0403-001435 | D238  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0403-001435 | U507  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0403-001435 | U509  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0406-001163 | ZD21  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD22  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD25  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD26  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD27  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD28  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0501-002080 | Q11   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q13   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q14   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q15   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q16   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q21   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q22   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q23   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q24   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q403  | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q41   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q42   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q43   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q44   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0505-001170 | IC111 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                         |     |
| 0505-001170 | IC112 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                         |     |
| 0801-000411 | IC26  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                     |     |

|             |       |                      |                                                                                  |     |
|-------------|-------|----------------------|----------------------------------------------------------------------------------|-----|
| 0801-000411 | IC27  | IC-CMOS LOGIC        | 74HC32,OR GATE,SOP,14P,150MIL,                                                   |     |
| 0801-002268 | IC25  | IC-CMOS LOGIC        | 74VHC139,DECODER,SOP,16P,150MI                                                   |     |
| 0802-001108 | IC28  | IC-BICMOS LOGIC      | 74ABT573,LATCH,TSSOP,20P,173MIL,8,TR,PLASTIC,3-STATE,-,0.55V,-65TO+150C,-,0.8V,5 |     |
| 0803-000117 | IC110 | IC-TTL               | 74F14,INVERTER,SOP,14P,150MIL,                                                   |     |
| 0803-000117 | IC24  | IC-TTL               | 74F14,INVERTER,SOP,14P,150MIL,                                                   |     |
| 0903-001202 | IC23  | IC-MICROCONTROLLER   | 80251G2,8BiT,PLCC,44P,653MIL,24MHZ,TR,CMOS,PLASTIC,5V,1.5W,0to+70C,1KBYTE,-,24Bi | SNA |
| 1103-000138 | IC18  | IC-EEPROM            | 24C16,2Kx8BiT,SOP,8P,150MIL,10                                                   |     |
| 1103-001023 | IC41  | IC-EEPROM            | 524C80D81,1028x8BiT,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP      |     |
| 1103-001164 | IC19  | IC-EEPROM            | 24LC21A,128x8BiT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP          |     |
| 1105-001391 | IC64  | IC-DRAM              | EM638325,2MX32BiT,TSOP(II),86P,400MIL,60NS,3.3V,10%,PLASTIC,0TO+70C,3MA,-,TR     |     |
| 1201-001495 | IC51  | IC-AUDIO AMP         | 7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,-                  |     |
| 1201-001681 | IC55  | IC-AUDIO AMP         | 1101,SOP,30P,433MIL,-,-,PLASTIC,13.2V,-,0to+70C,-,-,-,-,TP                       |     |
| 1203-001109 | IC21  | IC-VOL. DETECTOR     | 7045,SOT-89,3P,-,PLASTIC,4.3/4                                                   |     |
| 1203-001293 | IC14  | IC-POSIFIXED REG.    | 033,T0-252,3P,6.5MIL,PLASTIC,3                                                   |     |
| 1203-001447 | IC16  | IC-POSIFIXED REG.    | 2596,T0-263,5P,-,PLASTIC,3.135                                                   |     |
| 1203-001448 | IC11  | IC-SWITCH VOL. REG.  | 2596,T0-263,5P,-,PLASTIC,4.750                                                   |     |
| 1203-001465 | IC17  | IC-POSIAJUST REG.    | 317,T0-263,3P,-,PLASTIC,1.2/37                                                   |     |
| 1203-001779 | IC54  | IC-POSIFIXED REG.    | 7812,D2PAK,3P,-,PLASTIC,11.5/12.5V,-,-40TO+125CC,1A,-,TP                         |     |
| 1203-001816 | IC52  | IC-POSIFIXED REG.    | 78M08,T0-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP                      |     |
| 1203-002410 | IC109 | IC-POSIAJUST REG.    | KA317MR,D-PAK,3P,240MIL,PLASTIC,40V,-,0TO+125C,0.5A,1.2/1.3V,TP                  |     |
| 1203-002454 | IC13  | IC-VOLTAGE REGULATOR | FAN1117A,T0-252,3P,257MIL,PLASTIC,1.764V/1.836V,-,0TO+125C,1A,1.225/1.275V,TP    |     |
| 1204-001551 | IC31  | IC-VIDEO SYSTEM      | GS1881,S0IC,8P,150MIL,PLASTIC,13.2V,-,0TO+70C,TP,VIDEO SYNC SEPARATOR            |     |
| 1204-001997 | IC401 | IC-DECODER           | VSP9415B-B11,MQFP,80P,14X14MM,PLASTIC,3.47V,1.1W,0TO+70C,TR,OPTIMUS              |     |
| 1204-002007 | IC53  | IC-SOUND PROCESSOR   | MSP3411G-QA-B8,PQFP,80P,20X14MM,PLASTIC,8.7V,1W,0TO+70C,TR,-                     |     |
| 1205-001740 | IC61  | IC-TRANSMITTER       | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS)   |     |
| 1205-001740 | IC62  | IC-TRANSMITTER       | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS)   |     |
| 1205-002028 | IC32  | IC-LCD CONTROLLER    | JAGASM,BGA,388P,208MIL,PALATIC,3.45V,2.5W,-40TO+125C,TR,DIGITAL DISPLAY PRO.     |     |
| 2007-000070 | BD11  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | BD12  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | BD13  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1007 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1009 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1010 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1011 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1012 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1013 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R118  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R119  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R120  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1431 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R19   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R215  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R216  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R217  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R218  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2556 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2557 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2558 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2570 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2584 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R310  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R311  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R312  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R313  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R314  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R315  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R33   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R34   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R35   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |







|             |       |        |                             |
|-------------|-------|--------|-----------------------------|
| 2007-000074 | R530  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R531  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R532  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R533  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R534  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R535  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R536  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R537  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R538  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R982  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R219  | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2552 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2553 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2554 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2555 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R545  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R546  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R15   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R16   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R17   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R18   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R210  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R211  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R212  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R29   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R43   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R44   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R45   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000078 | R1005 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R11   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R21   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R22   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R23   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R24   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R25   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R26   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R27   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R28   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R31   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R32   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R468  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R469  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R471  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R473  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R51   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R415  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R416  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R417  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000081 | R549  | R-CHIP | 2.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R132  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R133  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R135  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R137  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R138  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R239  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R240  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R241  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R242  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R243  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |

|             |       |        |                             |
|-------------|-------|--------|-----------------------------|
| 2007-000084 | R244  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R245  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R246  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R247  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R248  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R249  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R250  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R251  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R252  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R253  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R254  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R2635 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R371  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4551 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4552 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4553 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4554 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4557 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4558 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R459  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R527  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R539  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R550  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R551  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000086 | R548  | R-CHIP | 5.6Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000090 | R139  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R140  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R141  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R142  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R255  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R256  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R257  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R258  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R372  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R373  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R374  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R54   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R540  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R541  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R55   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R56   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R57   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R643  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R116  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R117  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R41   | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R552  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R553  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R445  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R446  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R447  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R448  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R449  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R450  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R451  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R452  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R52   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R53   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R213  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |



|             |       |           |                             |
|-------------|-------|-----------|-----------------------------|
| 2007-000098 | R214  | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R510  | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R511  | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R58   | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R59   | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000102 | R148  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R149  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R150  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R151  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R4532 | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R476  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R542  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R837  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000109 | R547  | R-CHIP    | 1Mohm,5%,1/16W,DA,TP,1608   |
| 2007-000124 | R13   | R-CHIP    | 2.2Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000125 | R1023 | R-CHIP    | 3.9Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1017 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1018 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1019 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R113  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R114  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R115  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000309 | R321  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R322  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R323  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R324  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R325  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R326  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R543  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R544  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000402 | R1020 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1021 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1022 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000616 | R414  | R-CHIP    | 24Kohm,5%,1/16W,DA,TP,1608  |
| 2007-001044 | R475  | R-CHIP    | 56ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R144  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R145  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R146  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R147  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R376  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R381  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R382  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R383  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4535 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4536 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4537 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4538 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4559 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R464  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R467  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R470  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R472  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R474  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R987  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R992  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-007985 | R320  | R-CHIP    | 620Kohm,1%,1/16W,DA,TP,1608 |
| 2011-000002 | RA31  | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA310 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA311 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |

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| 2203-000236 | C228  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C229  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C230  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C231  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C232  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C233  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C234  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C427  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C428  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C4482 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C5253 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C545  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C546  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C547  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C548  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C549  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000236 | C550  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608     |
| 2203-000257 | C154  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C155  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C156  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C157  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C158  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C159  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C160  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C225  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C373  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C374  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C375  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C376  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C383  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C411  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C412  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C413  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C439  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C441  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000257 | C442  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608     |
| 2203-000280 | C430  | C-CERAMIC,CHIP | 0.01nF,0.5pF,50V,NP0,TP,1608 |
| 2203-000384 | C384  | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608   |
| 2203-000440 | C365  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C366  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C367  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C368  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C369  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C370  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C424  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C540  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C541  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C635  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C637  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C638  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C639  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000440 | C640  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-    |
| 2203-000552 | C443  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608    |
| 2203-000552 | C444  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608    |
| 2203-000552 | C53   | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608    |
| 2203-000552 | U518  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608    |
| 2203-000552 | U519  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608    |
| 2203-000626 | C445  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608   |
| 2203-000626 | C446  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608   |

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| 2203-000697 | C125  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C126  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C127  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C32   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C33   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C34   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000701 | C571  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000701 | C572  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000715 | C574  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000715 | C575  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000784 | C223  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C224  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C426  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000903 | C41   | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C525  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C526  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000972 | C43   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C44   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C450  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C451  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C452  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C4845 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C573  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000998 | C431  | C-CERAMIC,CHIP | 0.047nF,5%,50V,NP0,TP,1608      |
| 2203-001077 | C27   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C28   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C522  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C523  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C524  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5251 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5252 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001417 | C210  | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001417 | C29   | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001607 | C570  | C-CERAMIC,CHIP | 0.22nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C449  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C553  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C554  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C555  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-002793 | C414  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-002793 | C576  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-005005 | C372  | C-CERAMIC,CHIP | 100nF,10%,16V,X7R,TP,1608       |
| 2203-005015 | C556  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C557  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C558  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C559  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C560  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C561  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C562  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C563  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C564  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C565  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C566  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C567  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C568  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C569  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005065 | C131  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C132  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C133  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C134  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |

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| 2203-005065 | C135  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C136  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C137  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C138  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C139  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C140  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C141  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C211  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C212  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C213  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C214  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C321  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C35   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C36   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C37   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C415  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C416  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C417  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C418  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C419  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C420  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C47   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C48   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C49   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U520  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U521  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U522  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U523  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U524  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2402-000108 | C317  | C-AL,SMD       | 10uF,20%,16V,WT,TP,4.3x4.3x5.4  |
| 2402-000135 | C65   | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4  |
| 2402-000135 | U527  | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4  |
| 2402-000144 | C3890 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5.4 |
| 2402-000144 | C5244 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5.4 |
| 2402-000170 | C521  | C-AL,SMD       | 1uF,20%,50V,GP,TP,4.3x4.3x5.4   |
| 2402-000176 | C119  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C120  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C121  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C122  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C123  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C21   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C22   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C23   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C31   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3246 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3300 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3390 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3552 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3688 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3782 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C4728 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C5239 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C54   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C55   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C56   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C57   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C61   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C62   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C63   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |

|             |       |              |                                   |
|-------------|-------|--------------|-----------------------------------|
| 2402-000176 | C64   | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U502  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U503  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U528  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U531  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U532  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000179 | C318  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-000179 | C319  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-001006 | C25   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C26   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C314  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C315  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C517  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C518  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C519  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C520  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C777  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C782  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001042 | C110  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C113  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C17   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C18   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C19   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C24   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C4186 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C510  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C511  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C512  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C513  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C514  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C5247 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C58   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C59   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | U526  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001044 | C13   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001044 | C14   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001081 | C11   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001081 | C12   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001086 | C112  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C114  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C15   | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001157 | C515  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C516  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C551  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C552  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2503-001018 | CA31  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA311 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA312 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA313 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA314 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA315 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA32  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA33  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA330 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA34  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA35  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA36  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2703-001070 | U529  | INDUCTOR-SMD | 100uH,10%,4.5x3.2x3.2mm           |
| 2703-001334 | L113  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |

|             |       |                   |                                              |     |
|-------------|-------|-------------------|----------------------------------------------|-----|
| 2703-001334 | L114  | INDUCTOR-SMD      | 1.5uH,10%,2x1.25x0.85mm                      |     |
| 2703-001334 | L115  | INDUCTOR-SMD      | 1.5uH,10%,2x1.25x0.85mm                      |     |
| 2703-001778 | L117  | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L118  | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L31   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L32   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L41   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L42   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L51   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L52   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2801-003667 | X21   | CRYSTAL-SMD       | 14.3182MHZ,50PPM,28-AAN,16,500HM,TP          |     |
| 2801-003773 | U530  | CRYSTAL-SMD       | 12MHZ,30PPM,28-AAN,20PF,500HM,TP             |     |
| 2801-003843 | X51   | CRYSTAL-SMD       | 18.432MHz,30ppm,28-AAN,20pF,50ohm,TP         |     |
| 2801-004004 | X41   | CRYSTAL-SMD       | 20.25MHz,20ppm,28-AAN,13pF,25ohm,TP          |     |
| 2901-001133 | FT31  | FILTER-EMI SMD    | 25V,0.15A,-,33pF,2x1.25x0.8mm,TP             |     |
| 3301-001145 | BD51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT11  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT12  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT13  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT14  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT32  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT52  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT61  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT62  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT63  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT66  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L11   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L12   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L13   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L14   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L15   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L19   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | U504  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001163 | BD109 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD14  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD21  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD210 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD211 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD212 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD213 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD214 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD215 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD216 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD217 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD218 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD219 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD22  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD220 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD221 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD222 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD223 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD224 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD23  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD24  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD25  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD26  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD27  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD28  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |



|             |             |                     |                                                                                                |     |
|-------------|-------------|---------------------|------------------------------------------------------------------------------------------------|-----|
| 3301-001163 | BD29        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | BD41        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | BD42        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | BD43        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | BD44        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | BD52        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | DB21        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3301-001163 | U512        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                                   |     |
| 3704-000250 | IC22 SOCK   | SOCKET- IC          | 32P, PLCC, SN, -                                                                               |     |
| 3711-000556 | CN26        | CONNECTOR-HEADER    | BOX, 12P, 1R, 1.25mm, SMD-A, SN                                                                | SNA |
| 3711-002046 | CN13        | CONNECTOR-HEADER    | 3WALL, 12P, 1R, 1.25mm, SMD-S, SN                                                              | SNA |
| 3711-002049 | CN22        | CONNECTOR-HEADER    | BOX, 6P, 1R, 1.25mm, SMD-A, SN                                                                 | SNA |
| 3711-002049 | CN23        | CONNECTOR-HEADER    | BOX, 6P, 1R, 1.25mm, SMD-A, SN                                                                 | SNA |
| 3711-002127 | CN21        | CONNECTOR-HEADER    | BOX, 8P, 1R, 1.25mm, SMD-A, SN                                                                 | SNA |
| 3711-004070 | CN62        | CONNECTOR-HEADER    | BOX, 30P, 1R, 1.25mm, SMD-A, SN                                                                | SNA |
| BN27-00002A | L111        | COIL-CHOKE (SMD)    | 47uH, 47uH, 20%, 12*12*8mm, 22.5Ts, SMD, -, -, 0.75ohm, -, -, TP                               |     |
| BN27-00007A | L53         | COIL CHOKE-SMD      | DHB0504-100, RB15/17NS, 10UH, ±10%, -, 0.080HM, 1.5A, DR5.8X4.5, 20.5TS, 6.0X5.2X4.5MM, -      |     |
| BN27-00007A | L54         | COIL CHOKE-SMD      | DHB0504-100, RB15/17NS, 10UH, ±10%, -, 0.080HM, 1.5A, DR5.8X4.5, 20.5TS, 6.0X5.2X4.5MM, -      |     |
| BN27-00007A | L55         | COIL CHOKE-SMD      | DHB0504-100, RB15/17NS, 10UH, ±10%, -, 0.080HM, 1.5A, DR5.8X4.5, 20.5TS, 6.0X5.2X4.5MM, -      |     |
| BN27-00007A | L56         | COIL CHOKE-SMD      | DHB0504-100, RB15/17NS, 10UH, ±10%, -, 0.080HM, 1.5A, DR5.8X4.5, 20.5TS, 6.0X5.2X4.5MM, -      |     |
| BN27-20001A | L116        | COIL-CHOKE          | -, 53.0UH, 20%, DR10*5, -, -, -, 0.18ohm, -, -, TRAY                                           |     |
| BN41-00222A | MP1.0       | PCB MAIN            | ES15S0, FR4, 6L, 228X157X1.6, EOS                                                              | SNA |
| BN91-00558B | -           | ASSY SHIELD         | ES17S0                                                                                         | SNA |
| 0203-001160 | CIS         | TAPE-FILAMENT       | SCOTCH#8915, T0.16, W48, L55M, TRP                                                             | SNA |
| 0203-001311 | CIS         | TAPE-CONDUCTOR      | DK-K102-90-50, T0.13, W50, L90, GRAY                                                           | SNA |
| 6003-000276 | C/F+AUD/PCB | SCREW-TAPTITE       | BH, +, B, M3, L10, ZPC(YEL), SWCH10                                                            | SNA |
| 6003-000276 | C/F+B/GUIDE | SCREW-TAPTITE       | BH, +, B, M3, L10, ZPC(YEL), SWCH10                                                            | SNA |
| 6003-000276 | C/F+SH/PCB  | SCREW-TAPTITE       | BH, +, B, M3, L10, ZPC(YEL), SWCH10                                                            | SNA |
| BN39-00202B | CIS         | LEAD CONNECTOR-ASSY | ES17AS, UL2835#28, UL/CSA, 12P, -, -, #28, SMH200-12, 12505HS-12, BK, -, -, 250MM, 2835#28, SJ |     |
| BN59-00215A | CIS         | PBA SUB             | CN17VS, AV PBA FUNCTION, -, -, -, -                                                            |     |
| BN70-00192A | CIS         | BRACKET-SUPPORT     | RB15AS, SECC, 0.8                                                                              | SNA |
| BN92-00285A | -           | ASSY P/MATERIAL     | ES17AS                                                                                         | SNA |
| 0203-001100 | CIS         | TAPE-OPP MASKING    | OPP/W75/CLR, T0.05, W75, L800000, CLR                                                          | SNA |
| BH69-00376D | CIS         | PACKING-PALLET      | ES17AS, WOODEN, -, -, 1232, 1032, 120, -, -, -                                                 | SNA |
| BH69-00457A | CIS         | PACKING-PAD         | GH17, FOAM, T3.0, 1180, 1130                                                                   | SNA |
| BH69-30355E | CIS         | BAG-PE/N            | NK15, PE FOAM, 0.5, 650, 650, NTR                                                              | SNA |
| BH69-40321J | CIS         | PACKING-PAD EDGE    | PN15VT, B400, -, -, W140, L1154, -, -, -, SKD                                                  | SNA |
| BH69-40379A | CIS         | PACKING-WRAP        | LDPE, W500*T0.02, -, -                                                                         | SNA |
| BN68-00129A | CIS         | LABEL SHIPPING      | -, LABEL SHIPPING, ART-PAPER, 100G, -, WHT, BLACK, -, -, -                                     | SNA |
| BN69-00140T | CIS         | PAD-PALLET COVER    | SUN(LSA810), SW, 900, 3760, -, -, -, -                                                         | SNA |
| BN69-00242A | CIS         | CUSHION-R/L         | ES17AS, EPS, -, -, -, -, -, M50                                                                | SNA |
| BN92-00449C | -           | ASSY LABEL          | ES17S0                                                                                         | SNA |
| BN68-00234B | LABEL       | LABEL RATING        | ES17AS, EDC, PE, T0.05, 90, 45, SYNC, -, PE NATURE, -, -                                       | SNA |
| BN92-00651X | -           | ASSY ACCESSORY      | ES15/17S0                                                                                      | SNA |
| BN96-00230X | -           | ASSY ACCESSORY      | ES15/17S0                                                                                      |     |
| 0203-000214 | CIS         | TAPE-OPP MASKING    | OPP/W50/CLR, T0.05, W50, L400000,                                                              | SNA |
| 4301-000121 | CIS         | BATTERY-MN          | 1.5V, -, AAA, 10.5x44.5mm, HOLDER                                                              | SNA |
| 6801-001063 | CIS         | CARD-REGISTRATION   | -, SAMSUNG, ENG+ARAB, MOJO100, -, W720, L120, -, -                                             | SNA |
| BH39-10339H | CIS         | CBF POWER CORD      | DET, H05VV-F, 250V/10, 16A, BLK, 25                                                            |     |
| BH69-30348D | CIS         | BAG-PE              | LDPE, T0.05, W240*L356, Y, -, CMG73                                                            | SNA |
| BN39-00043A | CIS         | CBF SIGNAL          | DETACHABLE, -, 15P/15P, -, -, -                                                                |     |
| BN59-00225C | CIS         | REMOCON             | , TM71, EOS, 40, PAL, TTX                                                                      |     |
| BN68-00266D | CIS         | MANUAL-S/D          | LS15E23CB, LS17E24CB, SAMSUNG, E, E.ASIA, W/P(100G), A5                                        |     |
| BN92-00655H | -           | ASSY BOX            | GG15LS                                                                                         | SNA |
| BH75-10529C | CIS         | UNIT-HANDLE/PACKING | S/M170MP, PE-LD, PE-HD, -, WHITE, -                                                            |     |
| BN72-60001A | CIS         | LEVER TOP           | LSD210TL, PE-LD, WHITE, TFT_LCD                                                                | SNA |
| BN72-60002C | CIS         | LEVER BOTTOM        | S/M170MP, PE-HD, BLUE                                                                          | SNA |
| BN68-00135A | CIS         | LABEL BAR CODE      | -, ALL, MPRII, DOM, ART-PAPER 90G, -, WHT, BLACK, -, -, -                                      | SNA |
| BN69-00267G | CIS         | BOX                 | LW17E24C, ARABIA, CB-SW4, WHT, OFFSET, A-1, L599*W499*H234                                     | SNA |

|                  |               |                   |                                                                                  |     |
|------------------|---------------|-------------------|----------------------------------------------------------------------------------|-----|
| ER-LS17E24CX/XSG | -             | 3                 | SEC,EH-L05 ZPD                                                                   | -   |
| BN90-00421A      | -             | ASSY STAND        | ES17*                                                                            | SNA |
| 6001-000154      | STD+C/R       | SCREW-MACHINE     | BH,+,M4,L8,NI PLT,SWRCH18A,FP,-                                                  |     |
| BN96-00204A      | STD           | ASSY STAND P      | EOS/NIKE17",SILVER SPRAY                                                         | SNA |
| 6003-000009      | STD           | SCREW-TAPTITE     | BH,+,B,M4,L16,ZPC(YEL),SWRCH18                                                   | SNA |
| 6003-001010      | STD           | SCREW-TAPTITE     | FH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   |     |
| 6003-001315      | STD           | SCREW-TAPTITE     | BH,+,B,M4,L20,ZPC(YEL),SWRCH18A                                                  | SNA |
| BH73-60339A      | STD           | RUBBER-LEG        | SLC1400,EVA,GRAY,65HB,DIA13*H2                                                   | SNA |
| BN61-00184A      | STD           | STAND-BASE        | ES15AS,ABS PC,GR40,SV-012P                                                       | SNA |
| BN61-00266A      | STD           | FRAME-STAND BASE  | EOS / NIKE,EGI T1.2                                                              |     |
| BN72-00254A      | STD           | STAND-COVER REAR  | EOS 15,ABS,HB,IV16,SPRAY                                                         | SNA |
| BN72-00257A      | STD           | STAND FRONT       | EOS 15,ABS,HB,16,SPRAY                                                           | SNA |
| BN75-00211A      | STD           | UNIT-HINGE        | EOS15,-,SECC T2.0,-,-,-,-,-                                                      | SNA |
| BN90-00423A      | -             | ASSY COVER REAR   | ES17S0                                                                           | SNA |
| BN90-00034E      | C/REAR        | ASSY REAR-COVER   | ES17S0(VE),ABS HB,SV-012P,PAL                                                    | SNA |
| BN63-00091A      | C/R           | COVER-REAR        | ES17AS,ABS ,-, -, -, HB, -, IV16,NONE,1.5                                        | SNA |
| BN70-00176A      | C/R           | BRACKET VESA      | RB15AS,SECC,1                                                                    | SNA |
| BN90-00453V      | -             | ASSY COVER FRONT  | ES17S0                                                                           | SNA |
| 6003-001319      | C/F+C/R       | SCREW-TAPTITE     | BH,+,B,M3,L10,NI PLT,SWRCH18A,-                                                  | SNA |
| BN90-00019H      | CIS           | ASSY COVER FRONT  | ES17S0(VE),ABS HB ,SPRAY,TANTUS SILK                                             |     |
| 6002-000129      | CIS           | SCREW-TAPPING     | FH,+,2S,M3,L8,ZPC(BLK),SM20C                                                     | SNA |
| 6003-000276      | CIS           | SCREW-TAPTITE     | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN59-00214A      | CIS           | BOARD             | CN17VS,FUNCTION KEY,-,-,-,-,-                                                    | SNA |
| BN59-00216A      | CIS           | PBA SUB           | CN17VS,IR PBA SUB,-,-,-,-,-                                                      | SNA |
| BN59-00263A      | CIS           | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-L,100X42,WIRE:240MM                                        | SNA |
| BN59-00264A      | CIS           | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-R,100X42,WIRE:590MM                                        | SNA |
| BN63-00090A      | CIS           | COVER-FRONT       | ES17AS,ABS ,-, -, -, HB, -, IV16,NONE,1.5                                        | SNA |
| BN63-00092A      | CIS           | COVER-GRILL       | ES17AS,ABS ,-, -, -, HB, -, IV16,NONE,1.5                                        | SNA |
| BN64-00031A      | CIS           | BADGE-BRAND       | RB15AS,AL,T1.4,6.3,40.1,-,SILVER,-                                               | SNA |
| BN64-00035A      | CIS           | KNOB-FUNCTION     | EOS15,ABS,IV16,-, -, HB,SPRAY,-,-                                                | SNA |
| BN67-00020A      | CIS           | LENS-LED          | EOS15,ACRYL,CLEAR,-,-,-,-,-                                                      |     |
| BN91-00305C      | -             | ASSY MISC-ADAPTOR | ES17AS                                                                           | SNA |
| BN44-00063A      | CIS           | ADAPTOR           | AD-4914N,EOS17,100-240VAC,47 - 63 HZ,+14VDC,3.5A,-,49W,-,0 TO +40 C,120*63*31,SA |     |
| BN91-00311Z      | -             | ASSY LCD          | LT17E2                                                                           | SNA |
| BN07-00083A      | CIS           | LCD               | LTM170EH-L05,ES17AS,1280*1024,383.5*298*15,16.19M,56,0.264*0.264,0°55,5.0,TN,-   |     |
| BN91-00509A      | -             | ASSY CHASSIS      | ES17S0                                                                           |     |
| BN94-00392A      | -             | ASSY PCB MAIN     | ES17S0,ES17S0-SXK8/0910                                                          | SNA |
| 0201-001223      | CIS           | ADHESIVE-TS       | HT-130S,RED,700+/- 50,-                                                          | SNA |
| 0202-001044      | CIS           | SOLDER-WIRE.      | S63S-W3.0,S63S,D3,63Sn/37Pb,-                                                    | SNA |
| 0202-001046      | CIS           | SOLDER-WIRE FLUX  | CF-110VH-2A,-,-,-,-                                                              | SNA |
| 0202-001222      | CIS           | SOLDER-WIRE FLUX  | RS-107,RS60-1.2AA,D1.2,SN60/PB40,-                                               | SNA |
| 0204-001095      | CIS           | THINNER           | #4520,-,-,-                                                                      | SNA |
| 1204-001904      | IC42          | IC-PAL DECODER    | SAA5264PS,SDIP,52P,600MIL,PLASTIC,3.6V,-,-20TO+70C,ST,IC-DECODER                 |     |
| 2401-002286      | C115          | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286      | C116          | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286      | U501          | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2701-000146      | L47           | INDUCTOR-AXIAL    | 2.2uH,10%,2.5x3.4mm                                                              |     |
| 2701-000157      | L43           | INDUCTOR-AXIAL    | 220uH,5%,2.5x3.4mm                                                               |     |
| 2701-000177      | L45           | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000177      | L46           | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000210      | L44           | INDUCTOR-AXIAL    | 680uH,10%,3x7mm                                                                  |     |
| 3701-001219      | CN11          | CONNECTOR-DSUB    | 15P,3R,FEMALE,ANGLE,AUF                                                          |     |
| 3711-004270      | CN53          | CONNECTOR-HEADER  | BOX,2P,1R,2MM,ANGLE,SN                                                           | SNA |
| 3711-004386      | CN52          | CONNECTOR-HEADER  | BOX,3P,1R,2mm,ANGLE,SN                                                           | SNA |
| 3722-000117      | CN12          | JACK-DC POWER     | 3P,3.5MM,AG,BLK,NO                                                               | SNA |
| 3722-001055      | CN51          | JACK-PHONE        | 5P/2C,3.6PI,AG,BLK,#16-22                                                        |     |
| 3722-001547      | CN24          | JACK-PIN          | 3P,3.5mm,AU,GRN/BLU/RED,-                                                        |     |
| 3722-001756      | CN25          | JACK-PIN          | 2P,-,AU,WHT/RED,-                                                                |     |
| 6003-000117      | IN/PCB+SH/PCB | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |

|             |                 |                     |                                                                                  |     |
|-------------|-----------------|---------------------|----------------------------------------------------------------------------------|-----|
| 6003-000117 | M/PCB+SH/PCB    | SCREW-TAPTITE       | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | SH/PCB+SH/D_SUB | SCREW-TAPTITE       | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| BN39-00047A | CIS             | CBF-HARNESS         | 100MM,100MM,BLU/WHT/GRY,UL1061,AWG28,51021-1200                                  |     |
| BN39-00134A | CIS             | CBF HARNESS         | RB17AS,UL1571#30,UL/CSA,30P/30P,240MM,BLUE/WHITE,#30,FI-X30X,DF14-30S-1.25C,1250 |     |
| BN39-00217A | CIS             | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,6P,-,-,#28,12505HS-06,51021-0600,BK,-,-,180MM,2835#28,SJ |     |
| BN40-00009A | CN41            | TUNER               | TCPS9091PD27A,PAL,HYPER,38.9MHZ,2.5V,75 OHM,75 OHM,D1N,5V,TR                     |     |
| BN44-00041A | CIS             | INVERTER            | ML17,SIC1803,48KHz,14VDC,1.5mArms,7.2mArms,48Khz,160*45*17,4LAMP,48Khz,-,-       |     |
| BN83-00065A | CIS             | CKD-BN44-00056A     | BN44-00056A,1203-000560                                                          | SNA |
| BN83-00066A | CIS             | CKD-BN44-00056A     | BN44-00056A,1201-000471                                                          | SNA |
| BN83-00067A | CIS             | CKD-BN44-00056A     | BN44-00056A,1202-000104                                                          | SNA |
| BN83-00068A | CIS             | CKD-BN44-00056A     | BN44-00056A,0504-000158                                                          | SNA |
| BN83-00069A | CIS             | CKD-BN44-00056A     | BN44-00056A,0501-000457                                                          | SNA |
| BN83-00070A | CIS             | CKD-BN44-00056A     | BN44-00056A,0504-000129                                                          | SNA |
| BN83-00071A | CIS             | CKD-BN44-00056A     | BN44-00056A,0501-000462                                                          | SNA |
| BN83-00074A | CIS             | CKD-BN44-00056A     | BN44-00056A,0407-000114                                                          | SNA |
| BN83-00076A | CIS             | CKD-BN44-00056A     | BN44-00056A,0407-000122                                                          | SNA |
| BN83-00081A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-000206                                                          | SNA |
| BN83-00082A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-001458                                                          | SNA |
| BN83-00083A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-000455                                                          | SNA |
| BN83-00084A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-000590                                                          | SNA |
| BN83-00085A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-001130                                                          | SNA |
| BN83-00086A | CIS             | CKD-BN44-00056A     | BN44-00056A,2203-002793                                                          | SNA |
| BN83-00092A | CIS             | CKD-BN44-00056A     | BN44-00056A,2007-000872                                                          | SNA |
| BN83-00106A | CIS             | CKD-BN44-00056A     | BN44-00056A,2104-000224                                                          | SNA |
| BN83-00108A | CIS             | CKD-BN44-00056A     | BN44-00056A,3601-001038                                                          | SNA |
| BN83-00110A | CIS             | CKD-BN44-00056A     | BN44-00056A,3711-000556                                                          | SNA |
| BN83-00111A | CIS             | CKD-BN44-00056A     | BN44-00056A,3711-004702                                                          | SNA |
| BN83-00264A | CIS             | CKD-0402-000554     | INVERTER                                                                         |     |
| BN83-00265A | CIS             | CKD-0501-002218     | INVERTER                                                                         |     |
| BN83-00266A | CIS             | CKD-0505-001220     | INVERTER                                                                         |     |
| BN83-00267A | CIS             | CKD-0505-001348     | INVERTER                                                                         |     |
| BN83-00268A | CIS             | CKD-2007-000003     | INVERTER                                                                         |     |
| BN83-00269A | CIS             | CKD-2007-000029     | INVERTER                                                                         |     |
| BN83-00270A | CIS             | CKD-2007-000221     | INVERTER                                                                         |     |
| BN83-00271A | CIS             | CKD-2007-000282     | INVERTER                                                                         |     |
| BN83-00272A | CIS             | CKD-2007-000300     | INVERTER                                                                         |     |
| BN83-00273A | CIS             | CKD-2007-000534     | INVERTER                                                                         |     |
| BN83-00274A | CIS             | CKD-2007-000546     | INVERTER                                                                         |     |
| BN83-00275A | CIS             | CKD-2007-000615     | INVERTER                                                                         |     |
| BN83-00276A | CIS             | CKD-2007-000689     | INVERTER                                                                         |     |
| BN83-00277A | CIS             | CKD-2007-000703     | INVERTER                                                                         |     |
| BN83-00278A | CIS             | CKD-2007-000793     | INVERTER                                                                         |     |
| BN83-00279A | CIS             | CKD-2007-000830     | INVERTER                                                                         |     |
| BN83-00280A | CIS             | CKD-2007-000844     | INVERTER                                                                         |     |
| BN83-00281A | CIS             | CKD-2007-000941     | INVERTER                                                                         |     |
| BN83-00282A | CIS             | CKD-2007-001039     | INVERTER                                                                         |     |
| BN83-00283A | CIS             | CKD-2007-001113     | INVERTER                                                                         |     |
| BN83-00284A | CIS             | CKD-2007-001241     | INVERTER                                                                         |     |
| BN83-00285A | CIS             | CKD-2007-001710     | INVERTER                                                                         |     |
| BN83-00286A | CIS             | CKD-2007-002529     | INVERTER                                                                         |     |
| BN83-00287A | CIS             | CKD-2201-002115     | INVERTER                                                                         |     |
| BN83-00288A | CIS             | CKD-2203-002494     | INVERTER                                                                         |     |
| BN83-00289A | CIS             | CKD-2301-001359     | INVERTER                                                                         |     |
| BN83-00291A | CIS             | CKD-2401-003549     | INVERTER                                                                         |     |
| BN83-00293A | CIS             | CKD-LH26-00135A     | INVERTER                                                                         |     |
| BN83-00295A | CIS             | CKD-LH26-00136A     | INVERTER                                                                         |     |
| BN83-00297A | CIS             | CKD-LH27-00145A     | INVERTER                                                                         |     |
| BN83-00299A | CIS             | CKD-LH41-00227A     | INVERTER                                                                         |     |
| BN83-00300A | CIS             | CKD-LH72-00173A     | INVERTER                                                                         |     |

|             |       |                   |                                                                                        |     |
|-------------|-------|-------------------|----------------------------------------------------------------------------------------|-----|
| BN83-00301A | CIS   | CKD-LH93-05016Z   | INVERTER                                                                               |     |
| BN83-00302A | CIS   | CKD-LH93-10009P   | INVERTER                                                                               |     |
| BN83-00303A | CIS   | CKD-LH93-20016M   | INVERTER                                                                               |     |
| BN63-00059A | CIS   | GASKET            | GH17MS, CONDUCTIVE FABRIC, 5MM, 160MM, 17MM, -, -, EMI-GASKET                          | SNA |
| BN63-00121A | CIS   | GASKET            | EOS, CONDUCTIVE FABRIC, 4MM, 30MM, 80MM, GRAY, 71TSSK 30-4-80-13, 71TSSK 30-4-80-13    | SNA |
| BN90-00030C | CIS   | ASSY SHIELD-D-SUB | ES17NS, NTSC, SPTE, T0.5, -, -, -, -                                                   | SNA |
| BN90-00033A | CIS   | ASSY SHIELD-PCB   | ES17AS, PAL, SECC, T0.8, -, -, -, -                                                    | SNA |
| BN97-00164C | -     | ASSY MICOM        | ES17S0                                                                                 |     |
| 1102-001108 | IC22  | IC-EPROM          | 27C020, 256Kx8Bit, PLCC, 32P, 495MIL, 70nS, 5V, 10%, PLASTIC, 0to+70C, 100uA, CMOS, TR |     |
| BN82-00075H | CIS   | A/S MICOM         | ES17S0                                                                                 | SNA |
| BN97-00177A | -     | ASSY SMD          | ES17S0, ES17S0-SXK8/0910                                                               | SNA |
| 0202-001162 | CIS   | SOLDER-CREAM      | RMA-20-21L, S63, -, SN63/PB36.6/AGO.4, FLUX9.5%                                        | SNA |
| 0401-001056 | D15   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0401-001056 | D16   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0401-001056 | D17   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0401-001056 | D41   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                     |     |
| 0402-000553 | D11   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                              |     |
| 0402-000553 | D12   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                              |     |
| 0403-000579 | D14   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | D210  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | D211  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | D29   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-000579 | U525  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                     |     |
| 0403-001052 | D21   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D22   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D220  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D23   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D237  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D239  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001052 | D55   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                     |     |
| 0403-001382 | D43   | DIODE-ZENER       | UDZ33B, 32.15-33.79V, 200mW, SOD-323, TP                                               |     |
| 0403-001435 | D18   | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0403-001435 | D238  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0403-001435 | U507  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0403-001435 | U509  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                              |     |
| 0406-001163 | ZD21  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD22  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD25  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD26  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD27  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0406-001163 | ZD28  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                           |     |
| 0501-002080 | Q11   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q13   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q14   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q15   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q16   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q21   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q22   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q23   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q24   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q403  | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q41   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q42   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q43   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0501-002080 | Q44   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                               |     |
| 0505-001170 | IC111 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                         |     |
| 0505-001170 | IC112 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                         |     |
| 0801-000411 | IC26  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                     |     |
| 0801-000411 | IC27  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                     |     |

|             |       |                      |                                                                                                |     |
|-------------|-------|----------------------|------------------------------------------------------------------------------------------------|-----|
| 0801-002268 | IC25  | IC-CMOS LOGIC        | 74VHC139, DECODER, SOP, 16P, 150MIL                                                            |     |
| 0802-001108 | IC28  | IC-BICMOS LOGIC      | 74ABT573, LATCH, TSSOP, 20P, 173MIL, 8, TR, PLASTIC, 3-STATE, -, 0.55V, -65TO+150C, -, 0.8V, 5 |     |
| 0803-000117 | IC110 | IC-TTL               | 74F14, INVERTER, SOP, 14P, 150MIL,                                                             |     |
| 0803-000117 | IC24  | IC-TTL               | 74F14, INVERTER, SOP, 14P, 150MIL,                                                             |     |
| 0903-001202 | IC23  | IC-MICROCONTROLLER   | 80251G2, 8Bit, PLCC, 44P, 653MIL, 24MHz, TR, CMOS, PLASTIC, 5V, 1.5W, 0to+70C, 1KBYTE, -, 24Bi | SNA |
| 1103-000138 | IC18  | IC-EEPROM            | 24C16, 2Kx8BIT, SOP, 8P, 150MIL, 10                                                            |     |
| 1103-001023 | IC41  | IC-EEPROM            | 524C80D81, 1028x8Bit, SOP, 8P, 150MIL, 10mS, 5V, 10%, PLASTIC, 0to+70C, 110uA, CMOS, TP        |     |
| 1103-001164 | IC19  | IC-EEPROM            | 24LC21A, 128X8BIT, SOP, 8P, 150MIL, -, 5V, 10%, PLASTIC, 0 TO +70C, 100UA, CMOS, TP            |     |
| 1105-001391 | IC64  | IC-DRAM              | EM638325, 2MX32BIT, TSOP(II), 86P, 400MIL, 60NS, 3.3V, 10%, PLASTIC, 0TO+70C, 3MA, -, TR       |     |
| 1201-001495 | IC51  | IC-AUDIO AMP         | 7050, SOP, 8P, 150MIL, DUAL, 26DB, PLASTIC, 6V, 0.25W, -, 40DB, -, -, 20NA, -                  |     |
| 1201-001681 | IC55  | IC-AUDIO AMP         | 1101, SOP, 30P, 433MIL, -, -, PLASTIC, 13.2V, -, 0to+70C, -, -, -, -, TP                       |     |
| 1203-001109 | IC21  | IC-VOL. DETECTOR     | 7045, SOT-89, 3P, -, PLASTIC, 4.3/4                                                            |     |
| 1203-001293 | IC14  | IC-POS1.FIXED REG.   | 033, TO-252, 3P, 6.5MIL, PLASTIC, 3                                                            |     |
| 1203-001447 | IC16  | IC-POS1.FIXED REG.   | 2596, TO-263, 5P, -, PLASTIC, 3.135                                                            |     |
| 1203-001448 | IC11  | IC-SWITCH VOL. REG.  | 2596, TO-263, 5P, -, PLASTIC, 4.750                                                            |     |
| 1203-001465 | IC17  | IC-POS1.ADJUST REG.  | 317, TO-263, 3P, -, PLASTIC, 1.2/37                                                            |     |
| 1203-001779 | IC54  | IC-POS1.FIXED REG.   | 7812, D2PAK, 3P, -, PLASTIC, 11.5/12.5V, -, -40TO+125CC, 1A, -, TP                             |     |
| 1203-001816 | IC52  | IC-POS1.FIXED REG.   | 78M08, TO-252, 3P, -, PLASTIC, 7.7/8.3V, 1.0W, -40TO+85C, 0.5A, -, TP                          |     |
| 1203-002410 | IC109 | IC-POS1.ADJUST REG.  | KA317MR, D-PAK, 3P, 240MIL, PLASTIC, 40V, -, 0TO+125C, 0.5A, 1.2/1.3V, TP                      |     |
| 1203-002454 | IC13  | IC-VOLTAGE REGULATOR | FAN1117A, TO-252, 3P, 257MIL, PLASTIC, 1.764V/1.836V, -, 0TO+125C, 1A, 1.225/1.275V, TP        |     |
| 1204-001551 | IC31  | IC-VIDEO SYSTEM      | GS1881, S0IC, 8P, 150MIL, PLASTIC, 13.2V, -, 0TO+70C, TP, VIDEO SYNC SEPARATOR                 |     |
| 1204-001997 | IC401 | IC-DECODER           | VSP9415B-B11, MQFP, 80P, 14X14MM, PLASTIC, 3.47V, 1.1W, 0TO+70C, TR, OPTIMUS                   |     |
| 1204-002007 | IC53  | IC-SOUND PROCESSOR   | MSP3411G-QA-B8, PQFP, 80P, 20X14MM, PLASTIC, 8.7V, 1W, 0TO+70C, TR, -                          |     |
| 1205-001740 | IC61  | IC-TRANSMITTER       | DS90C385, TSSOP, 56P, 240MIL, PLASTIC, 4V, 1.63W, -10 TO +70C, ST, FPD LINK-85MHZ(LVDS)        |     |
| 1205-001740 | IC62  | IC-TRANSMITTER       | DS90C385, TSSOP, 56P, 240MIL, PLASTIC, 4V, 1.63W, -10 TO +70C, ST, FPD LINK-85MHZ(LVDS)        |     |
| 1205-002028 | IC32  | IC-LCD CONTROLLER    | JAGASM, BGA, 388P, 208MIL, PALATIC, 3.45V, 2.5W, -40TO+125C, TR, DIGITAL DISPLAY PRO.          |     |
| 2007-000070 | BD11  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | BD12  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | BD13  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1007 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1009 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1010 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1011 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1012 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1013 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R118  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R119  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R120  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1431 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R19   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R215  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R216  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R217  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R218  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2556 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2557 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2558 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2570 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2584 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R310  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R311  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R312  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R313  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R314  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R315  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R33   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R34   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R35   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R36   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |









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| 2007-000074 | R531  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R532  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R533  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R534  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R535  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R536  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R537  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R538  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R982  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R219  | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2552 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2553 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2554 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2555 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R545  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R546  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R15   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R16   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R17   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R18   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R210  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R211  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R212  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R29   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R43   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R44   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R45   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000078 | R1005 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R11   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R21   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R22   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R23   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R24   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R25   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R26   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R27   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R28   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R31   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R32   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R468  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R469  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R471  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R473  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R51   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R415  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R416  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R417  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000081 | R549  | R-CHIP | 2.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R132  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R133  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R135  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R137  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R138  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R239  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R240  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R241  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R242  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R243  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R244  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |

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| 2007-000084 | R245  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R246  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R247  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R248  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R249  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R250  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R251  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R252  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R253  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R254  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R2635 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R371  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4551 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4552 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4553 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4554 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4557 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4558 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R459  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R527  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R539  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R550  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R551  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000086 | R548  | R-CHIP | 5.6Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000090 | R139  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R140  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R141  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R142  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R255  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R256  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R257  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R258  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R372  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R373  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R374  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R54   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R540  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R541  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R55   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R56   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R57   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R643  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R116  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R117  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R41   | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R552  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R553  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R445  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R446  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R447  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R448  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R449  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R450  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R451  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R452  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R52   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R53   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R213  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R214  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |

|             |       |           |                             |
|-------------|-------|-----------|-----------------------------|
| 2007-000098 | R510  | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R511  | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R58   | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R59   | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000102 | R148  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R149  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R150  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R151  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R4532 | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R476  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R542  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R837  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000109 | R547  | R-CHIP    | 1Mohm,5%,1/16W,DA,TP,1608   |
| 2007-000124 | R13   | R-CHIP    | 2.2Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000125 | R1023 | R-CHIP    | 3.9Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1017 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1018 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1019 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R113  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R114  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R115  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000309 | R321  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R322  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R323  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R324  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R325  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R326  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R543  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R544  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000402 | R1020 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1021 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1022 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000616 | R414  | R-CHIP    | 24Kohm,5%,1/16W,DA,TP,1608  |
| 2007-001044 | R475  | R-CHIP    | 56ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R144  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R145  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R146  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R147  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R376  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R381  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R382  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R383  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4535 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4536 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4537 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4538 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4559 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R464  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R467  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R470  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R472  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R474  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R987  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R992  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-007985 | R320  | R-CHIP    | 620Kohm,1%,1/16W,DA,TP,1608 |
| 2011-000002 | RA31  | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA310 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA311 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA312 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |

[illegible]



|             |       |                |                                |
|-------------|-------|----------------|--------------------------------|
| 2203-000236 | C229  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C230  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C231  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C232  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C233  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C234  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C427  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C428  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C4482 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C5253 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C545  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C546  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C547  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C548  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C549  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C550  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000257 | C154  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C155  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C156  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C157  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C158  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C159  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C160  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C225  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C373  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C374  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C375  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C376  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C383  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C411  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C412  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C413  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C439  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C441  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C442  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000280 | C430  | C-CERAMIC,CHIP | 0.01nF,0.5pF,50V,NP0,TP,1608   |
| 2203-000384 | C384  | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608     |
| 2203-000440 | C365  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C366  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C367  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C368  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C369  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C370  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C424  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C540  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C541  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C635  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C637  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C638  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C639  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C640  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000552 | C443  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | C444  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | C53   | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | U518  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | U519  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000626 | C445  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608     |
| 2203-000626 | C446  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608     |
| 2203-000697 | C125  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |

|             |       |                |                                 |
|-------------|-------|----------------|---------------------------------|
| 2203-000697 | C126  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C127  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C32   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C33   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C34   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000701 | C571  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000701 | C572  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000715 | C574  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000715 | C575  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000784 | C223  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C224  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C426  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000903 | C41   | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C525  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C526  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000972 | C43   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C44   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C450  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C451  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C452  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C4845 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C573  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000998 | C431  | C-CERAMIC,CHIP | 0.047nF,5%,50V,NP0,TP,1608      |
| 2203-001077 | C27   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C28   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C522  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C523  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C524  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5251 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5252 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001417 | C210  | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001417 | C29   | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001607 | C570  | C-CERAMIC,CHIP | 0.22nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C449  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C553  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C554  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C555  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-002793 | C414  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-002793 | C576  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-005005 | C372  | C-CERAMIC,CHIP | 100nF,10%,16V,X7R,TP,1608       |
| 2203-005015 | C556  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C557  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C558  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C559  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C560  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C561  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C562  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C563  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C564  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C565  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C566  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C567  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C568  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C569  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005065 | C131  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C132  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C133  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C134  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C135  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |

|             |       |                |                                 |
|-------------|-------|----------------|---------------------------------|
| 2203-005065 | C136  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C137  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C138  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C139  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C140  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C141  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C211  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C212  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C213  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C214  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C321  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C35   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C36   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C37   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C415  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C416  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C417  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C418  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C419  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C420  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C47   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C48   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C49   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U520  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U521  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U522  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U523  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | U524  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2402-000108 | C317  | C-AL,SMD       | 10uF,20%,16V,WT,TP,4.3x4.3x5.4  |
| 2402-000135 | C65   | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4  |
| 2402-000135 | U527  | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4  |
| 2402-000144 | C3890 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5.4 |
| 2402-000144 | C5244 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5.4 |
| 2402-000170 | C521  | C-AL,SMD       | 1uF,20%,50V,GP,TP,4.3x4.3x5.4   |
| 2402-000176 | C119  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C120  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C121  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C122  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C123  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C21   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C22   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C23   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C31   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3246 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3300 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3390 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3552 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3688 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C3782 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C4728 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C5239 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C54   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C55   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C56   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C57   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C61   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C62   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C63   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |
| 2402-000176 | C64   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4  |



|             |       |              |                                   |
|-------------|-------|--------------|-----------------------------------|
| 2402-000176 | U502  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U503  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U528  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U531  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U532  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000179 | C318  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-000179 | C319  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-001006 | C25   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C26   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C314  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C315  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C517  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C518  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C519  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C520  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C777  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C782  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001042 | C110  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C113  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C17   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C18   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C19   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C24   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C4186 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C510  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C511  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C512  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C513  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C514  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C5247 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C58   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C59   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | U526  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001044 | C13   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001044 | C14   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001081 | C11   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001081 | C12   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001086 | C112  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C114  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C15   | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001157 | C515  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C516  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C551  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C552  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2503-001018 | CA31  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA311 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA312 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA313 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA314 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA315 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA32  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA33  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA330 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA34  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA35  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA36  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2703-001070 | U529  | INDUCTOR-SMD | 100uH,10%,4.5x3.2x3.2mm           |
| 2703-001334 | L113  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001334 | L114  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |

|             |       |                   |                                              |     |
|-------------|-------|-------------------|----------------------------------------------|-----|
| 2703-001334 | L115  | INDUCTOR-SMD      | 1.5uH,10%,2x1.25x0.85mm                      |     |
| 2703-001778 | L117  | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L118  | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L31   | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L32   | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L41   | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L42   | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L51   | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L52   | INDUCTOR-SMD      | 3.3uH,20%,3.2X2.5X2.2MM                      |     |
| 2801-003667 | X21   | CRYSTAL-SMD       | 14.3182MHZ,50PPM,28-AAN,16,500HM,TP          |     |
| 2801-003773 | U530  | CRYSTAL-SMD       | 12MHZ,30PPM,28-AAN,20PF,500HM,TP             |     |
| 2801-003843 | X51   | CRYSTAL-SMD       | 18.432MHz,30ppm,28-AAN,20pF,50ohm,TP         |     |
| 2801-004004 | X41   | CRYSTAL-SMD       | 20.25MHz,20ppm,28-AAN,13pF,25ohm,TP          |     |
| 2901-001133 | FT31  | FILTER-EMI SMD    | 25V,0.15A,-,33pF,2x1.25x0.8mm,TP             |     |
| 3301-001145 | BD51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT11  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT12  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT13  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT14  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT32  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT52  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT61  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT62  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT63  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT66  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L11   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L12   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L13   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L14   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L15   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L19   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | U504  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001163 | BD109 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD14  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD21  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD210 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD211 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD212 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD213 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD214 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD215 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD216 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD217 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD218 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD219 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD22  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD220 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD221 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD222 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD223 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD224 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD23  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD24  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD25  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD26  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD27  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD28  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD29  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |

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|------------------|-------------|---------------------|----------------------------------------------------------------------------------|-----|
| 3301-001163      | BD41        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | BD42        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | BD43        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | BD44        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | BD52        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | DB21        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | U512        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3704-000250      | IC22_SOCKET | SOCKET- IC          | 32P,PLCC,SN,-                                                                    |     |
| 3711-000556      | CN26        | CONNECTOR-HEADER    | BOX,12P,1R,1.25mm,SMD-A,SN                                                       | SNA |
| 3711-002046      | CN13        | CONNECTOR-HEADER    | 3WALL,12P,1R,1.25mm,SMD-S,SN                                                     | SNA |
| 3711-002049      | CN22        | CONNECTOR-HEADER    | BOX,6P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-002049      | CN23        | CONNECTOR-HEADER    | BOX,6P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-002127      | CN21        | CONNECTOR-HEADER    | BOX,8P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-004070      | CN62        | CONNECTOR-HEADER    | BOX,30P,1R,1.25mm,SMD-A,SN                                                       | SNA |
| BN27-00002A      | L111        | COIL-CHOKE (SMD)    | 47uH,47uH,20%,12*12*8mm,22.5Ts,SMD,-,-,0.75ohm,-,-,TP                            |     |
| BN27-00007A      | L53         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A      | L54         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A      | L55         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A      | L56         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-20001A      | L116        | COIL-CHOKE          | -.53.0UH,20%,DR10*5,-,-,-,0.18ohm,-,-,-,TRAY                                     |     |
| BN41-00222A      | MP1.0       | PCB MAIN            | ES15S0,FR4,6L,228X157X1.6,E0S                                                    | SNA |
| BN91-00558B      | -           | ASSY SHIELD         | ES17S0                                                                           | SNA |
| 0203-001160      | CIS         | TAPE-FILAMENT       | SCOTCH#8915,T0.16,W48,L55M,TRP                                                   | SNA |
| 0203-001311      | CIS         | TAPE-CONDUCTOR      | DK-K102-90-50,T0.13,W50,L90,GRAY                                                 | SNA |
| 6003-000276      | C/F+AUD/PCB | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| 6003-000276      | C/F+B/GUIDE | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| 6003-000276      | C/F+SH/PCB  | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN39-00202B      | CIS         | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,12P,-,-,#28,SMH200-12,12505HS-12,BK,-,-,250MM,2835#28,SJ |     |
| BN59-00215A      | CIS         | PBA SUB             | CN17VS,AV PBA FUNCTION,-,-,-,-                                                   |     |
| BN70-00192A      | CIS         | BRACKET-SUPPORT     | RB15AS,SECC,0.8                                                                  | SNA |
| BN92-00285A      | -           | ASSY P/MATERIAL     | ES17AS                                                                           | SNA |
| 0203-001100      | CIS         | TAPE-OPP MASKING    | OPP/W75/CLR,T0.05,W75,L800000,CLR                                                | SNA |
| BH69-00376D      | CIS         | PACKING-PALLET      | ES17AS,WOODEN,-,-,1232,1032,120,-,-,-                                            | SNA |
| BH69-00457A      | CIS         | PACKING-PAD         | GH17,FOAM,T3.0,1180,1130                                                         | SNA |
| BH69-30355E      | CIS         | BAG-PE/N            | NK15,PE FOAM,0.5,650,650,NTR                                                     | SNA |
| BH69-40321J      | CIS         | PACKING-PAD EDGE    | PN15VT,B400,-,-,W140,L1154,-,-,-,SKD                                             | SNA |
| BH69-40379A      | CIS         | PACKING-WRAP        | LDPE,W500*T0.02,-,-                                                              | SNA |
| BN68-00129A      | CIS         | LABEL SHIPPING      | -,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-,-                                | SNA |
| BN69-00140T      | CIS         | PAD-PALLET COVER    | SUN(LSA810),SW,900,3760,-,-,-,-                                                  | SNA |
| BN69-00242A      | CIS         | CUSHION-R/L         | ES17AS,EPS,-,-,-,-,M50                                                           | SNA |
| BN92-00449C      | -           | ASSY LABEL          | ES17S0                                                                           | SNA |
| BN68-00234B      | LABEL       | LABEL RATING        | ES17AS,EDC,PE,T0.05,90,45,SYNC,-,PE NATURE,-,-                                   | SNA |
| BN92-00651X      | -           | ASSY ACCESSORY      | ES15/17S0                                                                        | SNA |
| BN96-00230X      | -           | ASSY ACCESSORY      | ES15/17S0                                                                        |     |
| 0203-000214      | CIS         | TAPE-OPP MASKING    | OPP/W50/CLR,T0.05,W50,L400000,                                                   | SNA |
| 4301-000121      | CIS         | BATTERY-MN          | 1.5V,-,AAA,10.5x44.5m,HOLDER                                                     | SNA |
| 6801-001063      | CIS         | CARD-REGISTRATION   | -,SAMSUNG,ENG+ARAB,MOJO100,-,W720,L120,-,-                                       | SNA |
| BH39-10339H      | CIS         | CBF POWER CORD      | DET,H05VV-F,250V/10,16A,BLK,25                                                   |     |
| BH69-30348D      | CIS         | BAG-PE              | LDPE,T0.05,W240*L356,Y,-,CMG73                                                   | SNA |
| BN39-00043A      | CIS         | CBF SIGNAL          | DETACHABLE,-,15P/15P,-,-,-                                                       |     |
| BN59-00225C      | CIS         | REMOCON             | ,TM71,E0S,40,PAL,TTX                                                             |     |
| BN68-00266D      | CIS         | MANUAL-S/D          | LS15E23CB,LS17E24CB,SAMSUNG,E,E.ASIA,W/P(100G),A5                                |     |
| BN92-00655H      | -           | ASSY BOX            | GG15LS                                                                           | SNA |
| BH75-10529C      | CIS         | UNIT-HANDLE/PACKING | S/M170MP,PE-LD,PE-HD,-,WHITE,-                                                   |     |
| BN72-60001A      | CIS         | LEVER TOP           | LSD210TL,PE-LD,WHITE,TFT_LCD                                                     | SNA |
| BN72-60002C      | CIS         | LEVER BOTTOM        | S/M170MP,PE-HD,BLUE                                                              | SNA |
| BN68-00135A      | CIS         | LABEL BAR CODE      | -,ALL,MPRII,DOM,ART-PAPER 90G,Page 38,WHITE,BLACK,-,-,-                          | SNA |
| BN69-00267G      | CIS         | BOX                 | LW17E24C,ARABIA,CB-SW4,WHT,OFFSET,A-1,L599*W499*H234                             | SNA |
| EZ-LS17E24CX/XSG | -           | 2                   | LTM17EH-L05                                                                      | -   |

|             |                 |                   |                                                                                  |     |
|-------------|-----------------|-------------------|----------------------------------------------------------------------------------|-----|
| BN90-00421A | -               | ASSY STAND        | ES17*                                                                            | SNA |
| 6001-000154 | STD+C/R         | SCREW-MACHINE     | BH,+,M4,L8,NI PLT,SWRCH18A,FP,-                                                  |     |
| BN96-00204A | STD             | ASSY STAND P      | EOS/NIKE17",SILVER SPRAY                                                         | SNA |
| 6003-000009 | STD             | SCREW-TAPTITE     | BH,+,B,M4,L16,ZPC(YEL),SWRCH18                                                   | SNA |
| 6003-001010 | STD             | SCREW-TAPTITE     | FH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   |     |
| 6003-001315 | STD             | SCREW-TAPTITE     | BH,+,B,M4,L20,ZPC(YEL),SWRCH18A                                                  | SNA |
| BH73-60339A | STD             | RUBBER-LEG        | SLC1400,EVA,GRAY,65HB,DIA13*H2                                                   | SNA |
| BN61-00184A | STD             | STAND-BASE        | ES15AS,ABS PC,GR40,SV-012P                                                       | SNA |
| BN61-00266A | STD             | FRAME-STAND BASE  | EOS / NIKE,EGI T1.2                                                              |     |
| BN72-00254A | STD             | STAND-COVER REAR  | EOS 15,ABS,HB,IV16,SPRAY                                                         | SNA |
| BN72-00257A | STD             | STAND FRONT       | EOS 15,ABS,HB,16,SPRAY                                                           | SNA |
| BN75-00211A | STD             | UNIT-HINGE        | EOS15,-,SECC T2.0,-,-,-,-,-                                                      | SNA |
| BN90-00423A | -               | ASSY COVER REAR   | ES17S0                                                                           | SNA |
| BN90-00034E | C/REAR          | ASSY REAR-COVER   | ES17S0(VE),ABS HB,SV-012P,PAL                                                    | SNA |
| BN63-00091A | C/R             | COVER-REAR        | ES17AS,ABS ,-, -, -, HB, -, IV16, NONE, 1.5                                      | SNA |
| BN70-00176A | C/R             | BRACKET VESA      | RB15AS, SECC, 1                                                                  | SNA |
| BN90-00453V | -               | ASSY COVER FRONT  | ES17S0                                                                           | SNA |
| 6003-001319 | C/F+C/R         | SCREW-TAPTITE     | BH,+,B,M3,L10,NI PLT,SWRCH18A,-                                                  | SNA |
| BN90-00019H | CIS             | ASSY COVER FRONT  | ES17S0(VE),ABS HB ,SPRAY,TANTUS SILK                                             |     |
| 6002-000129 | CIS             | SCREW-TAPPING     | FH,+,2S,M3,L8,ZPC(BLK),SM20C                                                     | SNA |
| 6003-000276 | CIS             | SCREW-TAPTITE     | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN59-00214A | CIS             | BOARD             | CN17VS,FUNCTION KEY,-,-,-,-,-                                                    | SNA |
| BN59-00216A | CIS             | PBA SUB           | CN17VS,IR PBA SUB,-,-,-,-,-                                                      | SNA |
| BN59-00263A | CIS             | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-L,100X42,WIRE:240MM                                        | SNA |
| BN59-00264A | CIS             | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-R,100X42,WIRE:590MM                                        | SNA |
| BN63-00090A | CIS             | COVER-FRONT       | ES17AS,ABS ,-, -, -, HB, -, IV16, NONE, 1.5                                      | SNA |
| BN63-00092A | CIS             | COVER-GRILL       | ES17AS,ABS ,-, -, -, HB, -, IV16, NONE, 1.5                                      | SNA |
| BN64-00031A | CIS             | BADGE-BRAND       | RB15AS,AL,T1.4,6.3,40.1,-,SILIVER,-                                              | SNA |
| BN64-00035A | CIS             | KNOB-FUNCTION     | EOS15,ABS,IV16,-, -, HB,SPRAY,-,-                                                | SNA |
| BN67-00020A | CIS             | LENS-LED          | EOS15,ACRYL,CLEAR,-,-,-,-,-                                                      |     |
| BN91-00305C | -               | ASSY MISC-ADAPTOR | ES17AS                                                                           | SNA |
| BN44-00063A | CIS             | ADAPTOR           | AD-4914N,EOS17,100-240VAC,47 - 63 HZ,+14VDC,3.5A,-,49W,-,0 TO +40 C,120*63*31,SA |     |
| BN91-00509A | -               | ASSY CHASSIS      | ES17S0                                                                           |     |
| BN94-00392A | -               | ASSY PCB MAIN     | ES17S0,ES17S0-SXK8/0910                                                          | SNA |
| 0201-001223 | CIS             | ADHESIVE-TS       | HT-130S,RED,700+/- 50,-                                                          | SNA |
| 0202-001044 | CIS             | SOLDER-WIRE.      | S63S-W3.0,S63S,D3,63Sn/37Pb,-                                                    | SNA |
| 0202-001046 | CIS             | SOLDER-WIRE FLUX  | CF-110VH-2A,-,-,-,-                                                              | SNA |
| 0202-001222 | CIS             | SOLDER-WIRE FLUX  | RS-107,RS60-1.2AA,D1.2,SN60/PB40,-                                               | SNA |
| 0204-001095 | CIS             | THINNER           | #4520,-,-,-                                                                      | SNA |
| 1204-001904 | IC42            | IC-PAL DECODER    | SAA5264PS,SDIP,52P,600MIL,PLASTIC,3.6V,-,-20TO+70C,ST,IC-DECODER                 |     |
| 2401-002286 | C115            | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286 | C116            | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286 | U501            | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2701-000146 | L47             | INDUCTOR-AXIAL    | 2.2uH,10%,2.5x3.4mm                                                              |     |
| 2701-000157 | L43             | INDUCTOR-AXIAL    | 220uH,5%,2.5x3.4mm                                                               |     |
| 2701-000177 | L45             | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000177 | L46             | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000210 | L44             | INDUCTOR-AXIAL    | 680uH,10%,3x7mm                                                                  |     |
| 3701-001219 | CN11            | CONNECTOR-DSUB    | 15P,3R,FEMALE,ANGLE,AUF                                                          |     |
| 3711-004270 | CN53            | CONNECTOR-HEADER  | BOX,2P,1R,2MM,ANGLE,SN                                                           | SNA |
| 3711-004386 | CN52            | CONNECTOR-HEADER  | BOX,3P,1R,2mm,ANGLE,SN                                                           | SNA |
| 3722-000117 | CN12            | JACK-DC POWER     | 3P,3.5MM,AG,BLK,NO                                                               | SNA |
| 3722-001055 | CN51            | JACK-PHONE        | 5P/2C,3.6PI,AG,BLK,#16-22                                                        |     |
| 3722-001547 | CN24            | JACK-PIN          | 3P,3.5mm,AU,GRN/BLU/RED,-                                                        |     |
| 3722-001756 | CN25            | JACK-PIN          | 2P,-,AU,WHT/RED,-                                                                |     |
| 6003-000117 | IN/PCB+SH/PCB   | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | M/PCB+SH/PCB    | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | SH/PCB+SH/D_SUB | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| BN39-00047A | CIS             | CBF-HARNESS       | 100MM,100MM,BLU/WHT/GRY,UL1061,AWG28,51021-1200                                  |     |

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| BN39-00134A | CIS  | CBF HARNESS         | RB17AS,UL1571#30,UL/CSA,30P/30P,240MM,BLUE/WHITE,#30,FI-X30X,DF14-30S-1.25C,1250 |     |
| BN39-00217A | CIS  | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,6P,-,-,#28,12505HS-06,51021-0600,BK,-,-,180MM,2835#28,SJ |     |
| BN40-00009A | CN41 | TUNER               | TCPS9091PD27A,PAL,HYPER,38.9MHZ,2.5V,75 OHM,75 OHM,D1N,5V,TR                     |     |
| BN44-00041A | CIS  | INVERTER            | ML17,SIC1803,48KHz,14VDC,1.5mArms,7.2mArms,48KHz,160*45*17,4LAMP,48KHz,-,-       |     |
| BN83-00065A | CIS  | CKD-BN44-00056A     | BN44-00056A,1203-000560                                                          | SNA |
| BN83-00066A | CIS  | CKD-BN44-00056A     | BN44-00056A,1201-000471                                                          | SNA |
| BN83-00067A | CIS  | CKD-BN44-00056A     | BN44-00056A,1202-000104                                                          | SNA |
| BN83-00068A | CIS  | CKD-BN44-00056A     | BN44-00056A,0504-000158                                                          | SNA |
| BN83-00069A | CIS  | CKD-BN44-00056A     | BN44-00056A,0501-000457                                                          | SNA |
| BN83-00070A | CIS  | CKD-BN44-00056A     | BN44-00056A,0504-000129                                                          | SNA |
| BN83-00071A | CIS  | CKD-BN44-00056A     | BN44-00056A,0501-000462                                                          | SNA |
| BN83-00074A | CIS  | CKD-BN44-00056A     | BN44-00056A,0407-000114                                                          | SNA |
| BN83-00076A | CIS  | CKD-BN44-00056A     | BN44-00056A,0407-000122                                                          | SNA |
| BN83-00081A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-000206                                                          | SNA |
| BN83-00082A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-001458                                                          | SNA |
| BN83-00083A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-000455                                                          | SNA |
| BN83-00084A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-000590                                                          | SNA |
| BN83-00085A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-001130                                                          | SNA |
| BN83-00086A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-002793                                                          | SNA |
| BN83-00092A | CIS  | CKD-BN44-00056A     | BN44-00056A,2007-000872                                                          | SNA |
| BN83-00106A | CIS  | CKD-BN44-00056A     | BN44-00056A,2104-000224                                                          | SNA |
| BN83-00108A | CIS  | CKD-BN44-00056A     | BN44-00056A,3601-001038                                                          | SNA |
| BN83-00110A | CIS  | CKD-BN44-00056A     | BN44-00056A,3711-000556                                                          | SNA |
| BN83-00111A | CIS  | CKD-BN44-00056A     | BN44-00056A,3711-004702                                                          | SNA |
| BN83-00264A | CIS  | CKD-0402-000554     | INVERTER                                                                         |     |
| BN83-00265A | CIS  | CKD-0501-002218     | INVERTER                                                                         |     |
| BN83-00266A | CIS  | CKD-0505-001220     | INVERTER                                                                         |     |
| BN83-00267A | CIS  | CKD-0505-001348     | INVERTER                                                                         |     |
| BN83-00268A | CIS  | CKD-2007-000003     | INVERTER                                                                         |     |
| BN83-00269A | CIS  | CKD-2007-000029     | INVERTER                                                                         |     |
| BN83-00270A | CIS  | CKD-2007-000221     | INVERTER                                                                         |     |
| BN83-00271A | CIS  | CKD-2007-000282     | INVERTER                                                                         |     |
| BN83-00272A | CIS  | CKD-2007-000300     | INVERTER                                                                         |     |
| BN83-00273A | CIS  | CKD-2007-000534     | INVERTER                                                                         |     |
| BN83-00274A | CIS  | CKD-2007-000546     | INVERTER                                                                         |     |
| BN83-00275A | CIS  | CKD-2007-000615     | INVERTER                                                                         |     |
| BN83-00276A | CIS  | CKD-2007-000689     | INVERTER                                                                         |     |
| BN83-00277A | CIS  | CKD-2007-000703     | INVERTER                                                                         |     |
| BN83-00278A | CIS  | CKD-2007-000793     | INVERTER                                                                         |     |
| BN83-00279A | CIS  | CKD-2007-000830     | INVERTER                                                                         |     |
| BN83-00280A | CIS  | CKD-2007-000844     | INVERTER                                                                         |     |
| BN83-00281A | CIS  | CKD-2007-000941     | INVERTER                                                                         |     |
| BN83-00282A | CIS  | CKD-2007-001039     | INVERTER                                                                         |     |
| BN83-00283A | CIS  | CKD-2007-001113     | INVERTER                                                                         |     |
| BN83-00284A | CIS  | CKD-2007-001241     | INVERTER                                                                         |     |
| BN83-00285A | CIS  | CKD-2007-001710     | INVERTER                                                                         |     |
| BN83-00286A | CIS  | CKD-2007-002529     | INVERTER                                                                         |     |
| BN83-00287A | CIS  | CKD-2201-002115     | INVERTER                                                                         |     |
| BN83-00288A | CIS  | CKD-2203-002494     | INVERTER                                                                         |     |
| BN83-00289A | CIS  | CKD-2301-001359     | INVERTER                                                                         |     |
| BN83-00291A | CIS  | CKD-2401-003549     | INVERTER                                                                         |     |
| BN83-00293A | CIS  | CKD-LH26-00135A     | INVERTER                                                                         |     |
| BN83-00295A | CIS  | CKD-LH26-00136A     | INVERTER                                                                         |     |
| BN83-00297A | CIS  | CKD-LH27-00145A     | INVERTER                                                                         |     |
| BN83-00299A | CIS  | CKD-LH41-00227A     | INVERTER                                                                         |     |
| BN83-00300A | CIS  | CKD-LH72-00173A     | INVERTER                                                                         |     |
| BN83-00301A | CIS  | CKD-LH93-05016Z     | INVERTER                                                                         |     |
| BN83-00302A | CIS  | CKD-LH93-10009P     | INVERTER                                                                         |     |
| BN83-00303A | CIS  | CKD-LH93-20016M     | INVERTER                                                                         |     |

|             |       |                   |                                                                                                |     |
|-------------|-------|-------------------|------------------------------------------------------------------------------------------------|-----|
| BN63-00059A | CIS   | GASKET            | GH17MS, CONDUCTIVE FABRIC, 5MM, 160MM, 17MM, -, -, EMI - GASKET                                | SNA |
| BN63-00121A | CIS   | GASKET            | EOS, CONDUCTIVE FABRIC, 4MM, 30MM, 80MM, GRAY, 71TSSK 30-4-80-13, 71TSSK 30-4-80-13            | SNA |
| BN90-00030C | CIS   | ASSY SHIELD-D-SUB | ES17NS, NTSC, SPTE, T0.5, -, -, -, -                                                           | SNA |
| BN90-00033A | CIS   | ASSY SHIELD-PCB   | ES17AS, PAL, SECC, T0.8, -, -, -, -                                                            | SNA |
| BN97-00164C | -     | ASSY MICOM        | ES17S0                                                                                         |     |
| 1102-001108 | IC22  | IC-EPROM          | 27C020, 256Kx8Bit, PLCC, 32P, 495MIL, 70nS, 5V, 10%, PLASTIC, 0to+70C, 100uA, CMOS, TR         |     |
| BN82-00075H | CIS   | A/S MICOM         | ES17S0                                                                                         | SNA |
| BN97-00177A | -     | ASSY SMD          | ES17S0, ES17S0-SXK8/0910                                                                       | SNA |
| 0202-001162 | CIS   | SOLDER-CREAM      | RMA-20-21L, S63, -, SN63/PB36.6/AGO.4, FLUX9.5%                                                | SNA |
| 0401-001056 | D15   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0401-001056 | D16   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0401-001056 | D17   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0401-001056 | D41   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0402-000553 | D11   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                                      |     |
| 0402-000553 | D12   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                                      |     |
| 0403-000579 | D14   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | D210  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | D211  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | D29   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | U525  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-001052 | D21   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D22   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D220  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D23   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D237  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D239  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D55   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001382 | D43   | DIODE-ZENER       | UDZ33B, 32.15-33.79V, 200mW, SOD-323, TP                                                       |     |
| 0403-001435 | D18   | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0403-001435 | D238  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0403-001435 | U507  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0403-001435 | U509  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0406-001163 | ZD21  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD22  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD25  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD26  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD27  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD28  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0501-002080 | Q11   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q13   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q14   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q15   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q16   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q21   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q22   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q23   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q24   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q403  | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q41   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q42   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q43   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q44   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0505-001170 | IC111 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                                 |     |
| 0505-001170 | IC112 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                                 |     |
| 0801-000411 | IC26  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                             |     |
| 0801-000411 | IC27  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                             |     |
| 0801-002268 | IC25  | IC-CMOS LOGIC     | 74VHC139, DECODER, SOP, 16P, 150MIL                                                            |     |
| 0802-001108 | IC28  | IC-BICMOS LOGIC   | 74ABT573, LATCH, TSSOP, 20P, 173MIL, 8, TR, PLASTIC, 3-STATE, -, 0.55V, -65TO+150C, -, 0.8V, 5 |     |
| 0803-000117 | IC110 | IC-TTL            | 74F14, INVERTER, SOP, 14P, 150MIL,                                                             |     |

|             |       |                      |                                                                                                |     |
|-------------|-------|----------------------|------------------------------------------------------------------------------------------------|-----|
| 0803-000117 | IC24  | IC-TTL               | 74F14, INVERTER, SOP, 14P, 150MIL,                                                             |     |
| 0903-001202 | IC23  | IC-MICROCONTROLLER   | 80251G2, 8Bit, PLCC, 44P, 653MIL, 24MHZ, TR, CMOS, PLASTIC, 5V, 1.5W, 0to+70C, 1KBYTE, -, 24Bi | SNA |
| 1103-000138 | IC18  | IC-EEPROM            | 24C16, 2Kx8BIT, SOP, 8P, 150MIL, 10                                                            |     |
| 1103-001023 | IC41  | IC-EEPROM            | 524C80D81, 1028x8Bit, SOP, 8P, 150MIL, 10mS, 5V, 10%, PLASTIC, 0to+70C, 110uA, CMOS, TP        |     |
| 1103-001164 | IC19  | IC-EEPROM            | 24LC21A, 128x8BIT, SOP, 8P, 150MIL, -, 5V, 10%, PLASTIC, 0 TO +70C, 100UA, CMOS, TP            |     |
| 1105-001391 | IC64  | IC-DRAM              | EM638325, 2MX32BIT, TSOP(II), 86P, 400MIL, 60NS, 3.3V, 10%, PLASTIC, 0TO+70C, 3MA, -, TR       |     |
| 1201-001495 | IC51  | IC-AUDIO AMP         | 7050, SOP, 8P, 150MIL, DUAL, 26DB, PLASTIC, 6V, 0.25W, -, 40DB, -, -, 20NA, -                  |     |
| 1201-001681 | IC55  | IC-AUDIO AMP         | 1101, SOP, 30P, 433MIL, -, -, PLASTIC, 13.2V, -, 0to+70C, -, -, -, -, TP                       |     |
| 1203-001109 | IC21  | IC-VOL. DETECTOR     | 7045, SOT-89, 3P, -, PLASTIC, 4.3/4                                                            |     |
| 1203-001293 | IC14  | IC-POS1.FIXED REG.   | 033, TO-252, 3P, 6.5MIL, PLASTIC, 3                                                            |     |
| 1203-001447 | IC16  | IC-POS1.FIXED REG.   | 2596, TO-263, 5P, -, PLASTIC, 3.135                                                            |     |
| 1203-001448 | IC11  | IC-SWITCH VOL. REG.  | 2596, TO-263, 5P, -, PLASTIC, 4.750                                                            |     |
| 1203-001465 | IC17  | IC-POS1.ADJUST REG.  | 317, TO-263, 3P, -, PLASTIC, 1.2/37                                                            |     |
| 1203-001779 | IC54  | IC-POS1.FIXED REG.   | 7812, D2PAK, 3P, -, PLASTIC, 11.5/12.5V, -, -40TO+125CC, 1A, -, TP                             |     |
| 1203-001816 | IC52  | IC-POS1.FIXED REG.   | 78M08, TO-252, 3P, -, PLASTIC, 7.7/8.3V, 1.0W, -40TO+85C, 0.5A, -, TP                          |     |
| 1203-002410 | IC109 | IC-POS1.ADJUST REG.  | KA317MR, D-PAK, 3P, 240MIL, PLASTIC, 40V, -, 0TO+125C, 0.5A, 1.2/1.3V, TP                      |     |
| 1203-002454 | IC13  | IC-VOLTAGE REGULATOR | FAN1117A, TO-252, 3P, 257MIL, PLASTIC, 1.764V/1.836V, -, 0TO+125C, 1A, 1.225/1.275V, TP        |     |
| 1204-001551 | IC31  | IC-VIDEO SYSTEM      | GS1881, SOIC, 8P, 150MIL, PLASTIC, 13.2V, -, 0TO+70C, TP, VIDEO SYNC SEPARATOR                 |     |
| 1204-001997 | IC401 | IC-DECODER           | VSP9415B-B11, MQFP, 80P, 14X14MM, PLASTIC, 3.47V, 1.1W, 0TO+70C, TR, OPTIMUS                   |     |
| 1204-002007 | IC53  | IC-SOUND PROCESSOR   | MSP3411G-QA-B8, PQFP, 80P, 20X14MM, PLASTIC, 8.7V, 1W, 0TO+70C, TR, -                          |     |
| 1205-001740 | IC61  | IC-TRANSMITTER       | DS90C385, TSSOP, 56P, 240MIL, PLASTIC, 4V, 1.63W, -10 TO +70C, ST, FPD LINK-85MHZ(LVDS)        |     |
| 1205-001740 | IC62  | IC-TRANSMITTER       | DS90C385, TSSOP, 56P, 240MIL, PLASTIC, 4V, 1.63W, -10 TO +70C, ST, FPD LINK-85MHZ(LVDS)        |     |
| 1205-002028 | IC32  | IC-LCD CONTROLLER    | JAGASM, BGA, 388P, 208MIL, PALATIC, 3.45V, 2.5W, -40TO+125C, TR, DIGITAL DISPLAY PRO.          |     |
| 2007-000070 | BD11  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | BD12  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | BD13  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1007 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1009 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1010 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1011 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1012 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1013 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R118  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R119  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R120  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R1431 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R19   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R215  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R216  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R217  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R218  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2556 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2557 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2558 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2570 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R2584 | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R310  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R311  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R312  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R313  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R314  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R315  | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R33   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R34   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R35   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R36   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R37   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R38   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |
| 2007-000070 | R39   | R-CHIP               | 0ohm, 5%, 1/16W, DA, TP, 1608                                                                  |     |









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|-------------|-------|--------|-----------------------------|
| 2007-000074 | R534  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R535  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R536  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R537  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R538  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R982  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R219  | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2552 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2553 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2554 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2555 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R545  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R546  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R15   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R16   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R17   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R18   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R210  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R211  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R212  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R29   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R43   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R44   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R45   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000078 | R1005 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R11   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R21   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R22   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R23   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R24   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R25   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R26   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R27   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R28   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R31   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R32   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R468  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R469  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R471  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R473  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R51   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R415  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R416  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R417  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000081 | R549  | R-CHIP | 2.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R132  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R133  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R135  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R137  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R138  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R239  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R240  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R241  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R242  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R243  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R244  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R245  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R246  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R247  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |

|             |       |        |                             |
|-------------|-------|--------|-----------------------------|
| 2007-000084 | R248  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R249  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R250  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R251  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R252  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R253  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R254  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R2635 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R371  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4551 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4552 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4553 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4554 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4557 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4558 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R459  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R527  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R539  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R550  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R551  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000086 | R548  | R-CHIP | 5.6Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000090 | R139  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R140  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R141  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R142  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R255  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R256  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R257  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R258  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R372  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R373  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R374  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R54   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R540  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R541  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R55   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R56   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R57   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R643  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R116  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R117  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R41   | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R552  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R553  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R445  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R446  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R447  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R448  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R449  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R450  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R451  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R452  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R52   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R53   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R213  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R214  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R510  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R511  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R58   | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |

|             |       |           |                             |
|-------------|-------|-----------|-----------------------------|
| 2007-000098 | R59   | R-CHIP    | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000102 | R148  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R149  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R150  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R151  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R4532 | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R476  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R542  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R837  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000109 | R547  | R-CHIP    | 1Mohm,5%,1/16W,DA,TP,1608   |
| 2007-000124 | R13   | R-CHIP    | 2.2Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000125 | R1023 | R-CHIP    | 3.9Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1017 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1018 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1019 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R113  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R114  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R115  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000309 | R321  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R322  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R323  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R324  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R325  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R326  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R543  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R544  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000402 | R1020 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1021 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1022 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000616 | R414  | R-CHIP    | 24Kohm,5%,1/16W,DA,TP,1608  |
| 2007-001044 | R475  | R-CHIP    | 56ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R144  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R145  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R146  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R147  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R376  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R381  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R382  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R383  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4535 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4536 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4537 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4538 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4559 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R464  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R467  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R470  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R472  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R474  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R987  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R992  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-007985 | R320  | R-CHIP    | 620Kohm,1%,1/16W,DA,TP,1608 |
| 2011-000002 | RA31  | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA310 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA311 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA312 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA313 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA314 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA315 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |

[illegible]



|             |       |                |                                |
|-------------|-------|----------------|--------------------------------|
| 2203-000236 | C232  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C233  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C234  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C427  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C428  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C4482 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C5253 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C545  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C546  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C547  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C548  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C549  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C550  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000257 | C154  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C155  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C156  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C157  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C158  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C159  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C160  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C225  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C373  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C374  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C375  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C376  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C383  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C411  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C412  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C413  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C439  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C441  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C442  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000280 | C430  | C-CERAMIC,CHIP | 0.01nF,0.5pF,50V,NP0,TP,1608   |
| 2203-000384 | C384  | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608     |
| 2203-000440 | C365  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C366  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C367  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C368  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C369  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C370  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C424  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C540  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C541  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C635  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C637  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C638  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C639  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C640  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000552 | C443  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | C444  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | C53   | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | U518  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | U519  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000626 | C445  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608     |
| 2203-000626 | C446  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608     |
| 2203-000697 | C125  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C126  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C127  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C32   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |



|             |       |                |                                 |
|-------------|-------|----------------|---------------------------------|
| 2203-000697 | C33   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000697 | C34   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000701 | C571  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000701 | C572  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000715 | C574  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000715 | C575  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000784 | C223  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C224  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C426  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000903 | C41   | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C525  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C526  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000972 | C43   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C44   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C450  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C451  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C452  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C4845 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C573  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000998 | C431  | C-CERAMIC,CHIP | 0.047nF,5%,50V,NP0,TP,1608      |
| 2203-001077 | C27   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C28   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C522  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C523  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C524  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5251 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5252 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001417 | C210  | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001417 | C29   | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001607 | C570  | C-CERAMIC,CHIP | 0.22nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C449  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C553  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C554  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C555  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-002793 | C414  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-002793 | C576  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-005005 | C372  | C-CERAMIC,CHIP | 100nF,10%,16V,X7R,TP,1608       |
| 2203-005015 | C556  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C557  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C558  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C559  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C560  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C561  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C562  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C563  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C564  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C565  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C566  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C567  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C568  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C569  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005065 | C131  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C132  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C133  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C134  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C135  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C136  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C137  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C138  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |

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| 2203-005065 | C139  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C140  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C141  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C211  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C212  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C213  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C214  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C321  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C35   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C36   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C37   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C415  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C416  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C417  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C418  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C419  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C420  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C47   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C48   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C49   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U520  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U521  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U522  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U523  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U524  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2402-000108 | C317  | C-AL,SMD       | 10uF,20%,16V,WT,TP,4.3x4.3x5.4 |
| 2402-000135 | C65   | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 |
| 2402-000135 | U527  | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 |
| 2402-000144 | C3890 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. |
| 2402-000144 | C5244 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. |
| 2402-000170 | C521  | C-AL,SMD       | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, |
| 2402-000176 | C119  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C120  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C121  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C122  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C123  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C21   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C22   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C23   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C31   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3246 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3300 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3390 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3552 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3688 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3782 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C4728 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C5239 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C54   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C55   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C56   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C57   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C61   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C62   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C63   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C64   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U502  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U503  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U528  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |

|             |       |              |                                   |
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| 2402-000176 | U531  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000176 | U532  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000179 | C318  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-000179 | C319  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-001006 | C25   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C26   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C314  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C315  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C517  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C518  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C519  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C520  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C777  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C782  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001042 | C110  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C113  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C17   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C18   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C19   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C24   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C4186 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C510  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C511  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C512  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C513  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C514  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C5247 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C58   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C59   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | U526  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001044 | C13   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001044 | C14   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001081 | C11   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001081 | C12   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001086 | C112  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C114  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C15   | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001157 | C515  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C516  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C551  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C552  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2503-001018 | CA31  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA311 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA312 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA313 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA314 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA315 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA32  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA33  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA330 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA34  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA35  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA36  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2703-001070 | U529  | INDUCTOR-SMD | 100uH,10%,4.5x3.2x3.2mm           |
| 2703-001334 | L113  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001334 | L114  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001334 | L115  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001778 | L117  | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM           |
| 2703-001778 | L118  | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM           |

|             |       |                   |                                              |     |
|-------------|-------|-------------------|----------------------------------------------|-----|
| 2703-001778 | L31   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L32   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L41   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L42   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L51   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L52   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2801-003667 | X21   | CRYSTAL-SMD       | 14.3182MHZ,50PPM,28-AAN,16,500HM,TP          |     |
| 2801-003773 | U530  | CRYSTAL-SMD       | 12MHZ,30PPM,28-AAN,20PF,500HM,TP             |     |
| 2801-003843 | X51   | CRYSTAL-SMD       | 18.432MHZ,30ppm,28-AAN,20pF,50ohm,TP         |     |
| 2801-004004 | X41   | CRYSTAL-SMD       | 20.25MHZ,20ppm,28-AAN,13pF,25ohm,TP          |     |
| 2901-001133 | FT31  | FILTER-EMI SMD    | 25V,0.15A,-,33pF,2x1.25x0.8mm,TP             |     |
| 3301-001145 | BD51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT11  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT12  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT13  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT14  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT32  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT52  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT61  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT62  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT63  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT66  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L11   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L12   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L13   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L14   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L15   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L19   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | U504  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001163 | BD109 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD14  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD21  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD210 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD211 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD212 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD213 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD214 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD215 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD216 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD217 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD218 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD219 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD22  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD220 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD221 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD222 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD223 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD224 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD23  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD24  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD25  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD26  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD27  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD28  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD29  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD41  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD42  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD43  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |

|                  |             |                     |                                                                                  |     |
|------------------|-------------|---------------------|----------------------------------------------------------------------------------|-----|
| 3301-001163      | BD44        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | BD52        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | DB21        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163      | U512        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3704-000250      | IC22_SOCKET | SOCKET- IC          | 32P,PLCC,SN,-                                                                    |     |
| 3711-000556      | CN26        | CONNECTOR-HEADER    | BOX,12P,1R,1.25mm,SMD-A,SN                                                       | SNA |
| 3711-002046      | CN13        | CONNECTOR-HEADER    | 3WALL,12P,1R,1.25mm,SMD-S,SN                                                     | SNA |
| 3711-002049      | CN22        | CONNECTOR-HEADER    | BOX,6P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-002049      | CN23        | CONNECTOR-HEADER    | BOX,6P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-002127      | CN21        | CONNECTOR-HEADER    | BOX,8P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-004070      | CN62        | CONNECTOR-HEADER    | BOX,30P,1R,1.25mm,SMD-A,SN                                                       | SNA |
| BN27-00002A      | L111        | COIL-CHOKE(SMD)     | 47uH,47uH,20%,12*12*8mm,22.5Ts,SMD,-,-,0.75ohm,-,-,TP                            |     |
| BN27-00007A      | L53         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A      | L54         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A      | L55         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A      | L56         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-20001A      | L116        | COIL-CHOKE          | -,53.0UH,20%,DR10*5,-,-,-,0.18ohm,-,-,TRAY                                       |     |
| BN41-00222A      | MP1.0       | PCB MAIN            | ES15S0,FR4,6L,228X157X1.6,E0S                                                    | SNA |
| BN91-00558B      | -           | ASSY SHIELD         | ES17S0                                                                           | SNA |
| 0203-001160      | CIS         | TAPE-FILAMENT       | SCOTCH#8915,T0.16,W48,L55M,TRP                                                   | SNA |
| 0203-001311      | CIS         | TAPE-CONDUCTOR      | DK-K102-90-50,T0.13,W50,L90,GRAY                                                 | SNA |
| 6003-000276      | C/F+AUD/PCB | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| 6003-000276      | C/F+B/GUIDE | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| 6003-000276      | C/F+SH/PCB  | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN39-00202B      | CIS         | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,12P,-,-,#28,SMH200-12,12505HS-12,BK,-,-,250MM,2835#28,SJ |     |
| BN59-00215A      | CIS         | PBA SUB             | CN17VS,AV PBA FUNCTION,-,-,-,-                                                   |     |
| BN70-00192A      | CIS         | BRACKET-SUPPORT     | RB15AS,SECC,0.8                                                                  | SNA |
| BN91-00567C      | -           | ASSY LCD            | ES17"                                                                            | SNA |
| BN07-00097A      | CIS         | LCD                 | LTM170EH-L05,ES17AS,1280*1024,383.5*298*15,16.19M,56,0.264*0.264,0°55,5.0,TN,-   |     |
| BN92-00285A      | -           | ASSY P/MATERIAL     | ES17AS                                                                           | SNA |
| 0203-001100      | CIS         | TAPE-OPP MASKING    | OPP/W75/CLR,T0.05,W75,L800000,CLR                                                | SNA |
| BH69-00376D      | CIS         | PACKING-PALLET      | ES17AS,WOODEN,-,-,1232,1032,120,-,-,-                                            | SNA |
| BH69-00457A      | CIS         | PACKING-PAD         | GH17,FOAM,T3.0,1180,1130                                                         | SNA |
| BH69-30355E      | CIS         | BAG-PE/N            | NK15,PE FOAM,0.5,650,650,NTR                                                     | SNA |
| BH69-40321J      | CIS         | PACKING-PAD EDGE    | PN15VT,B400,-,-,W140,L1154,-,-,-,SKD                                             | SNA |
| BH69-40379A      | CIS         | PACKING-WRAP        | LDPE,W500*T0.02,-,-                                                              | SNA |
| BN68-00129A      | CIS         | LABEL SHIPPING      | -,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-,-                                | SNA |
| BN69-00140T      | CIS         | PAD-PALLET COVER    | SUN(LSA810),SW,900,3760,-,-,-,-                                                  | SNA |
| BN69-00242A      | CIS         | CUSHION-R/L         | ES17AS,EPS,-,-,-,-,M50                                                           | SNA |
| BN92-00449C      | -           | ASSY LABEL          | ES17S0                                                                           | SNA |
| BN68-00234B      | LABEL       | LABEL RATING        | ES17AS,EDC,PE,T0.05,90,45,SYNC,-,PE NATURE,-,-                                   | SNA |
| BN92-00655H      | -           | ASSY BOX            | GG15LS                                                                           | SNA |
| BH75-10529C      | CIS         | UNIT-HANDLE/PACKING | S/M170MP,PE-LD,PE-HD,-,WHITE,-                                                   |     |
| BN72-60001A      | CIS         | LEVER TOP           | LSD210TL,PE-LD,WHITE,TFT_LCD                                                     | SNA |
| BN72-60002C      | CIS         | LEVER BOTTOM        | S/M170MP,PE-HD,BLUE                                                              | SNA |
| BN68-00135A      | CIS         | LABEL BAR CODE      | -,ALL,MPRII,DOM,ART-PAPER 90G,-,WHT,BLACK,-,-,-                                  | SNA |
| BN69-00267G      | CIS         | BOX                 | LW17E24C,ARABIA,CB-SW4,WHT,OFFSET,A-1,L599*W499*H234                             | SNA |
| BN92-00665F      | -           | ASSY ACCESSORY      | ES15/17S0,SOUTH AFRICA                                                           | SNA |
| BN96-00264F      | -           | ASSY ACCESSORY      | ES15/17S0,SOUTH AFRICA                                                           |     |
| 0203-000214      | CIS         | TAPE-OPP MASKING    | OPP/W50/CLR,T0.05,W50,L400000,                                                   | SNA |
| 4301-000121      | CIS         | BATTERY-MN          | 1.5V,-,AAA,10.5x44.5m,HOLDER                                                     | SNA |
| 6801-001063      | CIS         | CARD-REGISTRATION   | -,SAMSUNG,ENG+ARAB,MOJ0100,-,W720,L120,-,-                                       | SNA |
| BH39-00371A      | CIS         | CBF POWER CORD      | S-AFRICAN,SP-80A,1.0/3C,250V16A,16A,1800±50MM,3PIN SOUTH AFRICAN ,IVORY,SABS,CE  |     |
| BH69-30348D      | CIS         | BAG-PE              | LDPE,T0.05,W240*L356,Y,-,CMG73                                                   | SNA |
| BN39-00043A      | CIS         | CBF SIGNAL          | DETACHABLE,-,15P/15P,-,-,-                                                       |     |
| BN59-00225C      | CIS         | REMOCON             | ,TM71,E0S,40,PAL,TTX                                                             |     |
| BN68-00266D      | CIS         | MANUAL-S/D          | LS15E23CB,LS17E24CB,SAMSUNG,E,Page 154W/P(100G),A5                               |     |
| S5-LS17E24CX/XSG | -           | 4                   | LTM170EH-L05 ZPD                                                                 | -   |
| BN90-00421A      | -           | ASSY STAND          | ES17*                                                                            | SNA |

|             |                 |                   |                                                                                  |     |
|-------------|-----------------|-------------------|----------------------------------------------------------------------------------|-----|
| 6001-000154 | STD+C/R         | SCREW-MACHINE     | BH,+,M4,L8,NI PLT,SWRCH18A,FP,-                                                  |     |
| BN96-00204A | STD             | ASSY STAND P      | EOS/NIKE17",SILVER SPRAY                                                         | SNA |
| 6003-000009 | STD             | SCREW-TAPTITE     | BH,+,B,M4,L16,ZPC(YEL),SWRCH18                                                   | SNA |
| 6003-001010 | STD             | SCREW-TAPTITE     | FH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   |     |
| 6003-001315 | STD             | SCREW-TAPTITE     | BH,+,B,M4,L20,ZPC(YEL),SWRCH18A                                                  | SNA |
| BH73-60339A | STD             | RUBBER-LEG        | SLC1400,EVA,GRAY,65HB,DIA13*H2                                                   | SNA |
| BN61-00184A | STD             | STAND-BASE        | ES15AS,ABS PC,GR40,SV-012P                                                       | SNA |
| BN61-00266A | STD             | FRAME-STAND BASE  | EOS / NIKE,EGI T1.2                                                              |     |
| BN72-00254A | STD             | STAND-COVER REAR  | EOS 15,ABS,HB,IV16,SPRAY                                                         | SNA |
| BN72-00257A | STD             | STAND FRONT       | EOS 15,ABS,HB,16,SPRAY                                                           | SNA |
| BN75-00211A | STD             | UNIT-HINGE        | EOS15,-,SECC T2.0,-,-,-,-                                                        | SNA |
| BN90-00423A | -               | ASSY COVER REAR   | ES17S0                                                                           | SNA |
| BN90-00034E | C/REAR          | ASSY REAR-COVER   | ES17S0(VE),ABS HB,SV-012P,PAL                                                    | SNA |
| BN63-00091A | C/R             | COVER-REAR        | ES17AS,ABS ,-, -, -,HB,-,IV16,NONE,1.5                                           | SNA |
| BN70-00176A | C/R             | BRACKET VESA      | RB15AS,SECC,1                                                                    | SNA |
| BN90-00453V | -               | ASSY COVER FRONT  | ES17S0                                                                           | SNA |
| 6003-001319 | C/F+C/R         | SCREW-TAPTITE     | BH,+,B,M3,L10,NI PLT,SWRCH18A,-                                                  | SNA |
| BN90-00019H | CIS             | ASSY COVER FRONT  | ES17S0(VE),ABS HB ,SPRAY,TANTUS SILK                                             |     |
| 6002-000129 | CIS             | SCREW-TAPPING     | FH,+,2S,M3,L8,ZPC(BLK),SM20C                                                     | SNA |
| 6003-000276 | CIS             | SCREW-TAPTITE     | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN59-00214A | CIS             | BOARD             | CN17VS,FUNCTION KEY,-,-,-,-                                                      | SNA |
| BN59-00216A | CIS             | PBA SUB           | CN17VS,IR PBA SUB,-,-,-,-                                                        | SNA |
| BN59-00263A | CIS             | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-L,100X42,WIRE:240MM                                        | SNA |
| BN59-00264A | CIS             | SPEAKER SYSTEM    | EOS/NIKE17,EOS/NIKE17-R,100X42,WIRE:590MM                                        | SNA |
| BN63-00090A | CIS             | COVER-FRONT       | ES17AS,ABS ,-, -, -,HB,-,IV16,NONE,1.5                                           | SNA |
| BN63-00092A | CIS             | COVER-GRILL       | ES17AS,ABS ,-, -, -,HB,-,IV16,NONE,1.5                                           | SNA |
| BN64-00031A | CIS             | BADGE-BRAND       | RB15AS,AL,T1.4,6.3,40.1,-,SILIVER,-                                              | SNA |
| BN64-00035A | CIS             | KNOB-FUNCTION     | EOS15,ABS,IV16,-, -,HB,SPRAY,-,-                                                 | SNA |
| BN67-00020A | CIS             | LENS-LED          | EOS15,ACRYL,CLEAR,-,-,-,-                                                        |     |
| BN91-00305C | -               | ASSY MISC-ADAPTOR | ES17AS                                                                           | SNA |
| BN44-00063A | CIS             | ADAPTOR           | AD-4914N,EOS17,100-240VAC,47 - 63 HZ,+14VDC,3.5A,-,49W,-,0 TO +40 C,120*63*31,SA |     |
| BN91-00509A | -               | ASSY CHASSIS      | ES17S0                                                                           |     |
| BN94-00392A | -               | ASSY PCB MAIN     | ES17S0,ES17S0-SXX8/0910                                                          | SNA |
| 0201-001223 | CIS             | ADHESIVE-TS       | HT-130S,RED,700+/- 50,-                                                          | SNA |
| 0202-001044 | CIS             | SOLDER-WIRE.      | S63S-W3.0,S63S,D3,63Sn/37Pb,-                                                    | SNA |
| 0202-001046 | CIS             | SOLDER-WIRE FLUX  | CF-110VH-2A,-,-,-,-                                                              | SNA |
| 0202-001222 | CIS             | SOLDER-WIRE FLUX  | RS-107,RS60-1.2AA,D1.2,SN60/PB40,-                                               | SNA |
| 0204-001095 | CIS             | THINNER           | #4520,-,-,-                                                                      | SNA |
| 1204-001904 | IC42            | IC-PAL DECODER    | SAA5264PS,SDIP,52P,600MIL,PLASTIC,3.6V,-,-20TO+70C,ST,IC-DECODER                 |     |
| 2401-002286 | C115            | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286 | C116            | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2401-002286 | U501            | C-AL              | 470uF,20%,16V,WT,TP,10x12.5,5                                                    |     |
| 2701-000146 | L47             | INDUCTOR-AXIAL    | 2.2uH,10%,2.5x3.4mm                                                              |     |
| 2701-000157 | L43             | INDUCTOR-AXIAL    | 220uH,5%,2.5x3.4mm                                                               |     |
| 2701-000177 | L45             | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000177 | L46             | INDUCTOR-AXIAL    | 33uH,10%,2.5x3.4mm                                                               |     |
| 2701-000210 | L44             | INDUCTOR-AXIAL    | 680uH,10%,3x7mm                                                                  |     |
| 3701-001219 | CN11            | CONNECTOR-DSUB    | 15P,3R,FEMALE,ANGLE,AUF                                                          |     |
| 3711-004270 | CN53            | CONNECTOR-HEADER  | BOX,2P,1R,2MM,ANGLE,SN                                                           | SNA |
| 3711-004386 | CN52            | CONNECTOR-HEADER  | BOX,3P,1R,2mm,ANGLE,SN                                                           | SNA |
| 3722-000117 | CN12            | JACK-DC POWER     | 3P,3.5MM,AG,BLK,NO                                                               | SNA |
| 3722-001055 | CN51            | JACK-PHONE        | 5P/2C,3.6PI,AG,BLK,#16-22                                                        |     |
| 3722-001547 | CN24            | JACK-PIN          | 3P,3.5mm,AU,GRN/BLU/RED,-                                                        |     |
| 3722-001756 | CN25            | JACK-PIN          | 2P,-,AU,WHT/RED,-                                                                |     |
| 6003-000117 | IN/PCB+SH/PCB   | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | M/PCB+SH/PCB    | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| 6003-000117 | SH/PCB+SH/D_SUB | SCREW-TAPTITE     | BH,+,B,M3,L6,ZPC(YEL),SWRCH18A                                                   | SNA |
| BN39-00047A | CIS             | CBF-HARNESS       | 100MM,100MM,BLU/WHT/GRY,UL1061,AWG28,51021-1200                                  |     |
| BN39-00134A | CIS             | CBF HARNESS       | RB17AS,UL1571#30,UL/CSA,30P/30P,240MM,BLUE/WHITE,#30,FI-X30X,DF14-30S-1.25C,1250 |     |

|             |      |                     |                                                                                  |     |
|-------------|------|---------------------|----------------------------------------------------------------------------------|-----|
| BN39-00217A | CIS  | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,6P,-,-,#28,12505HS-06,51021-0600,BK,-,-,180MM,2835#28,SJ |     |
| BN40-00009A | CN41 | TUNER               | TCPS9091PD27A,PAL,HYPER,38.9MHZ,2.5V,75 OHM,75 OHM,D1N,5V,TR                     |     |
| BN44-00041A | CIS  | INVERTER            | ML17,SIC1803,48KHz,14VDC,1.5mArms,7.2mArms,48KHz,160*45*17,4LAMP,48KHz,-,-       |     |
| BN83-00065A | CIS  | CKD-BN44-00056A     | BN44-00056A,1203-000560                                                          | SNA |
| BN83-00066A | CIS  | CKD-BN44-00056A     | BN44-00056A,1201-000471                                                          | SNA |
| BN83-00067A | CIS  | CKD-BN44-00056A     | BN44-00056A,1202-000104                                                          | SNA |
| BN83-00068A | CIS  | CKD-BN44-00056A     | BN44-00056A,0504-000158                                                          | SNA |
| BN83-00069A | CIS  | CKD-BN44-00056A     | BN44-00056A,0501-000457                                                          | SNA |
| BN83-00070A | CIS  | CKD-BN44-00056A     | BN44-00056A,0504-000129                                                          | SNA |
| BN83-00071A | CIS  | CKD-BN44-00056A     | BN44-00056A,0501-000462                                                          | SNA |
| BN83-00074A | CIS  | CKD-BN44-00056A     | BN44-00056A,0407-000114                                                          | SNA |
| BN83-00076A | CIS  | CKD-BN44-00056A     | BN44-00056A,0407-000122                                                          | SNA |
| BN83-00081A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-000206                                                          | SNA |
| BN83-00082A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-001458                                                          | SNA |
| BN83-00083A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-000455                                                          | SNA |
| BN83-00084A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-000590                                                          | SNA |
| BN83-00085A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-001130                                                          | SNA |
| BN83-00086A | CIS  | CKD-BN44-00056A     | BN44-00056A,2203-002793                                                          | SNA |
| BN83-00092A | CIS  | CKD-BN44-00056A     | BN44-00056A,2007-000872                                                          | SNA |
| BN83-00106A | CIS  | CKD-BN44-00056A     | BN44-00056A,2104-000224                                                          | SNA |
| BN83-00108A | CIS  | CKD-BN44-00056A     | BN44-00056A,3601-001038                                                          | SNA |
| BN83-00110A | CIS  | CKD-BN44-00056A     | BN44-00056A,3711-000556                                                          | SNA |
| BN83-00111A | CIS  | CKD-BN44-00056A     | BN44-00056A,3711-004702                                                          | SNA |
| BN83-00264A | CIS  | CKD-0402-000554     | INVERTER                                                                         |     |
| BN83-00265A | CIS  | CKD-0501-002218     | INVERTER                                                                         |     |
| BN83-00266A | CIS  | CKD-0505-001220     | INVERTER                                                                         |     |
| BN83-00267A | CIS  | CKD-0505-001348     | INVERTER                                                                         |     |
| BN83-00268A | CIS  | CKD-2007-000003     | INVERTER                                                                         |     |
| BN83-00269A | CIS  | CKD-2007-000029     | INVERTER                                                                         |     |
| BN83-00270A | CIS  | CKD-2007-000221     | INVERTER                                                                         |     |
| BN83-00271A | CIS  | CKD-2007-000282     | INVERTER                                                                         |     |
| BN83-00272A | CIS  | CKD-2007-000300     | INVERTER                                                                         |     |
| BN83-00273A | CIS  | CKD-2007-000534     | INVERTER                                                                         |     |
| BN83-00274A | CIS  | CKD-2007-000546     | INVERTER                                                                         |     |
| BN83-00275A | CIS  | CKD-2007-000615     | INVERTER                                                                         |     |
| BN83-00276A | CIS  | CKD-2007-000689     | INVERTER                                                                         |     |
| BN83-00277A | CIS  | CKD-2007-000703     | INVERTER                                                                         |     |
| BN83-00278A | CIS  | CKD-2007-000793     | INVERTER                                                                         |     |
| BN83-00279A | CIS  | CKD-2007-000830     | INVERTER                                                                         |     |
| BN83-00280A | CIS  | CKD-2007-000844     | INVERTER                                                                         |     |
| BN83-00281A | CIS  | CKD-2007-000941     | INVERTER                                                                         |     |
| BN83-00282A | CIS  | CKD-2007-001039     | INVERTER                                                                         |     |
| BN83-00283A | CIS  | CKD-2007-001113     | INVERTER                                                                         |     |
| BN83-00284A | CIS  | CKD-2007-001241     | INVERTER                                                                         |     |
| BN83-00285A | CIS  | CKD-2007-001710     | INVERTER                                                                         |     |
| BN83-00286A | CIS  | CKD-2007-002529     | INVERTER                                                                         |     |
| BN83-00287A | CIS  | CKD-2201-002115     | INVERTER                                                                         |     |
| BN83-00288A | CIS  | CKD-2203-002494     | INVERTER                                                                         |     |
| BN83-00289A | CIS  | CKD-2301-001359     | INVERTER                                                                         |     |
| BN83-00291A | CIS  | CKD-2401-003549     | INVERTER                                                                         |     |
| BN83-00293A | CIS  | CKD-LH26-00135A     | INVERTER                                                                         |     |
| BN83-00295A | CIS  | CKD-LH26-00136A     | INVERTER                                                                         |     |
| BN83-00297A | CIS  | CKD-LH27-00145A     | INVERTER                                                                         |     |
| BN83-00299A | CIS  | CKD-LH41-00227A     | INVERTER                                                                         |     |
| BN83-00300A | CIS  | CKD-LH72-00173A     | INVERTER                                                                         |     |
| BN83-00301A | CIS  | CKD-LH93-05016Z     | INVERTER                                                                         |     |
| BN83-00302A | CIS  | CKD-LH93-10009P     | INVERTER                                                                         |     |
| BN83-00303A | CIS  | CKD-LH93-20016M     | INVERTER                                                                         |     |
| BN63-00059A | CIS  | GASKET              | GH17MS,CONDUCTIVE FABRIC,5MM,160MM,17MM,-,-,EMI-GASKET                           | SNA |

|             |       |                   |                                                                                                |     |
|-------------|-------|-------------------|------------------------------------------------------------------------------------------------|-----|
| BN63-00121A | CIS   | GASKET            | EOS, CONDUCTIVE FABRIC, 4MM, 30MM, 80MM, GRAY, 71TSSK 30-4-80-13, 71TSSK 30-4-80-13            | SNA |
| BN90-00030C | CIS   | ASSY SHIELD-D-SUB | ES17NS, NTSC, SPTE, T0.5, -, -, -, -                                                           | SNA |
| BN90-00033A | CIS   | ASSY SHIELD-PCB   | ES17AS, PAL, SECC, T0.8, -, -, -, -                                                            | SNA |
| BN97-00164C | -     | ASSY MICOM        | ES17S0                                                                                         |     |
| 1102-001108 | IC22  | IC-EPROM          | 27C020, 256Kx8Bit, PLCC, 32P, 495MIL, 70nS, 5V, 10%, PLASTIC, 0to+70C, 100uA, CMOS, TR         |     |
| BN82-00075H | CIS   | A/S MICOM         | ES17S0                                                                                         | SNA |
| BN97-00177A | -     | ASSY SMD          | ES17S0, ES17S0-SXK8/0910                                                                       | SNA |
| 0202-001162 | CIS   | SOLDER-CREAM      | RMA-20-21L, S63, -, SN63/PB36.6/AG0.4, FLUX9.5%                                                | SNA |
| 0401-001056 | D15   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0401-001056 | D16   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0401-001056 | D17   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0401-001056 | D41   | DIODE-SWITCHING   | MMBD4148SE, 75V, 200MA, SOT-23, TP                                                             |     |
| 0402-000553 | D11   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                                      |     |
| 0402-000553 | D12   | DIODE-RECTIFIER   | SS24, 40V, 2.0A, DO-214AA                                                                      |     |
| 0403-000579 | D14   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | D210  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | D211  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | D29   | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-000579 | U525  | DIODE-ZENER       | BZX84C5V1, 5.1V, 5%, 200mW, SOT-23                                                             |     |
| 0403-001052 | D21   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D22   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D220  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D23   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D237  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D239  | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001052 | D55   | DIODE-ZENER       | RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S                                                             |     |
| 0403-001382 | D43   | DIODE-ZENER       | UDZ33B, 32.15-33.79V, 200mW, SOD-323, TP                                                       |     |
| 0403-001435 | D18   | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0403-001435 | D238  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0403-001435 | U507  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0403-001435 | U509  | DIODE-ZENER       | QZX363C5V6, 5.32-5.88, 200MW, SOT-363, TP                                                      |     |
| 0406-001163 | ZD21  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD22  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD25  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD26  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD27  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0406-001163 | ZD28  | DIODE-TVS         | CDS3C05GTA, 6.4V/-/-, -, SMD                                                                   |     |
| 0501-002080 | Q11   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q13   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q14   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q15   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q16   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q21   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q22   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q23   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q24   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q403  | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q41   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q42   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q43   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0501-002080 | Q44   | TR-SMALL SIGNAL   | 2SC2412K, NPN, 200mW, SC-59, TP, 120-270                                                       |     |
| 0505-001170 | IC111 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                                 |     |
| 0505-001170 | IC112 | FET-SILICON       | SI9933ADY-T1, P, -20V, 3.4A, 0.06ohm, 2W, SO-8                                                 |     |
| 0801-000411 | IC26  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                             |     |
| 0801-000411 | IC27  | IC-CMOS LOGIC     | 74HC32, OR GATE, SOP, 14P, 150MIL,                                                             |     |
| 0801-002268 | IC25  | IC-CMOS LOGIC     | 74VHC139, DECODER, SOP, 16P, 150MI                                                             |     |
| 0802-001108 | IC28  | IC-BICMOS LOGIC   | 74ABT573, LATCH, TSSOP, 20P, 173MIL, 8-Pin, PLASTIC, 3-STATE, -, 0.55V, -65TO+150C, -, 0.8V, 5 |     |
| 0803-000117 | IC110 | IC-TTL            | 74F14, INVERTER, SOP, 14P, 150MIL,                                                             |     |
| 0803-000117 | IC24  | IC-TTL            | 74F14, INVERTER, SOP, 14P, 150MIL,                                                             |     |



|             |       |                      |                                                                                  |     |
|-------------|-------|----------------------|----------------------------------------------------------------------------------|-----|
| 0903-001202 | IC23  | IC-MICROCONTROLLER   | 80251G2,8Bit,PLCC,44P,653MIL,24MHZ,TR,CMOS,PLASTIC,5V,1.5W,0to+70C,1KBYTE,-,24Bi | SNA |
| 1103-000138 | IC18  | IC-EEPROM            | 24C16,2Kx8BIT,SOP,8P,150MIL,10                                                   |     |
| 1103-001023 | IC41  | IC-EEPROM            | 524C80D81,1028x8Bit,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP      |     |
| 1103-001164 | IC19  | IC-EEPROM            | 24LC21A,128X8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP          |     |
| 1105-001391 | IC64  | IC-DRAM              | EM638325,2MX32BIT,TSOP(11),86P,400MIL,60NS,3.3V,10%,PLASTIC,0TO+70C,3MA,-,TR     |     |
| 1201-001495 | IC51  | IC-AUDIO AMP         | 7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,20NA,-                    |     |
| 1201-001681 | IC55  | IC-AUDIO AMP         | 1101,SOP,30P,433MIL,-,PLASTIC,13.2V,-,0to+70C,-,-,-,-,TP                         |     |
| 1203-001109 | IC21  | IC-VOL. DETECTOR     | 7045,SOT-89,3P,-,PLASTIC,4.3/4                                                   |     |
| 1203-001293 | IC14  | IC-POSIFIXED REG.    | 033,T0-252,3P,6.5MIL,PLASTIC,3                                                   |     |
| 1203-001447 | IC16  | IC-POSIFIXED REG.    | 2596,T0-263,5P,-,PLASTIC,3.135                                                   |     |
| 1203-001448 | IC11  | IC-SWITCH VOL. REG.  | 2596,T0-263,5P,-,PLASTIC,4.750                                                   |     |
| 1203-001465 | IC17  | IC-POSIAJUST REG.    | 317,T0-263,3P,-,PLASTIC,1.2/37                                                   |     |
| 1203-001779 | IC54  | IC-POSIFIXED REG.    | 7812,D2PAK,3P,-,PLASTIC,11.5/12.5V,-,-40TO+125CC,1A,-,TP                         |     |
| 1203-001816 | IC52  | IC-POSIFIXED REG.    | 78M08,T0-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP                      |     |
| 1203-002410 | IC109 | IC-POSIAJUST REG.    | KA317MR,D-PAK,3P,240MIL,PLASTIC,40V,-,0TO+125C,0.5A,1.2/1.3V,TP                  |     |
| 1203-002454 | IC13  | IC-VOLTAGE REGULATOR | FAN1117A,T0-252,3P,257MIL,PLASTIC,1.764V/1.836V,-,0TO+125C,1A,1.225/1.275V,TP    |     |
| 1204-001551 | IC31  | IC-VIDEO SYSTEM      | GS1881,S0IC,8P,150MIL,PLASTIC,13.2V,-,0TO+70C,TP,VIDEO SYNC SEPARATOR            |     |
| 1204-001997 | IC401 | IC-DECODER           | VSP9415B-B11,MQFP,80P,14X14MM,PLASTIC,3.47V,1.1W,0TO+70C,TR,OPTIMUS              |     |
| 1204-002007 | IC53  | IC-SOUND PROCESSOR   | MSP3411G-QA-B8,PQFP,80P,20X14MM,PLASTIC,8.7V,1W,0TO+70C,TR,-                     |     |
| 1205-001740 | IC61  | IC-TRANSMITTER       | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS)   |     |
| 1205-001740 | IC62  | IC-TRANSMITTER       | DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-10 TO +70C,ST,FPD LINK-85MHZ(LVDS)   |     |
| 1205-002028 | IC32  | IC-LCD CONTROLLER    | JAGASM,BGA,388P,208MIL,PALATIC,3.45V,2.5W,-40TO+125C,TR,DIGITAL DISPLAY PRO.     |     |
| 2007-000070 | BD11  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | BD12  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | BD13  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1007 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1009 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1010 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1011 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1012 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1013 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R118  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R119  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R120  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R1431 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R19   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R215  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R216  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R217  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R218  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2556 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2557 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2558 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2570 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R2584 | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R310  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R311  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R312  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R313  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R314  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R315  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R33   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R34   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R35   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R36   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R37   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R38   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R39   | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |
| 2007-000070 | R411  | R-CHIP               | 0ohm,5%,1/16W,DA,TP,1608                                                         |     |







|             |       |        |                             |
|-------------|-------|--------|-----------------------------|
| 2007-000074 | R535  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R536  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R537  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R538  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000074 | R982  | R-CHIP | 100ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R219  | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2552 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2553 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2554 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000075 | R2555 | R-CHIP | 220ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R545  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000076 | R546  | R-CHIP | 330ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R15   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R16   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R17   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R18   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R210  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R211  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R212  | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R29   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R43   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R44   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000077 | R45   | R-CHIP | 470ohm,5%,1/16W,DA,TP,1608  |
| 2007-000078 | R1005 | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R11   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R21   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R22   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R23   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R24   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R25   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R26   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R27   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R28   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R31   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R32   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R468  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R469  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R471  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R473  | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000078 | R51   | R-CHIP | 1Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R415  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R416  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000080 | R417  | R-CHIP | 2Kohm,5%,1/16W,DA,TP,1608   |
| 2007-000081 | R549  | R-CHIP | 2.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R132  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R133  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R135  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R137  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R138  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R239  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R240  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R241  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R242  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R243  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R244  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R245  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R246  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R247  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R248  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |

|             |       |        |                             |
|-------------|-------|--------|-----------------------------|
| 2007-000084 | R249  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R250  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R251  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R252  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R253  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R254  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R2635 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R371  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4551 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4552 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4553 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4554 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4557 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R4558 | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R459  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R527  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R539  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R550  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000084 | R551  | R-CHIP | 4.7Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000086 | R548  | R-CHIP | 5.6Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000090 | R139  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R140  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R141  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R142  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R255  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R256  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R257  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R258  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R372  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R373  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R374  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R54   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R540  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R541  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R55   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R56   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R57   | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000090 | R643  | R-CHIP | 10KOHM,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R116  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R117  | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000092 | R41   | R-CHIP | 15Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R552  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000093 | R553  | R-CHIP | 20Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R445  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R446  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R447  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R448  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R449  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R450  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R451  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000094 | R452  | R-CHIP | 22Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R52   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000097 | R53   | R-CHIP | 47Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R213  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R214  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R510  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R511  | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R58   | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |
| 2007-000098 | R59   | R-CHIP | 56Kohm,5%,1/16W,DA,TP,1608  |

|             |       |           |                             |
|-------------|-------|-----------|-----------------------------|
| 2007-000102 | R148  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R149  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R150  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R151  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R4532 | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R476  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R542  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000102 | R837  | R-CHIP    | 100Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000109 | R547  | R-CHIP    | 1Mohm,5%,1/16W,DA,TP,1608   |
| 2007-000124 | R13   | R-CHIP    | 2.2Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000125 | R1023 | R-CHIP    | 3.9Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1017 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1018 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R1019 | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R113  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R114  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000132 | R115  | R-CHIP    | 180Kohm,5%,1/16W,DA,TP,1608 |
| 2007-000309 | R321  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R322  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R323  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R324  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R325  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R326  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R543  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000309 | R544  | R-CHIP    | 10ohm,5%,1/16W,DA,TP,1608   |
| 2007-000402 | R1020 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1021 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000402 | R1022 | R-CHIP    | 150ohm,5%,1/16W,DA,TP,1608  |
| 2007-000616 | R414  | R-CHIP    | 24Kohm,5%,1/16W,DA,TP,1608  |
| 2007-001044 | R475  | R-CHIP    | 56ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R144  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R145  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R146  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R147  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R376  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R381  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R382  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R383  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4535 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4536 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4537 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4538 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R4559 | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R464  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R467  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R470  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R472  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R474  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R987  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-001167 | R992  | R-CHIP    | 75ohm,5%,1/16W,DA,TP,1608   |
| 2007-007985 | R320  | R-CHIP    | 620Kohm,1%,1/16W,DA,TP,1608 |
| 2011-000002 | RA31  | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA310 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA311 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA312 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA313 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA314 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA315 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |
| 2011-000002 | RA316 | R-NETWORK | 22ohm,5%,63mW,L,CHIP,8P,TP  |

[illegible]





|             |       |                |                                |
|-------------|-------|----------------|--------------------------------|
| 2203-000236 | C233  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C234  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C427  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C428  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C4482 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C5253 | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C545  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C546  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C547  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C548  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C549  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000236 | C550  | C-CERAMIC,CHIP | 0.1nF,5%,50V,NP0,TP,1608       |
| 2203-000257 | C154  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C155  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C156  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C157  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C158  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C159  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C160  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C225  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C373  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C374  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C375  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C376  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C383  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C411  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C412  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C413  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C439  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C441  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000257 | C442  | C-CERAMIC,CHIP | 10nF,10%,50V,X7R,TP,1608       |
| 2203-000280 | C430  | C-CERAMIC,CHIP | 0.01nF,0.5pF,50V,NP0,TP,1608   |
| 2203-000384 | C384  | C-CERAMIC,CHIP | 0.015nF,5%,50V,NP0,TP,1608     |
| 2203-000440 | C365  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C366  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C367  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C368  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C369  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C370  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C424  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C540  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C541  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C635  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C637  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C638  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C639  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000440 | C640  | C-CERAMIC,CHIP | 1nF,10%,50V,X7R,TP,1608,-      |
| 2203-000552 | C443  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | C444  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | C53   | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | U518  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000552 | U519  | C-CERAMIC,CHIP | 0.02nF,5%,50V,NP0,TP,1608      |
| 2203-000626 | C445  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608     |
| 2203-000626 | C446  | C-CERAMIC,CHIP | 0.022nF,5%,50V,NP0,TP,1608     |
| 2203-000697 | C125  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C126  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C127  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C32   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000697 | C33   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608 |

|             |       |                |                                 |
|-------------|-------|----------------|---------------------------------|
| 2203-000697 | C34   | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,1608  |
| 2203-000701 | C571  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000701 | C572  | C-CERAMIC,CHIP | 0.002nF,0.25pF,50V,NP0,TP,2012  |
| 2203-000715 | C574  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000715 | C575  | C-CERAMIC,CHIP | 3.3nF,10%,50V,X7R,TP,1608,-     |
| 2203-000784 | C223  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C224  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000784 | C426  | C-CERAMIC,CHIP | 0.33nF,5%,50V,NP0,TP,2012       |
| 2203-000903 | C41   | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C525  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000903 | C526  | C-CERAMIC,CHIP | 0.0047nF,0.25pF,50V,NP0,TP,1608 |
| 2203-000972 | C43   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C44   | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C450  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C451  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C452  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C4845 | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000972 | C573  | C-CERAMIC,CHIP | 47nF,10%,16V,X7R,TP,1608        |
| 2203-000998 | C431  | C-CERAMIC,CHIP | 0.047nF,5%,50V,NP0,TP,1608      |
| 2203-001077 | C27   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C28   | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C522  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C523  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C524  | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5251 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001077 | C5252 | C-CERAMIC,CHIP | 0.056nF,5%,50V,NP0,TP,2012      |
| 2203-001417 | C210  | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001417 | C29   | C-CERAMIC,CHIP | 0.036nF,5%,50V,NP0,TP,1608      |
| 2203-001607 | C570  | C-CERAMIC,CHIP | 0.22nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C449  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C553  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C554  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-001656 | C555  | C-CERAMIC,CHIP | 0.47nF,5%,50V,NP0,TP,1608       |
| 2203-002793 | C414  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-002793 | C576  | C-CERAMIC,CHIP | 1000nF,+80-20%,25V,Y5V,TP,2012  |
| 2203-005005 | C372  | C-CERAMIC,CHIP | 100nF,10%,16V,X7R,TP,1608       |
| 2203-005015 | C556  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C557  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C558  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C559  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C560  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C561  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C562  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C563  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C564  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C565  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C566  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C567  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C568  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005015 | C569  | C-CERAMIC,CHIP | 150nF,+80-20%,16V,Y5V,TP,1608   |
| 2203-005065 | C131  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C132  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C133  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C134  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C135  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C136  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C137  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C138  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |
| 2203-005065 | C139  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608  |

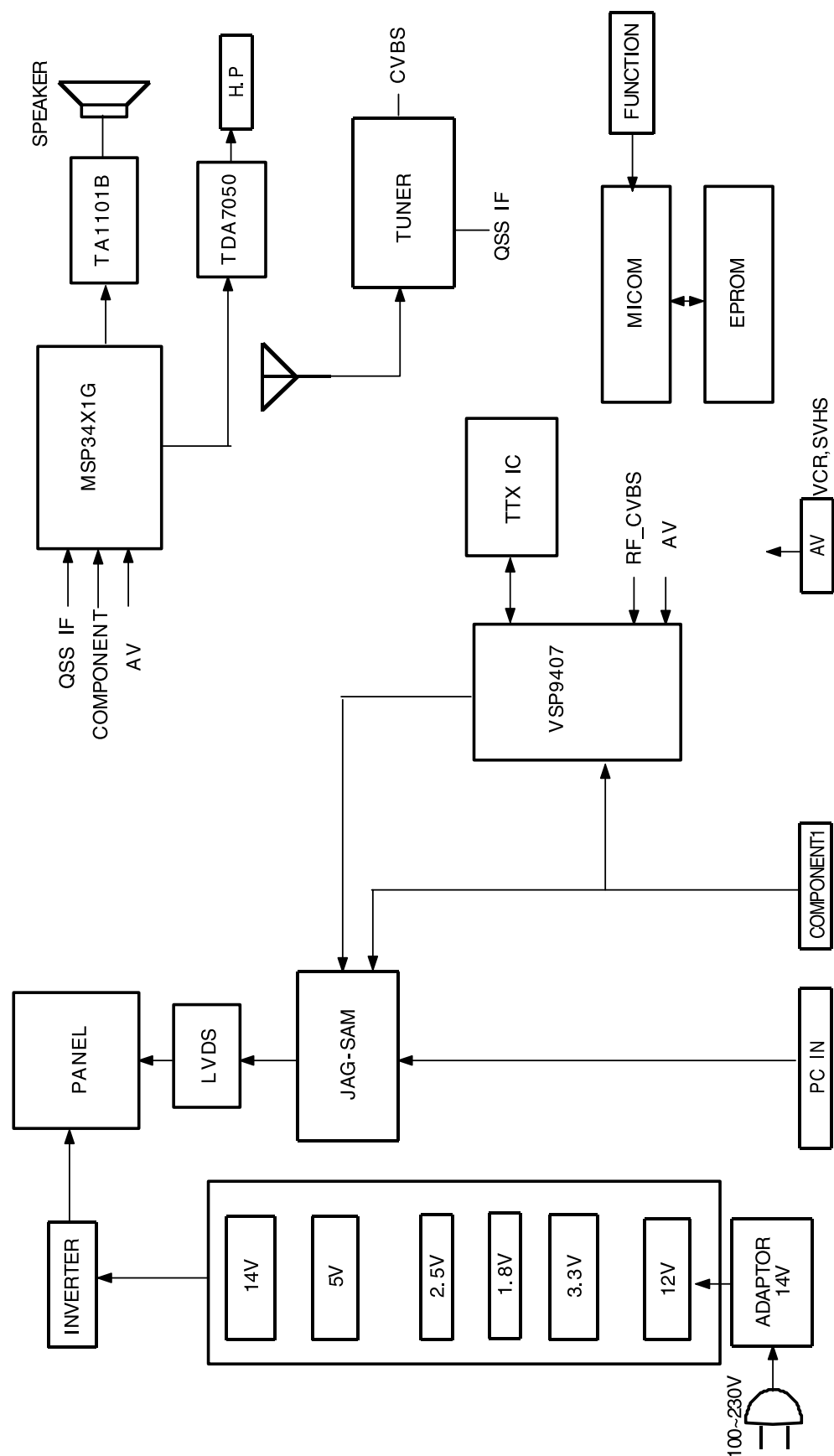
|             |       |                |                                |
|-------------|-------|----------------|--------------------------------|
| 2203-005065 | C140  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C141  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C211  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C212  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C213  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C214  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C321  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C35   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C36   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C37   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C415  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C416  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C417  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C418  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C419  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C420  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C47   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C48   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | C49   | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U520  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U521  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U522  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U523  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2203-005065 | U524  | C-CERAMIC,CHIP | 1000nF,+80-20%,10V,Y5V,TP,1608 |
| 2402-000108 | C317  | C-AL,SMD       | 10uF,20%,16V,WT,TP,4.3x4.3x5.4 |
| 2402-000135 | C65   | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 |
| 2402-000135 | U527  | C-AL,SMD       | 22uF,20%,16V,GP,TP,5.3x5.3x5.4 |
| 2402-000144 | C3890 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. |
| 2402-000144 | C5244 | C-AL,SMD       | 3.3uF,20%,50V,GP,TP,4.3x4.3x5. |
| 2402-000170 | C521  | C-AL,SMD       | 1uF,20%,50V,GP,TP,4.3x4.3x5.4, |
| 2402-000176 | C119  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C120  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C121  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C122  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C123  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C21   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C22   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C23   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C31   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3246 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3300 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3390 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3552 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3688 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C3782 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C4728 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C5239 | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C54   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C55   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C56   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C57   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C61   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C62   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C63   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | C64   | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U502  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U503  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U528  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |
| 2402-000176 | U531  | C-AL,SMD       | 10uF,20%,16V,GP,TP,4.3x4.3x5.4 |

|             |       |              |                                   |
|-------------|-------|--------------|-----------------------------------|
| 2402-000176 | U532  | C-AL,SMD     | 10uF,20%,16V,GP,TP,4.3x4.3x5.4    |
| 2402-000179 | C318  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-000179 | C319  | C-AL,SMD     | 47uF,20%,16V,GP,TP,6.6x6.6x5.4    |
| 2402-001006 | C25   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C26   | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C314  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C315  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C517  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C518  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C519  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C520  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C777  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001006 | C782  | C-AL,SMD     | 4.7uF,20%,25V,GP,TP,3.6x6.3x3.    |
| 2402-001042 | C110  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C113  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C17   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C18   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C19   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C24   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C4186 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C510  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C511  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C512  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C513  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C514  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C5247 | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C58   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | C59   | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001042 | U526  | C-AL,SMD     | 100uF,20%,16V,GP,TP,6.6x6.6x5.4mm |
| 2402-001044 | C13   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001044 | C14   | C-AL,SMD     | 100UF,20%,25V,GP,TP,8.3X8.3X6.3MM |
| 2402-001081 | C11   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001081 | C12   | C-AL,SMD     | 100uF,20%,25V,WT,TP,8.3x8.3x10    |
| 2402-001086 | C112  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C114  | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001086 | C15   | C-AL,SMD     | 100UF,20%,16V,WT,TP,6.6X6.6X5.3   |
| 2402-001157 | C515  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C516  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C551  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2402-001157 | C552  | C-AL,SMD     | 0.33UF,20%,50V,GP,TP,4X5.2MM      |
| 2503-001018 | CA31  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA311 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA312 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA313 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA314 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA315 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA32  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA33  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA330 | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA34  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA35  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2503-001018 | CA36  | C-NETWORK    | 15PFX4,10%,50V,-                  |
| 2703-001070 | U529  | INDUCTOR-SMD | 100uH,10%,4.5x3.2x3.2mm           |
| 2703-001334 | L113  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001334 | L114  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001334 | L115  | INDUCTOR-SMD | 1.5uH,10%,2x1.25x0.85mm           |
| 2703-001778 | L117  | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM           |
| 2703-001778 | L118  | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM           |
| 2703-001778 | L31   | INDUCTOR-SMD | 3.3UH,20%,3.2X2.5X2.2MM           |

|             |       |                   |                                              |     |
|-------------|-------|-------------------|----------------------------------------------|-----|
| 2703-001778 | L32   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L41   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L42   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L51   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2703-001778 | L52   | INDUCTOR-SMD      | 3.3UH,20%,3.2X2.5X2.2MM                      |     |
| 2801-003667 | X21   | CRYSTAL-SMD       | 14.3182MHZ,50PPM,28-AAN,16,500HM,TP          |     |
| 2801-003773 | U530  | CRYSTAL-SMD       | 12MHZ,30PPM,28-AAN,20PF,500HM,TP             |     |
| 2801-003843 | X51   | CRYSTAL-SMD       | 18.432MHz,30ppm,28-AAN,20pF,50ohm,TP         |     |
| 2801-004004 | X41   | CRYSTAL-SMD       | 20.25MHz,20ppm,28-AAN,13pF,25ohm,TP          |     |
| 2901-001133 | FT31  | FILTER-EMI SMD    | 25V,0.15A,-,33pF,2x1.25x0.8mm,TP             |     |
| 3301-001145 | BD51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT11  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT12  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT13  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT14  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT32  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT51  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT52  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT61  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT62  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT63  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | FT66  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L11   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L12   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L13   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L14   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L15   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | L19   | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001145 | U504  | CORE-FERRITE BEAD | AB,4.5x1.6x1.6mm,-,-                         | SNA |
| 3301-001163 | BD109 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD14  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD21  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD210 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD211 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD212 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD213 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD214 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD215 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD216 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD217 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD218 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD219 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD22  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD220 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD221 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD222 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD223 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD224 | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD23  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD24  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD25  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD26  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD27  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD28  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD29  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD41  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD42  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD43  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |
| 3301-001163 | BD44  | CORE-FERRITE BEAD | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm |     |

|             |             |                     |                                                                                  |     |
|-------------|-------------|---------------------|----------------------------------------------------------------------------------|-----|
| 3301-001163 | BD52        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163 | DB21        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3301-001163 | U512        | CORE-FERRITE BEAD   | AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm                                     |     |
| 3704-000250 | IC22 SOCK   | SOCKET-IC           | 32P,PLCC,SN,-                                                                    |     |
| 3711-000556 | CN26        | CONNECTOR-HEADER    | BOX,12P,1R,1.25mm,SMD-A,SN                                                       | SNA |
| 3711-002046 | CN13        | CONNECTOR-HEADER    | 3WALL,12P,1R,1.25mm,SMD-S,SN                                                     | SNA |
| 3711-002049 | CN22        | CONNECTOR-HEADER    | BOX,6P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-002049 | CN23        | CONNECTOR-HEADER    | BOX,6P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-002127 | CN21        | CONNECTOR-HEADER    | BOX,8P,1R,1.25mm,SMD-A,SN                                                        | SNA |
| 3711-004070 | CN62        | CONNECTOR-HEADER    | BOX,30P,1R,1.25mm,SMD-A,SN                                                       | SNA |
| BN27-00002A | L111        | COIL-CHOKE(SMD)     | 47uH,47uH,20%,12*12*8mm,22.5Ts,SMD,-,-,0.75ohm,-,-,TP                            |     |
| BN27-00007A | L53         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A | L54         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A | L55         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-00007A | L56         | COIL CHOKE-SMD      | DHB0504-100,RB15/17NS,10UH,±10%,-,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-  |     |
| BN27-20001A | L116        | COIL-CHOKE          | - ,53.0UH,20%,DR10*5,-,-,-,0.18ohm,-,-,-,TRAY                                    |     |
| BN41-00222A | MP1.0       | PCB MAIN            | ES15S0,FR4,6L,228X157X1.6,E0S                                                    | SNA |
| BN91-00558B | -           | ASSY SHIELD         | ES17S0                                                                           | SNA |
| 0203-001160 | CIS         | TAPE-FILAMENT       | SCOTCH#8915,T0.16,W48,L55M,TRP                                                   | SNA |
| 0203-001311 | CIS         | TAPE-CONDUCTOR      | DK-K102-90-50,T0.13,W50,L90,GRAY                                                 | SNA |
| 6003-000276 | C/F+AUD/PCB | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| 6003-000276 | C/F+B/GUIDE | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| 6003-000276 | C/F+SH/PCB  | SCREW-TAPTITE       | BH,+,B,M3,L10,ZPC(YEL),SWCH10                                                    | SNA |
| BN39-00202B | CIS         | LEAD CONNECTOR-ASSY | ES17AS,UL2835#28,UL/CSA,12P,-,-,#28,SMH200-12,12505HS-12,BK,-,-,250MM,2835#28,SJ |     |
| BN59-00215A | CIS         | PBA SUB             | CN17VS,AV PBA FUNCTION,-,-,-,-                                                   |     |
| BN70-00192A | CIS         | BRACKET-SUPPORT     | RB15AS,SECC,0.8                                                                  | SNA |
| BN91-00567H | -           | ASSY LCD            | ES17,S5                                                                          | SNA |
| BN07-00113A | CIS         | LCD                 | LTM170EH-L05,ES17AS,1280*1024,383.5*298*15,16.19M,56,0.264*0.264,0°55,5.0,TN,-   |     |
| BN92-00285A | -           | ASSY P/MATERIAL     | ES17AS                                                                           | SNA |
| 0203-001100 | CIS         | TAPE-OPP MASKING    | OPP/W75/CLR,T0.05,W75,L800000,CLR                                                | SNA |
| BH69-00376D | CIS         | PACKING-PALLET      | ES17AS,WOODEN,-,-,1232,1032,120,-,-,-                                            | SNA |
| BH69-00457A | CIS         | PACKING-PAD         | GH17,FOAM,T3.0,1180,1130                                                         | SNA |
| BH69-30355E | CIS         | BAG-PE/N            | NK15,PE FOAM,0.5,650,650,NTR                                                     | SNA |
| BH69-40321J | CIS         | PACKING-PAD EDGE    | PN15VT,B400,-,-,W140,L1154,-,-,-,SKD                                             | SNA |
| BH69-40379A | CIS         | PACKING-WRAP        | LDPE,W500*T0.02,-,-                                                              | SNA |
| BN68-00129A | CIS         | LABEL SHIPPING      | - ,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-,-                               | SNA |
| BN69-00140T | CIS         | PAD-PALLET COVER    | SUN(LSA810),SW,900,3760,-,-,-,-                                                  | SNA |
| BN69-00242A | CIS         | CUSHION-R/L         | ES17AS,EPS,-,-,-,-,-,M50                                                         | SNA |
| BN92-00449C | -           | ASSY LABEL          | ES17S0                                                                           | SNA |
| BN68-00234B | LABEL       | LABEL RATING        | ES17AS,EDC,PE,T0.05,90,45,SYNC,-,PE NATURE,-,-                                   | SNA |
| BN92-00651X | -           | ASSY ACCESSORY      | ES15/17S0                                                                        | SNA |
| BN96-00230X | -           | ASSY ACCESSORY      | ES15/17S0                                                                        |     |
| 0203-000214 | CIS         | TAPE-OPP MASKING    | OPP/W50/CLR,T0.05,W50,L400000,                                                   | SNA |
| 4301-000121 | CIS         | BATTERY-MN          | 1.5V,-,AAA,10.5x44.5m,HOLDER                                                     | SNA |
| 6801-001063 | CIS         | CARD-REGISTRATION   | - ,SAMSUNG,ENG+ARAB,MOJ0100,-,W720,L120,-,-                                      | SNA |
| BH39-10339H | CIS         | CBF POWER CORD      | DET,H05VV-F,250V/10,16A,BLK,25                                                   |     |
| BH69-30348D | CIS         | BAG-PE              | LDPE,T0.05,W240*L356,Y,-,CMG73                                                   | SNA |
| BN39-00043A | CIS         | CBF SIGNAL          | DETACHABLE,-,15P/15P,-,-,-                                                       |     |
| BN59-00225C | CIS         | REMOCON             | ,TM71,E0S,40,PAL,TTX                                                             |     |
| BN68-00266D | CIS         | MANUAL-S/D          | LS15E23CB,LS17E24CB,SAMSUNG,E,E.ASIA,W/P(100G),A5                                |     |
| BN92-00655H | -           | ASSY BOX            | GG15LS                                                                           | SNA |
| BH75-10529C | CIS         | UNIT-HANDLE/PACKING | S/M170MP,PE-LD,PE-HD,-,WHITE,-                                                   |     |
| BN72-60001A | CIS         | LEVER TOP           | LSD210TL,PE-LD,WHITE,TFT_LCD                                                     | SNA |
| BN72-60002C | CIS         | LEVER BOTTOM        | S/M170MP,PE-HD,BLUE                                                              | SNA |
| BN68-00135A | CIS         | LABEL BAR CODE      | - ,ALL,MPRII,DOM,ART-PAPER 90G,-,WHT,BLACK,-,-,-                                 | SNA |
| BN69-00267G | CIS         | BOX                 | LW17E24C,ARABIA,CB-SW4,WHT,OFFSET,A-1,L599*W499*H234                             | SNA |

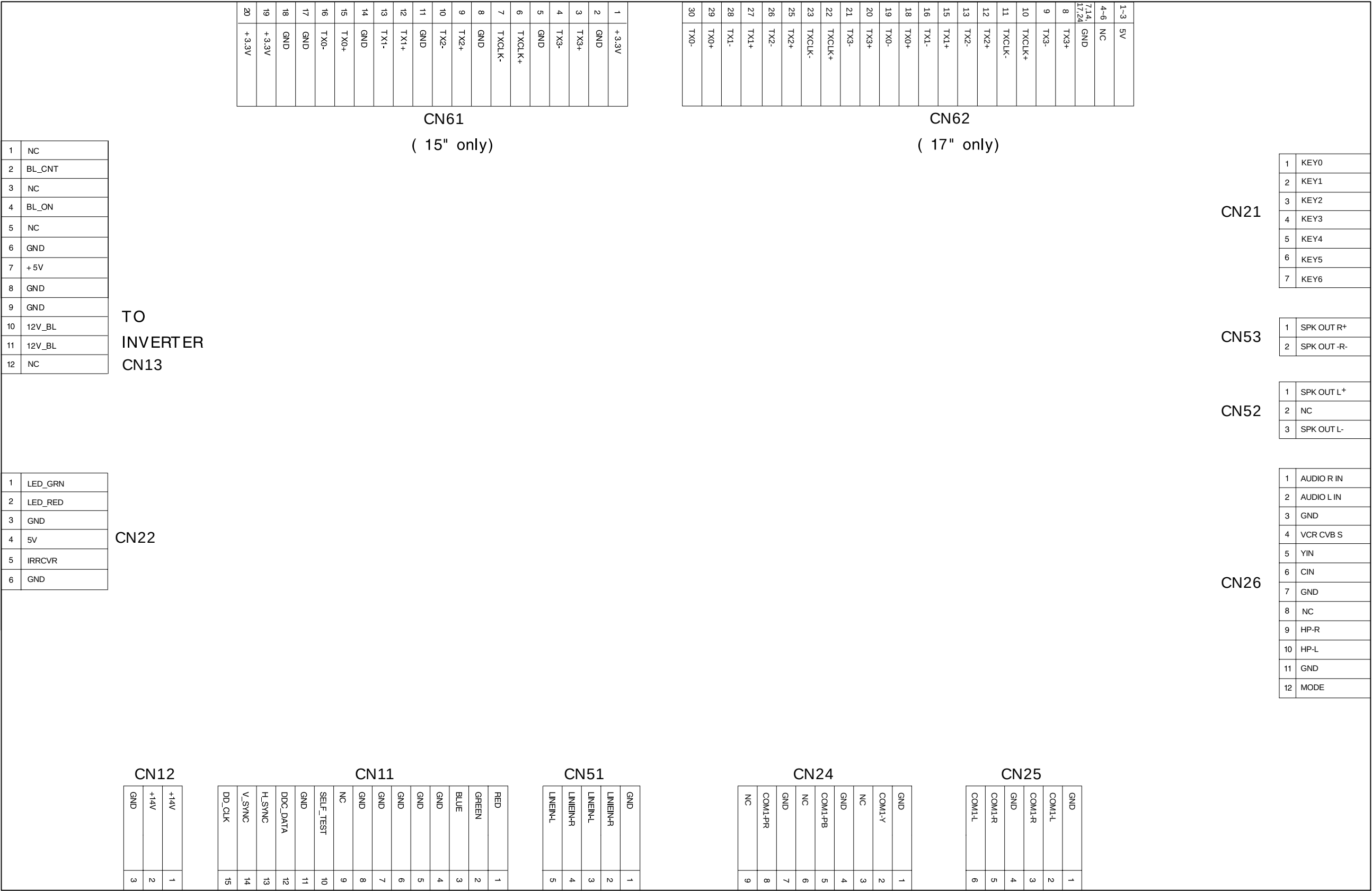
8 Block Diagram





## Memo

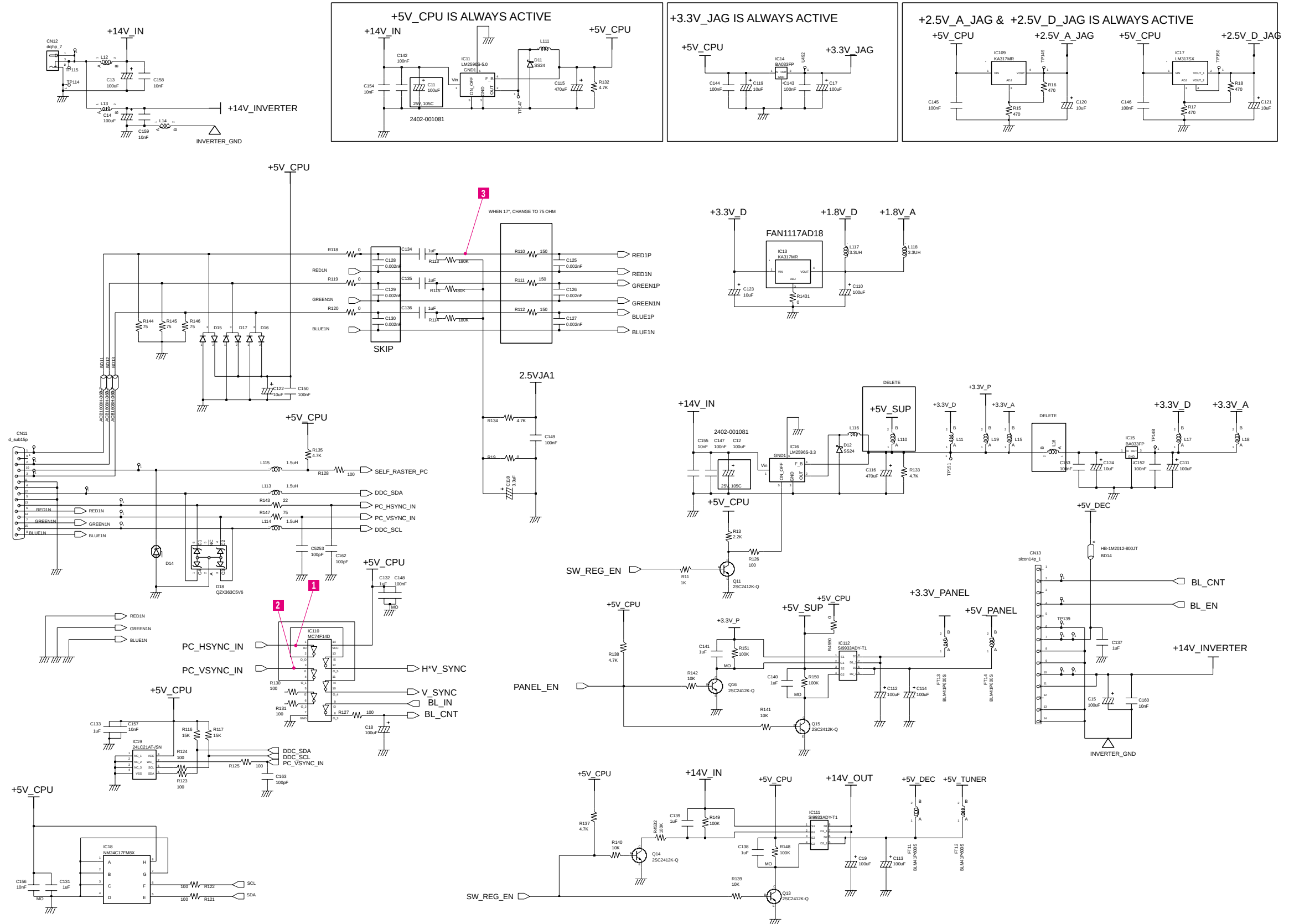
9 Wiring Diagram



Memo

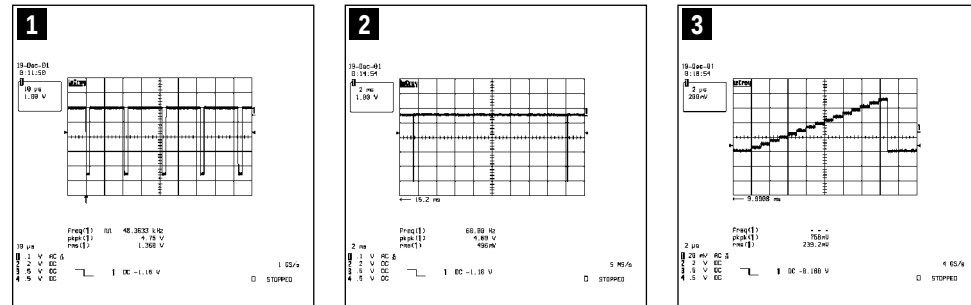
10 Schematic Diagrams

10-1 Power EOS\_VE\_ASIA Part Schematic Diagram



## 10 Schematic Diagrams

**CONFIDENTIAL**

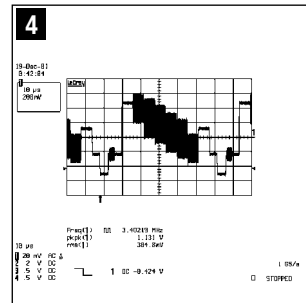


## LS15E23C/LS17E24C



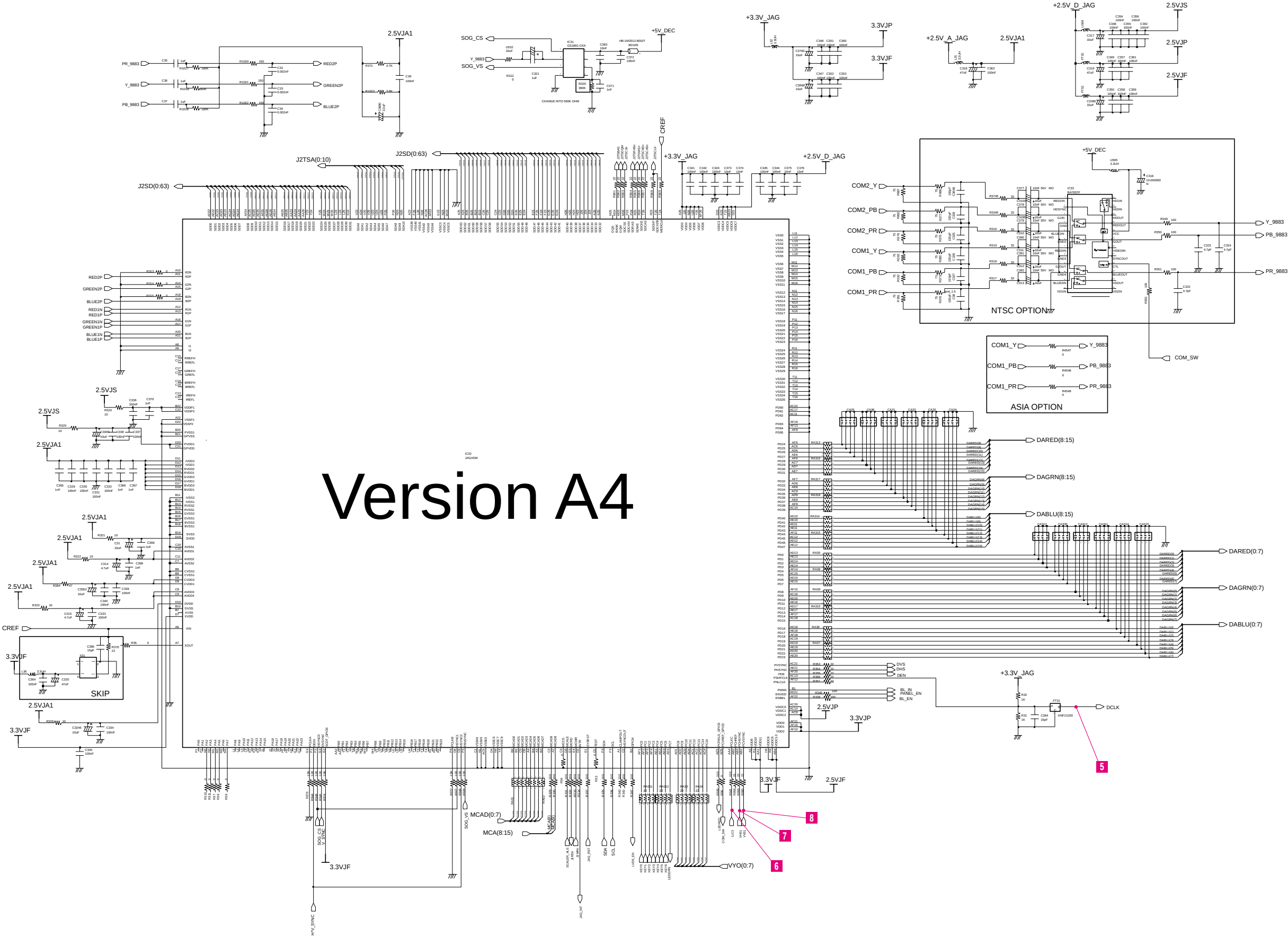
## 10 Schematic Diagrams

**CONFIDENTIAL**

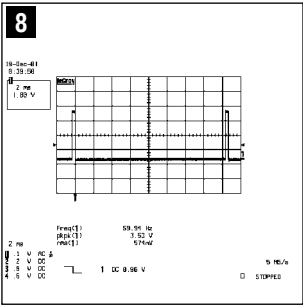
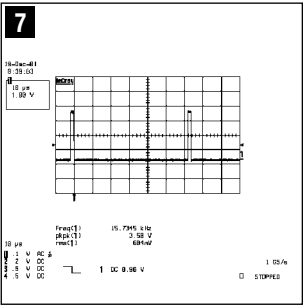
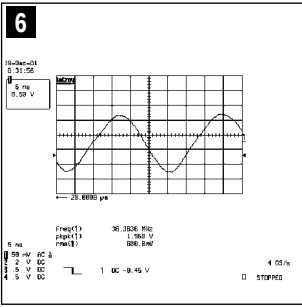
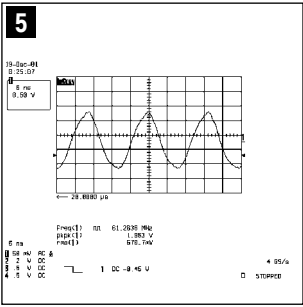




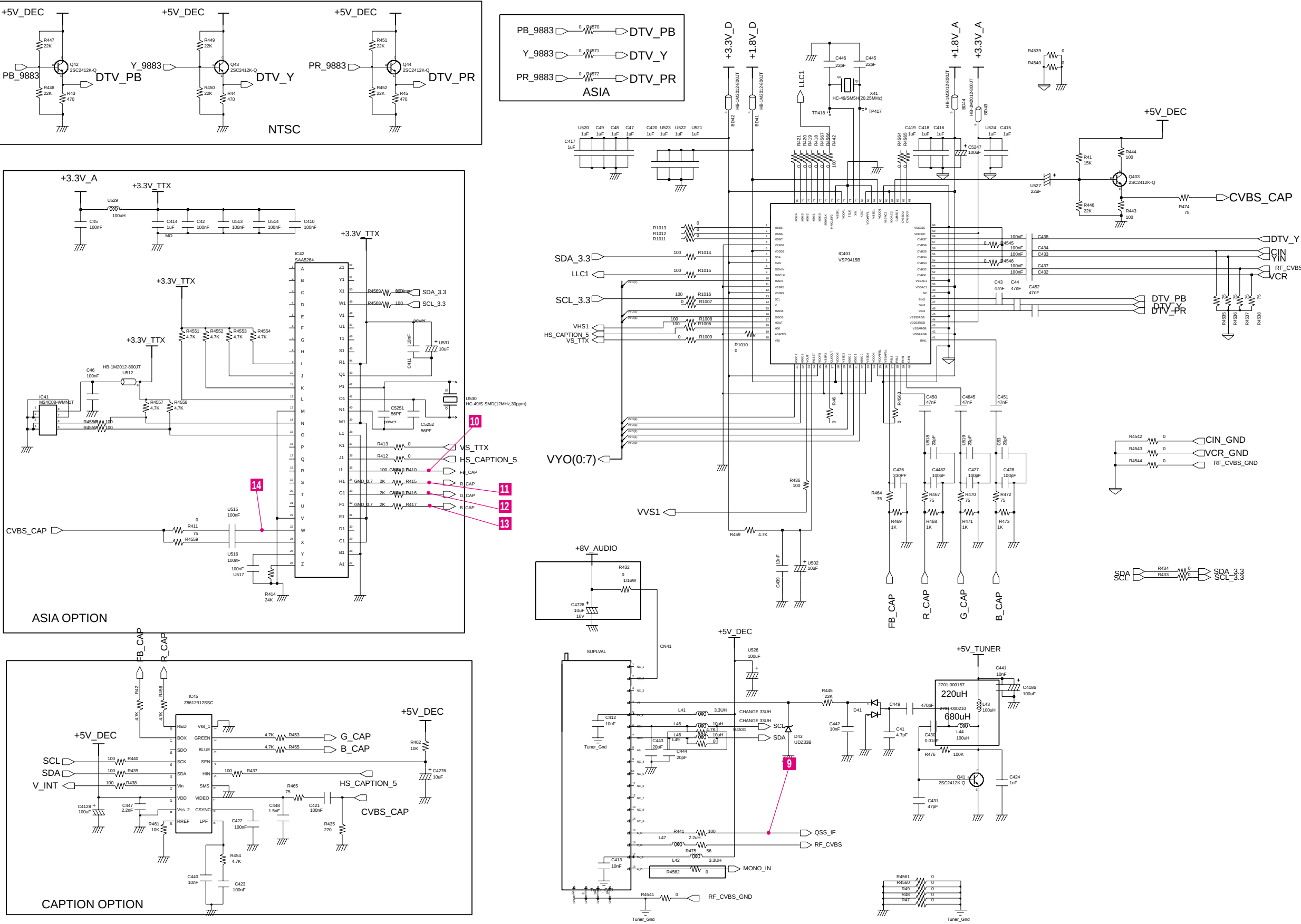
10-3 Scalar EOS\_VE\_ASIA Part Schematic Diagram





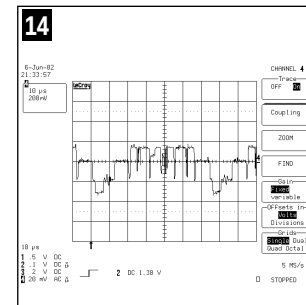
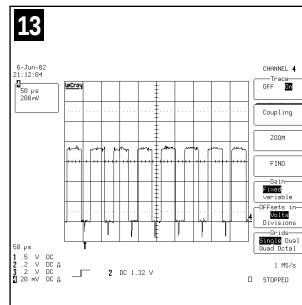
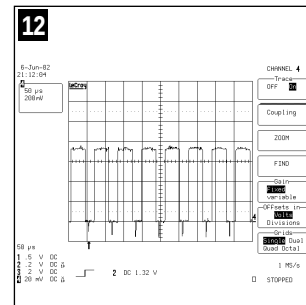
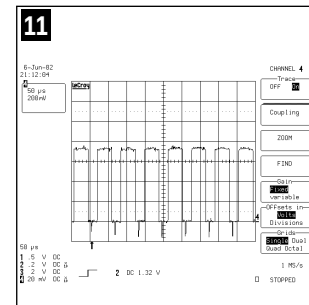
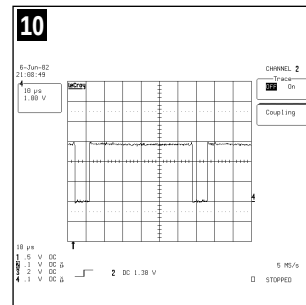
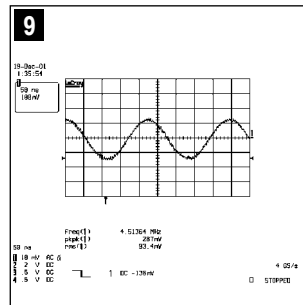


10-4 Video EOS\_VE\_ASIA Part Schematic Diagram

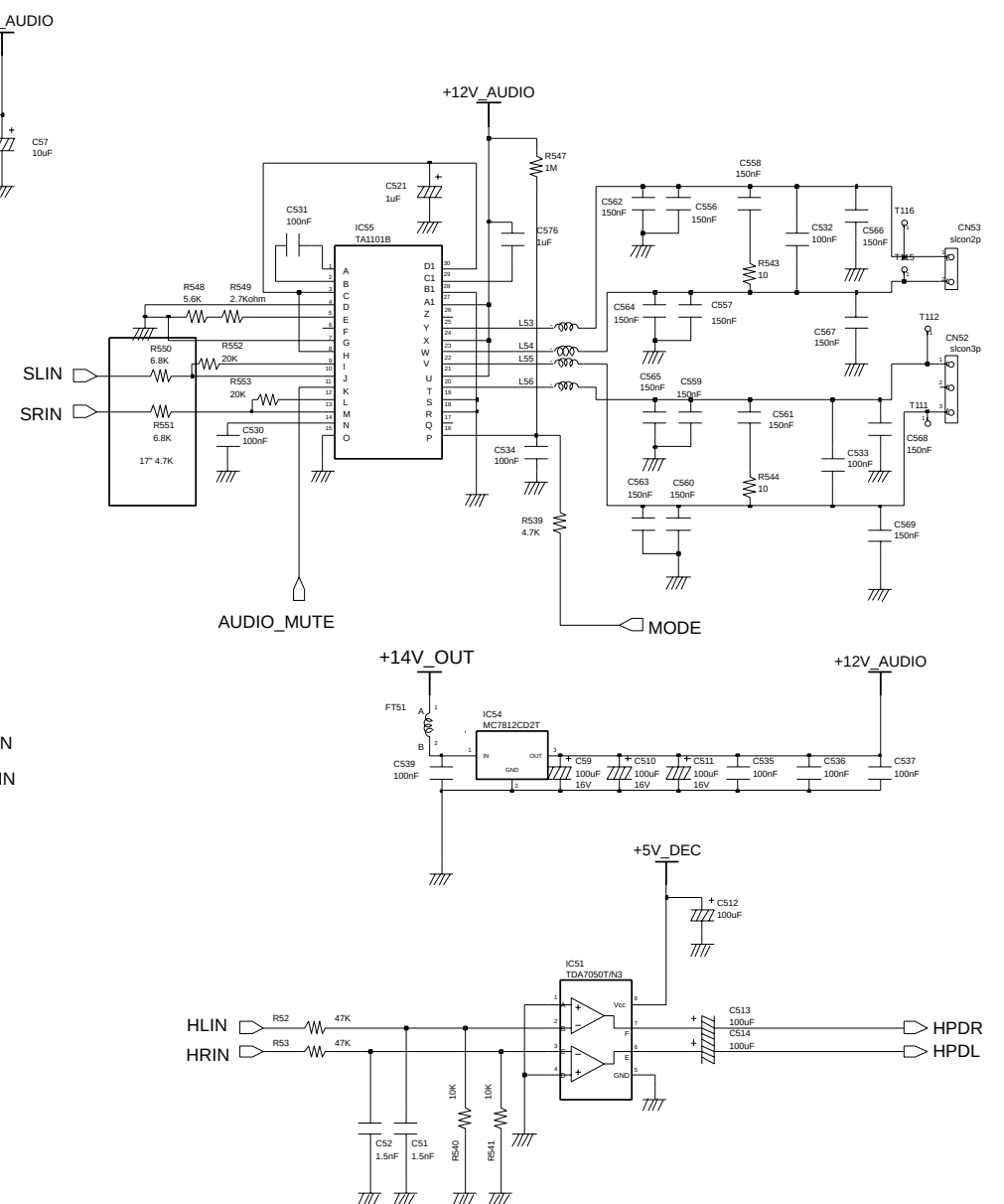


## 10 Schematic Diagrams

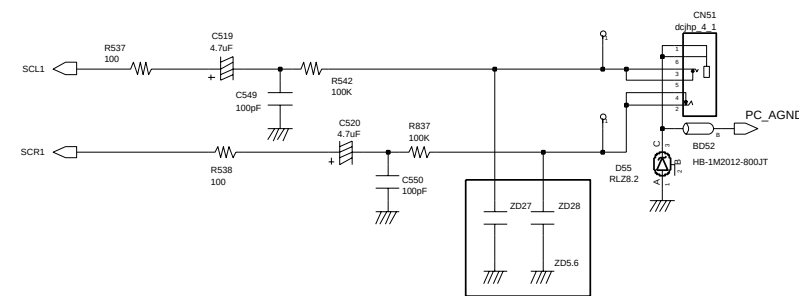
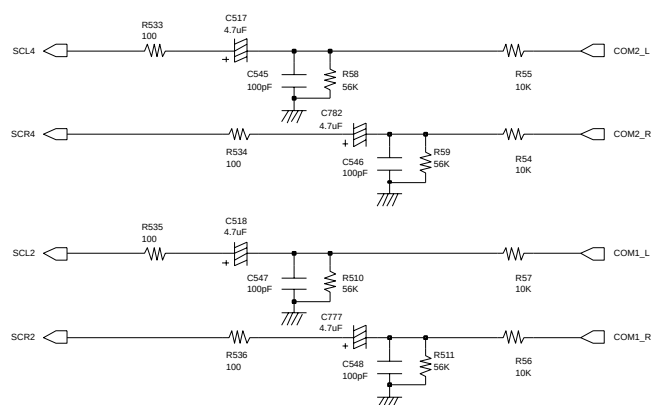
**CONFIDENTIAL**



## LS15E23C/LS17E24C

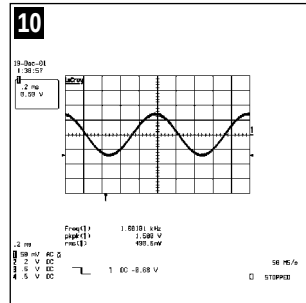


|       |       |  |
|-------|-------|--|
| R755  | CN702 |  |
| C778  |       |  |
| X702  |       |  |
| IC705 |       |  |
| L706  |       |  |
| FT701 |       |  |



## 10 Schematic Diagrams

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