

SAMSUNG

TFT-LCD MONITOR

RB17AS

RB17NS

SERVICE Manual

TFT-LCD MONITOR



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<http://www.samsungmonitor.com> (SyncMaster Worldwide)

<http://www.samsung-monitor.com> (SyncMaster USA)

<http://www.samtron.com> (SAMTRON Worldwide)

<http://www.sec.co.kr/monitor> (Korea)

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*).

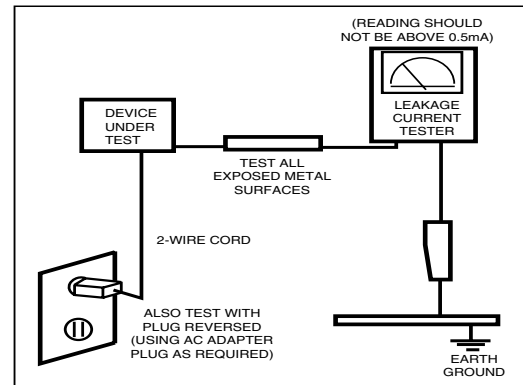


Figure 1-1. Leakage Current Test Circuit

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

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

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 devices 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		
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 17-Inch viewable, 0.264 (H) x 0.264 (V) mm pixel pitch		
Scanning Frequency	Horizontal : 30 kHz ~ 70 kHz (Automatic) Vertical : 56 Hz ~ 85 Hz (Automatic)		
Display Colors	16.7 Million colors		
Maximum Resolution	Horizontal : 1280 Pixels Vertical : 1024 Pixels		
Input Video Signal	Analog 0.7 Vp-p ± 5% positive at 75 Ω, internally terminated		
Input Sync Signal	Type : Seperate H/V Sync-on-Green, automatic synchronization without external switch of sync type Level : TTL level		
Maximum Pixel Clock rate	135 MHz		
Active Display Horizontal/Vertical	338.1 mm / 270.1 mm		
AC power voltage & Frequency	AC 110 ~ 240 Volts, 60/ 50 Hz ± 3 Hz		
Power Consumption	52 W (Max)		
Dimensions Unit (W x D x H) Carton (W x D x H)	16.20 x 7.99 x 16.31 Inches (412 x 203 x 414.5 mm) 19.09 x 21.46 x 7.28 Inches (485 x 545 x 185 mm)		
Weight	8.00 kg (17.63 lbs)		
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Humidity : 10 % ~ 80 % Storage Temperature : -13 °F ~ 113 °F (-25 °C ~ 45 °C) Humidity : 5 % ~ 95 %		
TV System		RB17NS	RB17AS
	Tunning	Frequency Synthesize	Frequency Synthesize
	Color	NTSC	PAL
	Sound	BTSC, A2 STEREO, EIAJ	NICAM, A2 STEREO
Antena Input	75Ω, Coaxial Cable		
Sound Characteristic	– MAX Internal speaker Out : Right => 5W Left => 5W – BASS Control Range : -12dB~ + 12dB – TREBLE Control Range : -12dB~ + 12dB – Headphone Out: RF => 5mW max (400m Vrms) A/V => 10mW max (580 Vrms), Max Input sound: -9dBm – Output Frequency (TBD) : RF => 80 Hz ~ 15 kHz A/V => 80 Hz ~ 20 kHz		

2-2 Pin Assignments

Sync Type Pin No.	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

Sync Type Pin No.	DTV 15pin connector
1	Red , Y
2	Green , Pb
3	Blue , Pr
4	GND
5	GND
6	GND-Red
7	GND-Green
8	GND-Blue
9	GND
10	No Connection
11	GND
12	No Connection
13	Horizontal sync.
14	Vertical sync.
15	No Connection

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 (*Continued*)

Timing No. Originator Mode Name Resolution (HxV)	1 IBM VGA1 640x350	2 IBM VGA2 720x400	3 IBM VGA3 640x480	11 VESA 640/72Hz 640x480	17 VESA 640/75Hz 640x480
HORIZONTAL					
Frequency	31.469kHz	31.469kHz	31.469kHz	37.861kHz	37.500kHz
Total time	31.778μs	31.777μs	31.788μs	26.413μs	26.667μs
Active time	26.058μs	26.058μs	26.058μs	20.825μs	20.317μs
Blank time	5.720μs	5.720μs	5.720μs	5.588μs	6.350μs
Border (L / R)	0.318μs	0.318μs	0.318μs	0.254μs	0.000μs
Data time	25.422μs	25.422μs	25.422μs	20.317μs	20.317μs
Front porch	0.318μs	0.318μs	0.318μs	0.508μs	0.508μs
Sync. width	3.813μs	3.813μs	3.813μs	1.270μs	2.032μs
Back porch	1.589μs	1.589μs	1.589μs	3.810μs	3.810μs
Sync. polarity	Positive	Negative	Negative	Negative	Negative
VERTICAL					
Frequency	70.086Hz	70.087Hz	59.940Hz	72.809Hz	75.000Hz
Total time	14.268ms	14.268ms	16.683ms	13.735ms	13.333ms
Active time	11.504ms	13.155ms	15.761ms	13.100ms	12.800ms
Blank time	2.764ms	1.113ms	0.922ms	0.635ms	0.533ms
Border (T / B)	0.191ms	0.222ms	0.254ms	0.211ms	0.000ms
Data time	11.122ms	12.711ms	15.253ms	12.678ms	12.800ms
Front porch	0.985ms	0.191ms	0.064ms	0.026ms	0.027ms
Sync. width	0.064ms	0.064ms	0.064ms	0.079ms	0.080ms
Back porch	1.716ms	0.858ms	0.794ms	0.528ms	0.427ms
Sync. polarity	Negative	Positive	Negative	Negative	Negative
Dot Clock	25.175MHz	28.322MHz	25.175MHz	31.500MHz	31.500MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I

Table 2-1. Timing Chart (Continued)

Timing No. Originator Mode Name Resolution (HxV)	19 VESA 1024/75Hz 1024x768	32 VESA 640/67Hz 640x480	33 MAC 832/75Hz 832x624
HORIZONTAL			
Frequency	60.023kHz	35.000kHz	49.726kHz
Total time	16.660μs	28.571μs	20.110μs
Active time	13.033μs	21.164μs	14.524μs
Blank time	3.657μs	7.407μs	5.586μs
Border (L / R)	0.000μs	0.000μs	0.000μs
Data time	13.033μs	21.164μs	14.524μs
Front porch	0.203μs	2.116μs	0.559μs
Sync. width	1.219μs	2.116μs	1.117μs
Back porch	2.235μs	3.175μs	3.910μs
Sync. polarity	Positive	Negative	Negative
VERTICAL			
Frequency	75.029Hz	66.667Hz	74.551Hz
Total time	13.328ms	15.000ms	13.414ms
Active time	12.795ms	13.714ms	12.549ms
Blank time	0.533ms	1.286ms	0.865ms
Border (T / B)	0.000ms	0.000ms	0.000ms
Data time	12.795ms	13.714ms	12.549ms
Front porch	0.017ms	0.086ms	0.020ms
Sync. width	0.050ms	0.086ms	0.060ms
Back porch	0.466ms	1.114ms	0.784ms
Sync. polarity	Positive	Negative	Negative
Dot Clock	78.750MHz	30.240MHz	57.284MHz
Sync. Type	Separate	Separate Composite	Separate Composite
Scan Type	N/I	Sync.-on-G N/I	Sync.-on-G N/I

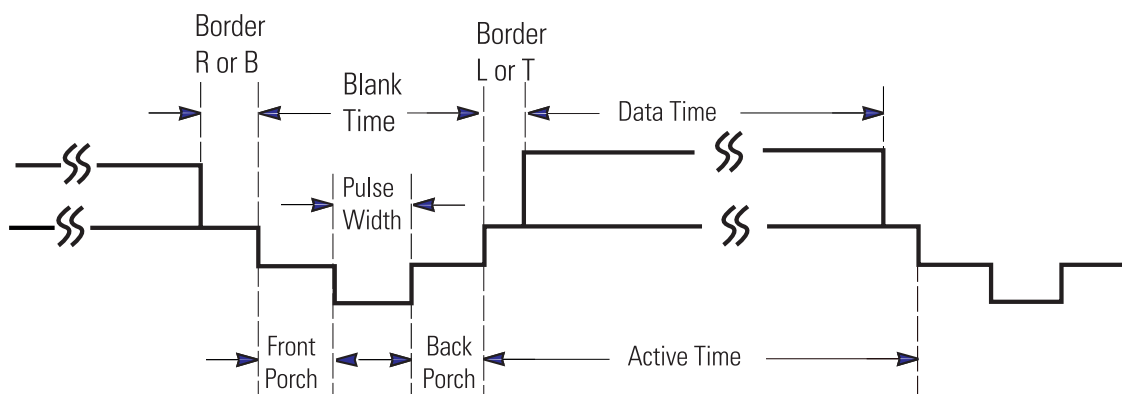


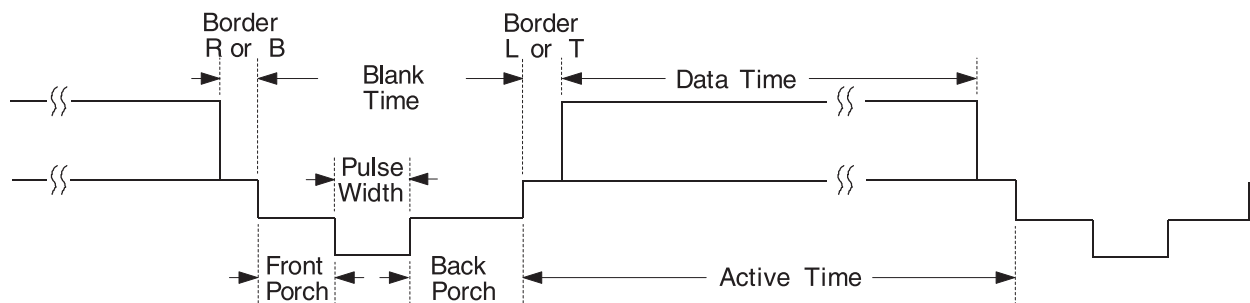
Table 2-1. Timing Chart (*Continued*)

Timing No. Originator Mode Name Resolution (HxV)	12 VESA 800/56Hz 800x600	13 VESA 800/60Hz 800x600	14 VESA 800/72Hz 800x600	18 VESA 800/75Hz 800x600	16 VESA 1024/70Hz 1024x768
HORIZONTAL Frequency Total time Active time Blank time Border (L / R) Data time Front porch Sync. width Back porch Sync. polarity	35.156kHz 28.444μs 22.222μs 6.222μs 0.000μs 22.222μs 0.667μs 2.000μs 3.556μs Positive or Negative	37.879kHz 26.400μs 20.000μs 6.400μs 0.000μs 20.000μs 1.000μs 3.200μs 2.200μs Positive	48.077kHz 20.800μs 16.000μs 4.800μs 0.000μs 16.000μs 1.120μs 2.400μs 1.280μs Positive	46.875kHz 21.333μs 16.162μs 5.171μs 0.000μs 16.162μs 0.323μs 1.616μs 3.232μs Positive	56.476kHz 17.707μs 13.653μs 4.054μs 0.000μs 13.653μs 0.320μs 1.813μs 1.920μs Negative
VERTICAL Frequency Total time Active time Blank time Border (T / B) Data time Front porch Sync. width Back porch Sync. polarity	56.250Hz 17.778ms 17.067ms 0.711ms 0.000ms 17.067ms 0.028ms 0.057ms 1.626ms Positive or Negative	60.317Hz 16.579ms 15.840ms 0.739ms 0.000ms 15.840ms 0.026ms 0.106ms 0.607ms Positive	72.188Hz 13.853ms 12.480ms 1.373ms 0.000ms 12.480ms 0.770ms 0.125ms 0.478ms Positive	75.000Hz 13.333ms 12.800ms 0.533ms 0.000ms 12.800ms 0.021ms 0.064ms 0.448ms Positive	70.069Hz 14.272ms 13.599ms 0.673ms 0.000ms 13.599ms 0.053ms 0.106ms 0.513ms Negative
Dot Clock	36.000MHz	40.000MHz	50.000MHz	49.500MHz	75.000MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I

2-4 DTV Timing Chart

Table 2-2. DTV Timing chart

Timing No.	1	2	3
Originator	274M	296M	293M
Mode Name	1080i/60iHz	720p/60Hz	480p/60Hz
Resolution (HxV)	1920x1080	1280x720	720x483
HORIZONTAL			
Frequency	33.750kHz	45.000kHz	31.469kHz
Total time	29.630μs	22.222μs	31.778μs
Border (L / R)	0.000μs	0.000μs	0.000μs
Data time	25.859μs	17.239μs	26.667μs
Front porch	0.593μs	0.943μs	0.593μs
Sync. width	0.593μs	0.539μs	2.333μs
Back porch	2.586μs	3.502μs	2.185μs
Sync. polarity	-	-	-
VERTICAL			
Frequency	30Hz	60Hz	60Hz
Total time	33.333ms	16.667ms	16.683ms
Border (T / B)	0.000ms	0.000ms	0.000ms
Data time	-	16.000ms	15.349ms
Front porch	0.059ms	0.111ms	0.191ms
Sync. width	0.148ms	0.111ms	0.191ms
Back porch	0.444ms	0.444ms	0.953ms
Sync. polarity	-	-	-
Dot Clock	75MHz	75MHz	27MHz



3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the RB17AS/17NS monitor.

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

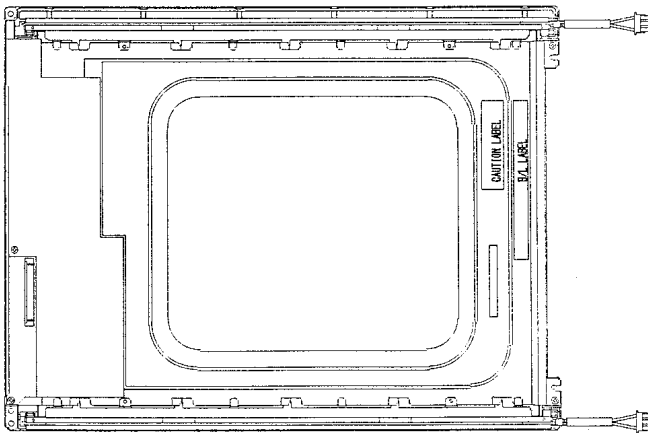
3-1 Disassembly

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.

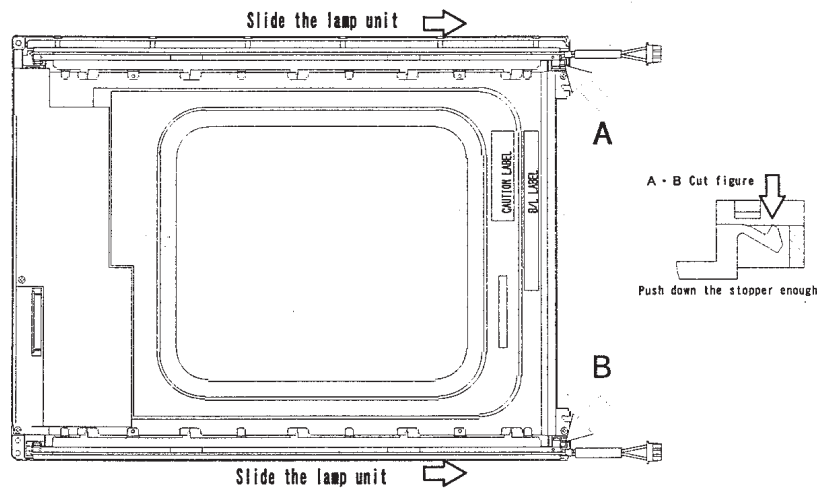
3-1 General Alignment Instruction

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 result.
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 transform.

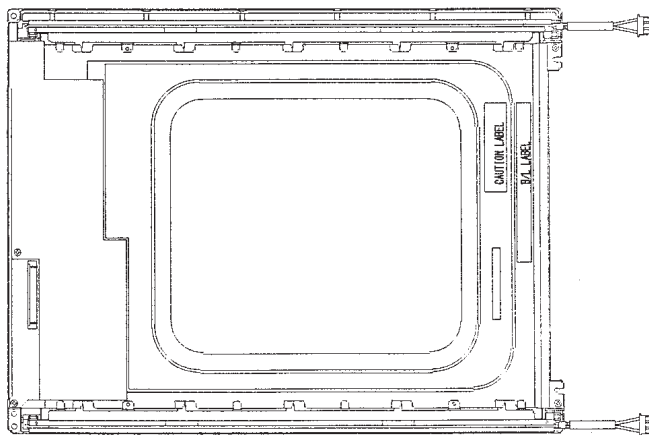
3-2 Replacement Order of Lamp Assemblies



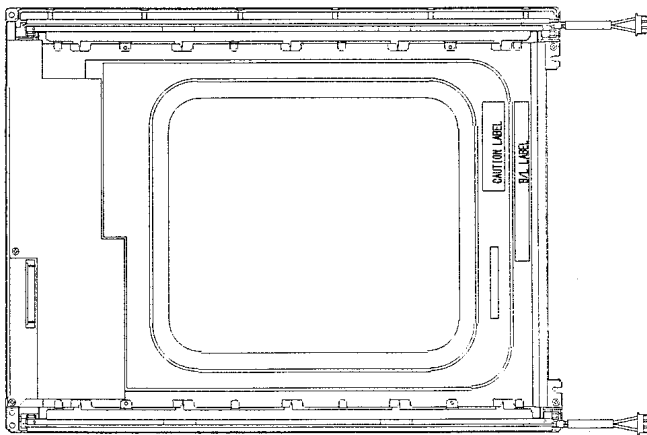
1. After confirm there is nothing on the desk
Turn the LCD module over and put it on a flat desk set to the ground.



2. Push down the stopper and slide the lamp unit.



3. Please take out the lamp units from the LCD module.



4. Please fix the new lamp units on the LCD module : opposite process 2 and 3

* Replacement of lamp unit should be done at the power off state and recommended clean bench condition.

3-3 Reassembly

Reassembly procedures are in the reverse order of Disassembly procedures.

4 Alignments and Adjustments

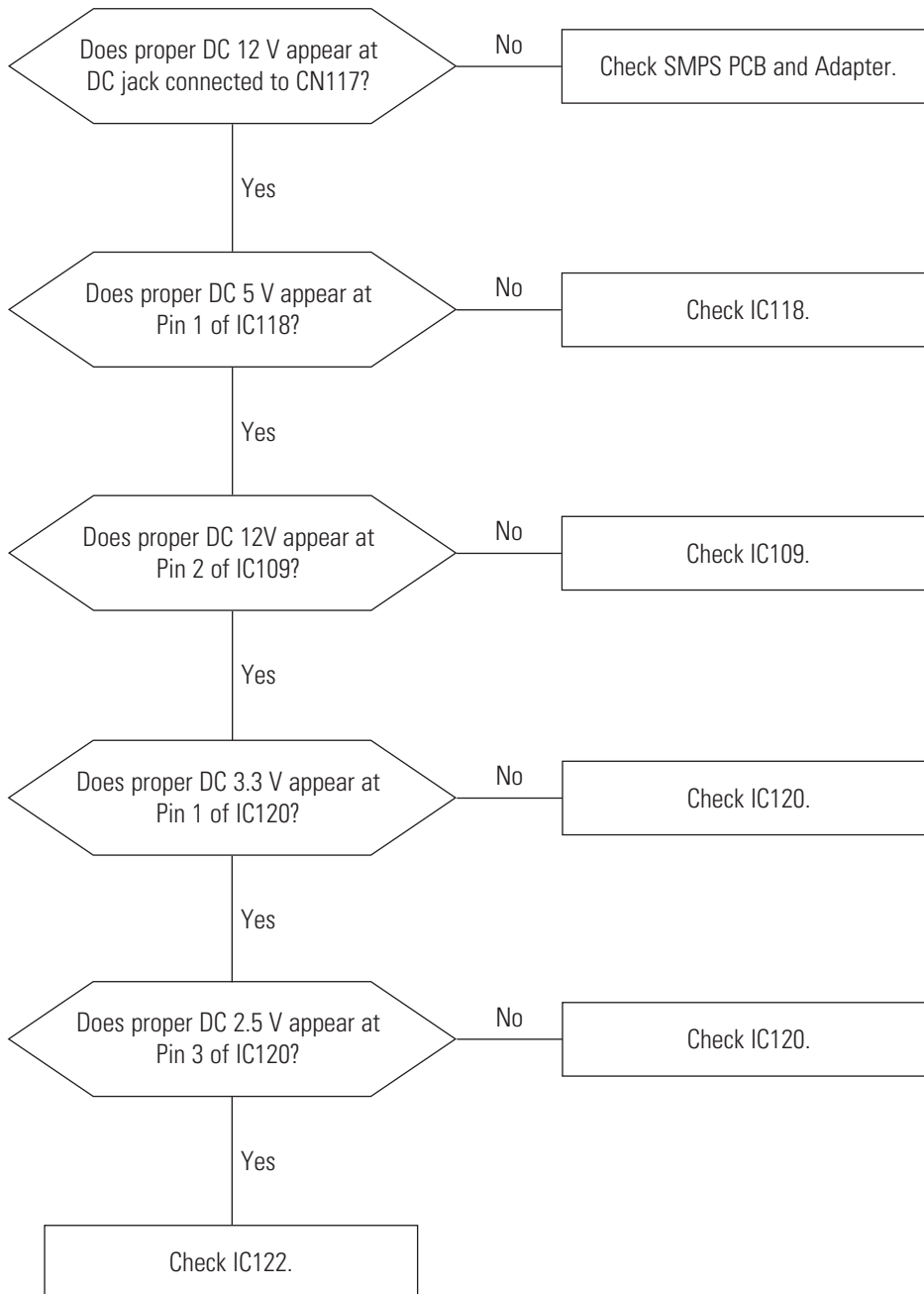
4-1 General Alignment Instruction

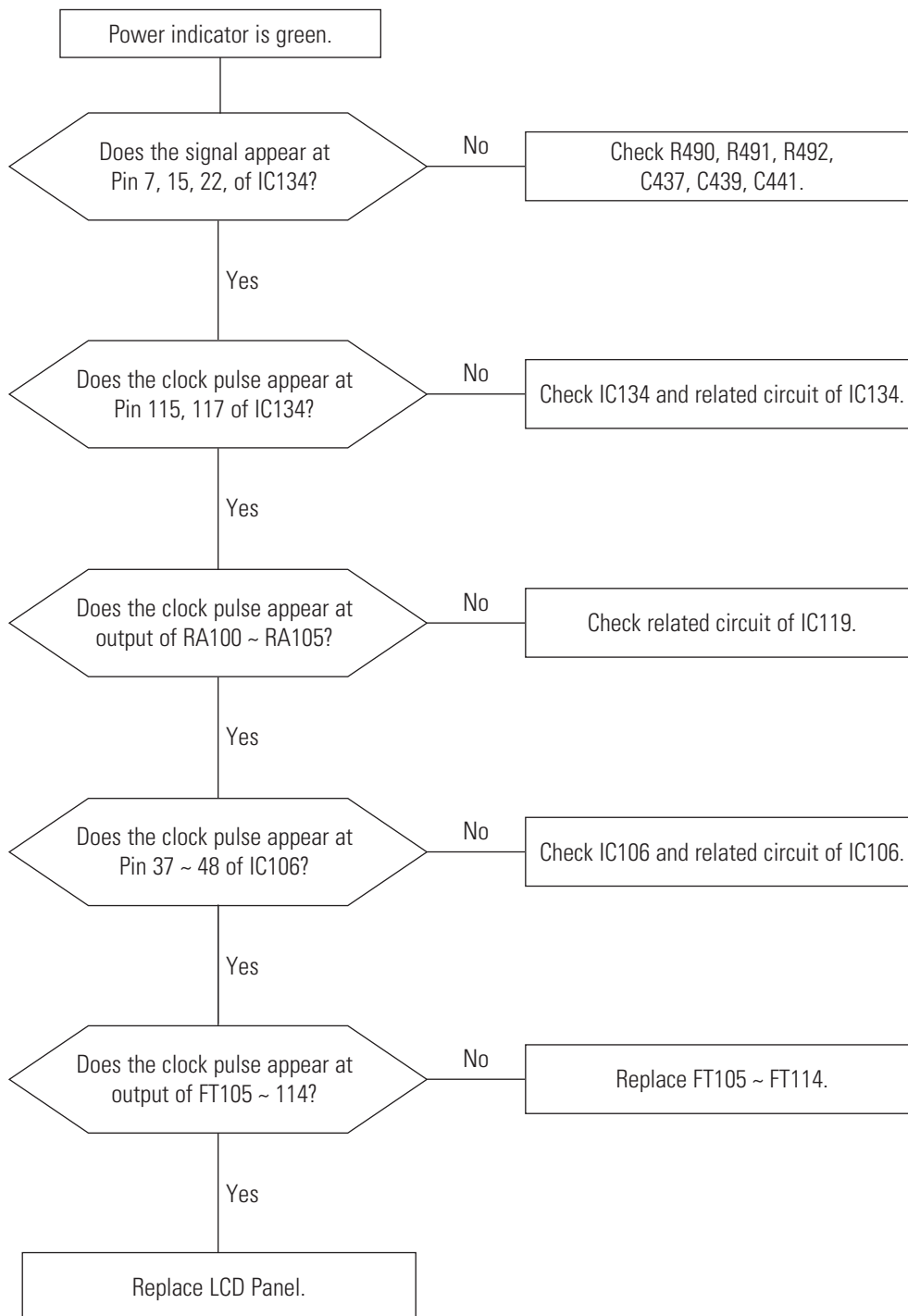
1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC 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.

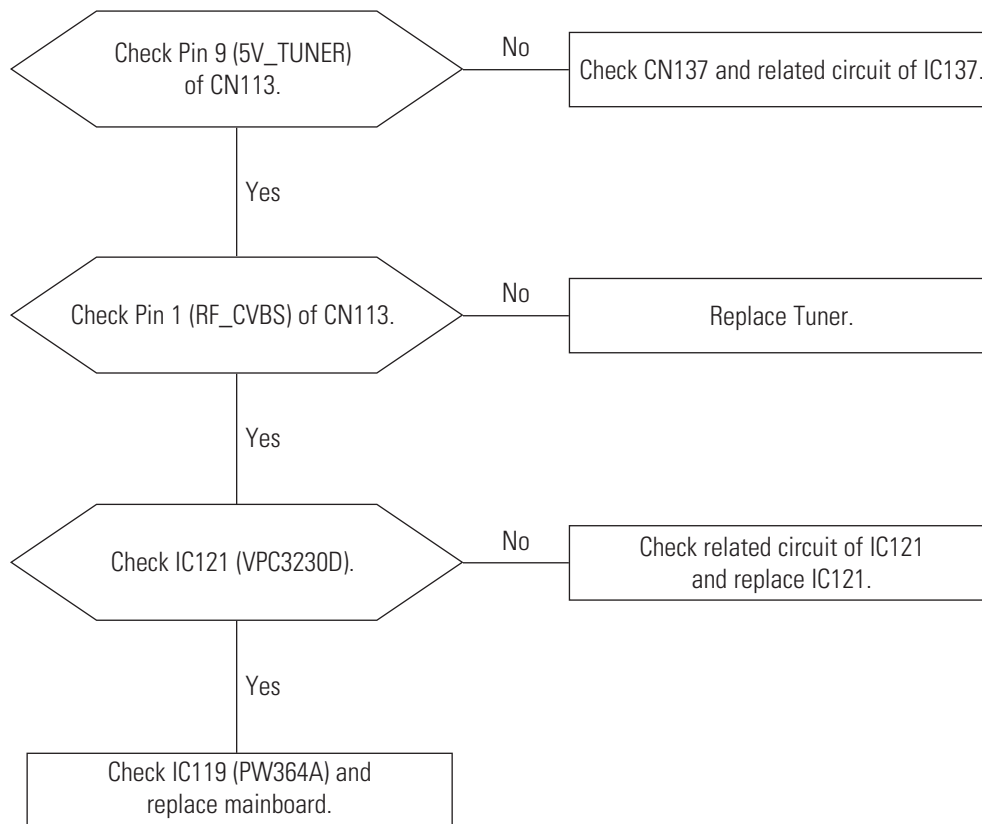
Memo

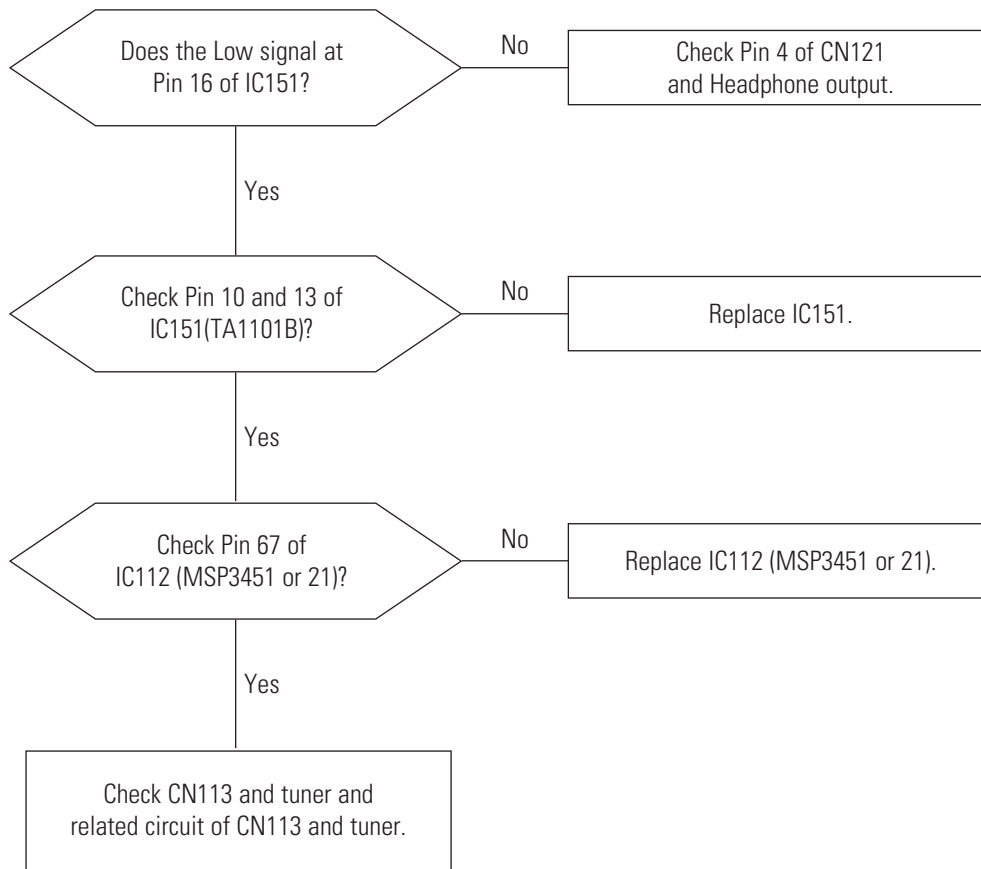
5 Troubleshooting

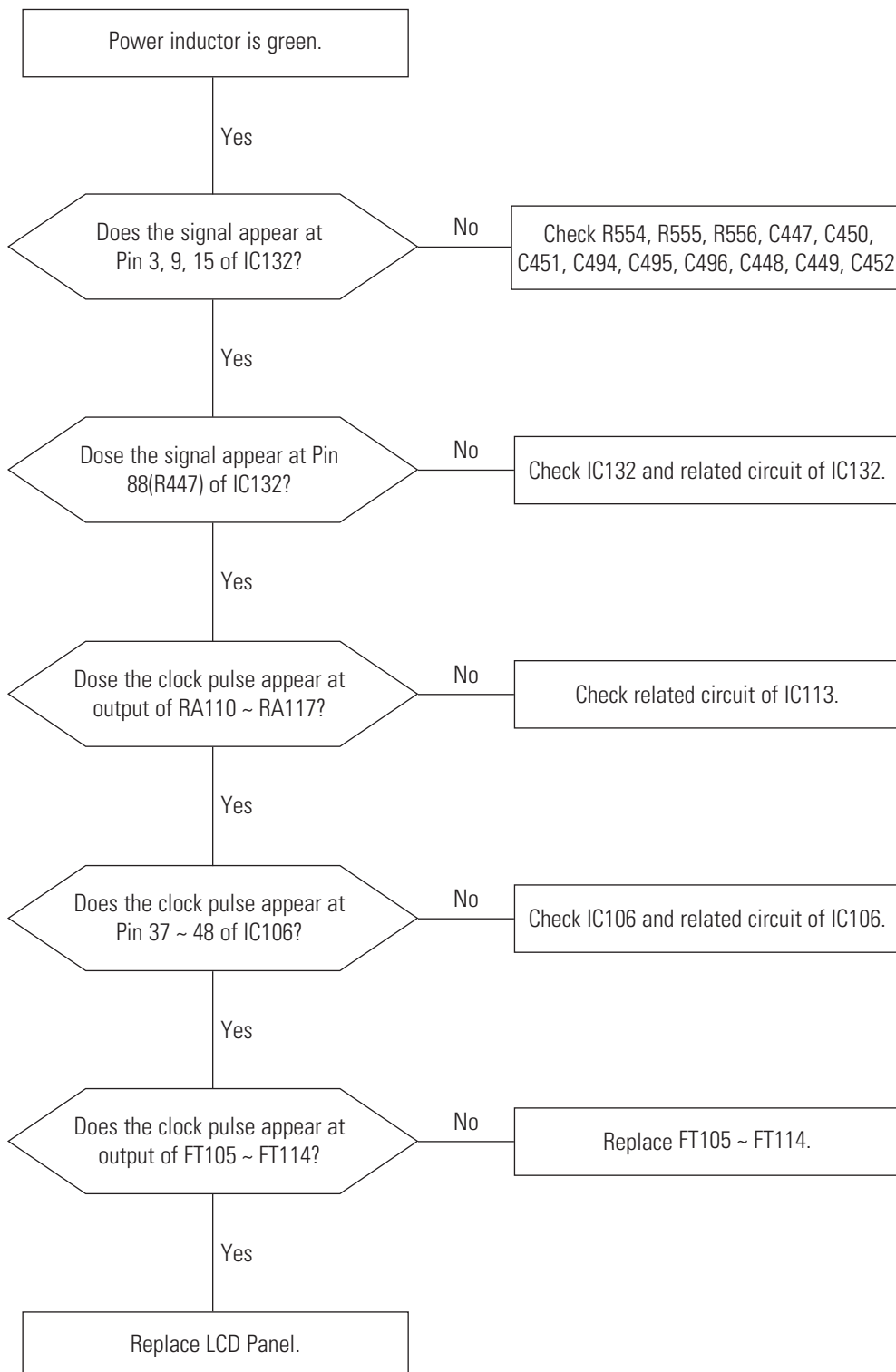
5-1 No Power



5-2 No Video (PC Signal)

5-3 No Picture (TV, Video 1, Video 2)

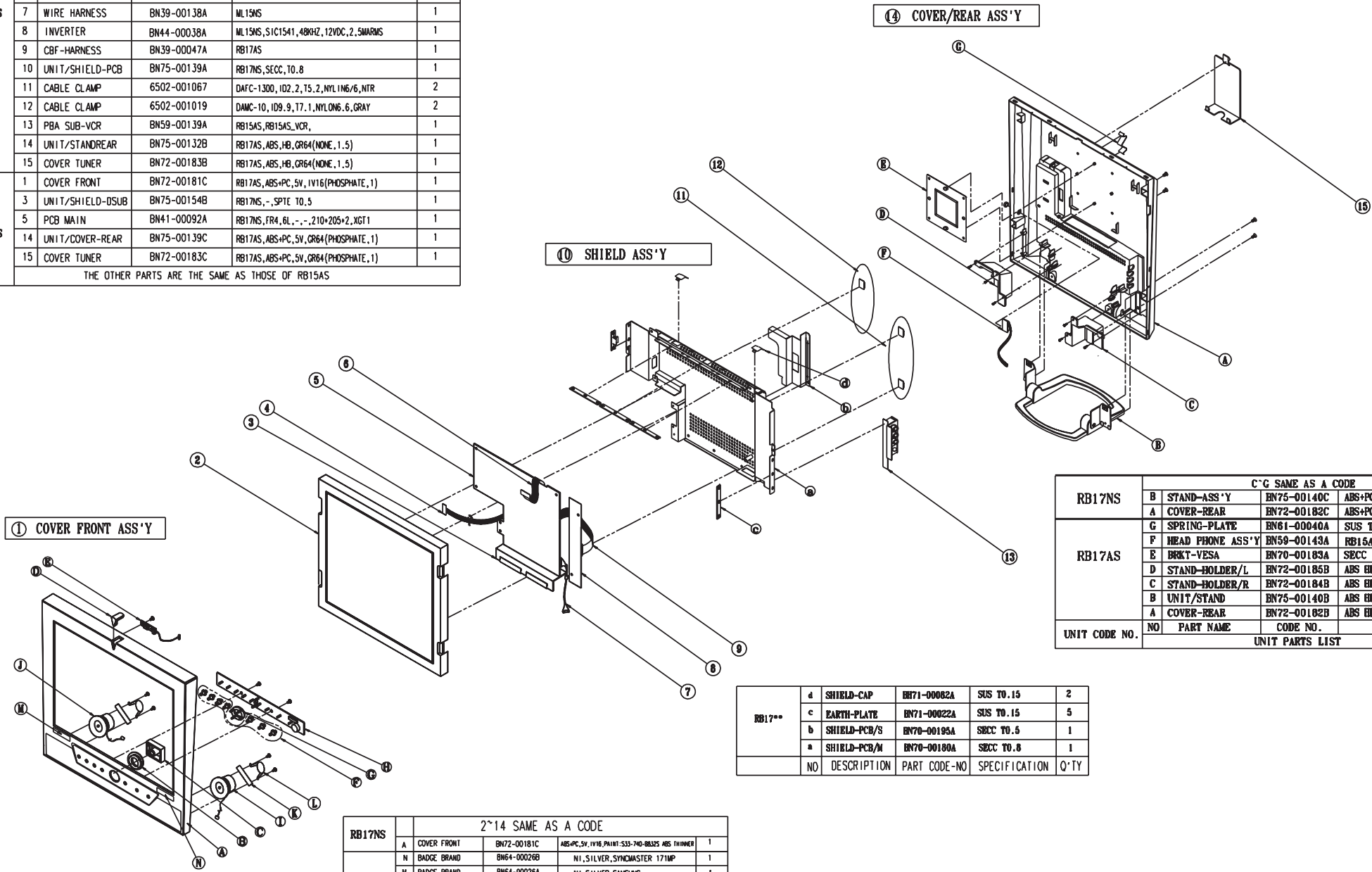
5-4 No Sound

5-5 No Picture (DTV [NTSC only])

Memo

6 Exploded View and Parts List

MODEL	NO	DESCRIPTION	PART CODE-NO	SPECIFICATION	Q'TY
RB17AS	1	UNIT/COVER-FRONT	BN75-00137B	RB17AS,ABS HB,IV16(NONE,1.5)	1
	2	LCD PANEL	BN07-00018A	LTM170E4-L01	1
	3	UNIT/SHIELD-DSUB	BN75-00154A	RB17NS,-,SPTL T0.5	1
	4	CBF HARNESS	BN39-00134A	RB15AS	1
	5	PCB MAIN	BN41-00091A	RB17AS	1
	6	CBF HARNESS	BN39-00153A	RB17AS	1
	7	WIRE HARNESS	BN39-00138A	ML15NS	1
	8	INVERTER	BN44-00038A	ML15NS,S1C1541,48KHZ,12VDC,2.5MARMS	1
	9	CBF-HARNESS	BN39-00047A	RB17AS	1
	10	UNIT/SHIELD-PCB	BN75-00139A	RB17NS,SECC,T0.8	1
	11	CABLE CLAMP	6502-001067	DAFC-1300,1D2.2,T5.2,NYL1N6/6,NTR	2
	12	CABLE CLAMP	6502-001019	DAMC-10,1D9.9,T7.1,NYLON6.6,GRAY	2
	13	PBA SUB-VCR	BN59-00139A	RB15AS,RB15AS,VCR,	1
	14	UNIT/STANDREAR	BN75-00132B	RB17AS,ABS,HB,GR64(NONE,1.5)	1
	15	COVER TUNER	BN72-00183B	RB17AS,ABS,HB,GR64(NONE,1.5)	1
RB17NS	1	COVER FRONT	BN72-00181C	RB17AS,ABS+PC,5V,IV16(PHOSPHATE,1)	1
	3	UNIT/SHIELD-DSUB	BN75-00154B	RB17NS,-,SPTL T0.5	1
	5	PCB MAIN	BN41-00092A	RB17NS,FR4,6L,-,-,210*205*2,XGT1	1
	14	UNIT/COVER-REAR	BN75-00139C	RB17AS,ABS+PC,5V,GR64(PHOSPHATE,1)	1
	15	COVER TUNER	BN72-00183C	RB17AS,ABS+PC,5V,GR64(PHOSPHATE,1)	1
THE OTHER PARTS ARE THE SAME AS THOSE OF RB15AS					



RB17NS	C'G SAME AS A CODE			
	B	STAND-ASS'Y	BN75-00140C	ABS+PC 5V GR64(PHOSPHATE,1)
RB17AS	A	COVER-REAR	BN72-00182C	ABS+PC 5V GR64(PHOSPHATE,1)
	G	SPRING-PLATE	BN61-00040A	SUS T0.16
	F	HEAD PHONE ASS'Y	BN59-00143A	RB15AS
	E	BRKT-VESA	BN70-00183A	SECC T1.0
	D	STAND-HOLDER/L	BN72-00185B	ABS HB GR64(NONE,1.5)
	C	STAND-HOLDER/R	BN72-00184B	ABS HB GR64(NONE,1.5)
	B	UNIT/STAND	BN75-00140B	ABS HB GR64(NONE,1.5)
	A	COVER-REAR	BN72-00182B	ABS HB GR64(NONE,1.5)
UNIT CODE NO.	NO	PART NAME	CODE NO.	MATERIAL
UNIT PARTS LIST				

RB17**	d	SHIELD-CAP	BN71-00082A	SUS T0.15	2
	c	EARTH-PLATE	BN71-00022A	SUS T0.15	5
	b	SHIELD-PCB/S	BN70-00195A	SECC T0.5	1
	a	SHIELD-PCB/M	BN70-00180A	SECC T0.8	1
NO		DESCRIPTION	PART CODE-NO	SPECIFICATION	Q'TY

RB17NS		2~14 SAME AS A CODE			
A	COVER FRONT	BN72-00181C	ABS+PC,5V,IV16,PAINT:533-740-BL325 ABS THINNER		1
N	BADGE BRAND	BN64-00026B	NI,SILVER,SYNMASTER 171MP		1
M	BADGE BRAND	BN64-00026A	NI,SILVER,SAMSUNG		1
L	BRKT SPEAKER	BN70-00182A	SECC T0.8		2
K	FELT	BN63-00045B	WOOL,T0.5,W10,L70		2
J	SPEAKER SYSTEM	BN59-00137A	RB17AS		1
I	SPEAKER SYSTEM	BN59-00137B	RB17AS		1
RB17AS	H	FUNCTION PCB	BN59-00134A	FUNCTION PCB	1.001(S)
	G	BUTTON CHANNEL	BN72-00172A	ABS HB, IV16, NI PLATING	1
	F	BUTTON FUNCTION	BN72-00173A	ABS HB, IV16, NI PLATING	7
	E	IR SENSOR ASS'Y	BN59-00140A	REMOCOM SENSING PCB	1.001(S)
	D	LENS IR	BN67-00014A	PC VIOLET	1
	C	KNOB POWER	BN64-00024A	ABS-CLEAR/ABS+PC GR41	1
	B	LENS-POWER	BN67-00013A	ACRYL(PMMA) CLEAR/GR41 SPRAY	1
	A	COVER FRONT	BN72-00181B	ABS HB,IV16,PAINT:533-740-BL325 ABS THINNER	1
	NO DESCRIPTION		PART CODE-NO	SPECIFICATION	Q'TY

Memo

7 Electrical Parts List

7-1 RB17AS Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
-	BN91-00033E	PROCESS	RB17AS,-,-,-	
C138	2409-001004	C-ORGANIC	100uF,20%,16V,LL,BK,8x10.5mm,3	
C197	2409-001004	C-ORGANIC	100uF,20%,16V,LL,BK,8x10.5mm,3	
C339	2409-001004	C-ORGANIC	100uF,20%,16V,LL,BK,8x10.5mm,3	
CIS	0201-001223	ADHESIVE-TS	HT-130S,RED,700+/- 50,-	
CIS	BN63-00048A	GASKET-EMI	RB17AS,-,3MM,13MM,142MM,-,-,EMI	SNA
CIS	BN70-00181A	SHIELD-D/SUB	RB17AS,SPT,-,0.5,-,-,-	SNA
CIS	BN46-00007VV	MICOM-S/W,REMBRANT17	RB17AS(REMBRANT),-,-,-,-,-	SNA
CN100	3711-000057	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,ANGLE,SN	SNA
CN107	3711-004270	CONNECTOR-HEADER	BOX,2P,1R,2MM,ANGLE,SN	SNA
CN108	3711-004386	CONNECTOR-HEADER	BOX,3P,1R,2mm,ANGLE,SN	SNA
CN113	3701-001227	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AU	
CN116	3701-001219	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AUF	
CN117	3722-000117	JACK-DC POWER	3P,3.5mm,AG,BLK,NO	SNA
CN120	3722-001055	JACK-PHONE	5P/2C,3.6mm,AG,BLK,#16-22	SNA
IC103	0903-001194	IC-MICROCONTROLLER	3P863,88it,SDIP,42P,600MIL,12MHz,ST,CMOS,PLASTIC,5V,-,40to+85C,1040BYTE,48KBYTE	SNA
IC103 SOCK	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
BD1	3301-001163	CORE-FERRITE BEAD	AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm	SNA
BD2	3301-001163	CORE-FERRITE BEAD	AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm	SNA
BD3	3301-001163	CORE-FERRITE BEAD	AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm	SNA
C100	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C101	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C103	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C104	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C108	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C111	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C112	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C113	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C115	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C116	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C118	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C120	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C121	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C122	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C134	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C140	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C141	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C142	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C150	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C152	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C155	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C157	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C163	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C164	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C165	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C166	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C167	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C168	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C169	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C170	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C171	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C172	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C173	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C174	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C175	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C176	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C177	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C178	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C179	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C180	2203-000716	C-CERAMIC,CHIP	3.3nF,10%,50V,X7R,TP,2012,-	
C181	2203-000716	C-CERAMIC,CHIP	3.3nF,10%,50V,X7R,TP,2012,-	
C182	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C183	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C184	2203-001607	C-CERAMIC,CHIP	0.22nF,5%,50V,NP0,TP,1608	
C185	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C186	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C187	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C188	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C189	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C190	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C191	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C192	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C193	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C194	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C195	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C196	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C198	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C199	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C200	2203-000701	C-CERAMIC,CHIP	0.002nF,0.25pF,50V,NP0,TP,2012	
C201	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C202	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C203	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C204	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C205	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C206	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C207	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C208	2203-000701	C-CERAMIC,CHIP	0.002nF,0.25pF,50V,NP0,TP,2012	
C209	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C210	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C211	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C212	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C213	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
C215	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C216	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C217	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C218	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C219	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C220	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C222	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C223	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C224	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C225	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C226	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C227	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C228	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C229	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C230	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C231	2402-000144	C-AL,SMD	3.3uF,20%,50V,GP,TP,4.3x4.3x5.4	
C232	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C233	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C234	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C235	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C236	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C237	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C238	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C239	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C243	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C247	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C248	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C249	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C250	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C251	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C252	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C253	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C254	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C255	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C256	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C257	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C258	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C260	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C261	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C263	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C264	2203-000989	C-CERAMIC,CHIP	47nF,10%,50V,X7R,TP,2012	
C265	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C266	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C267	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C268	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C269	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C270	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
C271	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C273	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C274	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C276	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C278	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C279	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C280	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C281	2203-001140	C-CERAMIC,CHIP	68nF,10%,16V,X7R,TP,1608,-	
C282	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C284	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C285	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C286	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C287	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C288	2203-001140	C-CERAMIC,CHIP	68nF,10%,16V,X7R,TP,1608,-	
C289	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C290	2203-001140	C-CERAMIC,CHIP	68nF,10%,16V,X7R,TP,1608,-	
C291	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C292	2203-002442	C-CERAMIC,CHIP	330nF,+80-20%,25V,Y5V,TP,2012	
C293	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C294	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C295	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C296	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C297	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C298	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C299	2203-000839	C-CERAMIC,CHIP	0.39nF,5%,50V,NP0,TP,2012	
C300	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C301	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C302	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C303	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C304	2203-000491	C-CERAMIC,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	
C305	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C306	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C307	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C308	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C309	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C310	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C311	2402-000179	C-AL,SMD	47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C312	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C313	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C314	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C315	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C316	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C317	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C318	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C319	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C320	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C321	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C322	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C323	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C324	2203-000839	C-CERAMIC,CHIP	0.39nF,5%,50V,NP0,TP,2012	
C326	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C327	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C329	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C330	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C331	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C332	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C334	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C335	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C336	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C337	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C338	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C340	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C341	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C342	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C343	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C345	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C346	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C347	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C348	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C349	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C350	2402-000179	C-AL,SMD	47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C351	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C352	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C353	2402-000144	C-AL,SMD	3.3uF,20%,50V,GP,TP,4.3x4.3x5.	
C354	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C355	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C357	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C358	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C359	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C360	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C361	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C366	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C367	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C368	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C374	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C381	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C382	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C383	2203-000815	C-CERAMIC,CHIP	0.033nF,5%,50V,NP0,TP,1608	
C384	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C385	2203-000843	C-CERAMIC,CHIP	39nF,10%,25V,X7R,TP,1608,-	
C387	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C388	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C390	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C393	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C395	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C396	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C397	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C398	2203-000726	C-CERAMIC,CHIP	3.9nF,10%,50V,X7R,TP,1608,-	
C403	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C404	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C405	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C406	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C407	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C408	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C409	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C410	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C411	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C412	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C414	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C415	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C424	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C425	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C426	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C427	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C428	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C432	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C436	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C437	2203-002526	C-CERAMIC,CHIP	56nF,10%,25V,X7R,BK,1608,-	
C438	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C439	2203-002526	C-CERAMIC,CHIP	56nF,10%,25V,X7R,BK,1608,-	
C440	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C441	2203-002526	C-CERAMIC,CHIP	56nF,10%,25V,X7R,BK,1608,-	
C442	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C443	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C444	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C445	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C446	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C453	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C454	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C457	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C459	2203-001158	C-CERAMIC,CHIP	0.068nF,5%,50V,NP0,TP,2012	
C460	2203-001158	C-CERAMIC,CHIP	0.068nF,5%,50V,NP0,TP,2012	
C461	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C462	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C463	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C468	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C469	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C470	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C471	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C472	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C475	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	

Loc. No.	Code No.	Description	Specification	Remarks
C476	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C478	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C488	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C489	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C490	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C491	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C497	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C498	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C499	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C501	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C502	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C503	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C504	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C505	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C506	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C507	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C508	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C509	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C510	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C511	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C512	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C513	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C514	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C515	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C516	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C526	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C527	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C528	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C529	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C530	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C531	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C532	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C533	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C534	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C535	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C536	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C537	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C538	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C539	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C540	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C541	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C542	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C543	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C544	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C545	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C546	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C547	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C548	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C549	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C550	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C551	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C552	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C553	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C554	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C555	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C556	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C557	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C558	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C559	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C560	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C561	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C562	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C602	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C609	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C700	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C701	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C702	2402-000173	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
C703	2402-000173	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
C704	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C705	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C706	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C707	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C708	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C709	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C710	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C723	2402-000173	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
C724	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
CA100	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA101	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA102	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA103	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA104	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA105	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA106	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA107	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA108	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA109	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA110	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA111	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA112	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA113	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA114	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA115	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA116	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	

Loc. No.	Code No.	Description	Specification	Remarks
CA117	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA118	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA119	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA120	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA121	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA122	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA123	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA124	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA125	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA126	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA127	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA128	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA129	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA130	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA131	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA132	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA133	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA134	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA135	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA136	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA137	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CN105	3711-002046	CONNECTOR-HEADER	3WALL,12P,1R,1.25mm,SMD-S,SN	SNA
CN109	3711-002127	CONNECTOR-HEADER	BOX,8P,1R,1.25mm,SMD-A,SN	SNA
CN114	3711-003938	CONNECTOR-HEADER	3WALL,15P,1R,1.25mm,SMD-S,SN	SNA
CN121	3711-004067	CONNECTOR-HEADER	BOX,4P,1R,2mm,ANGLE,SN	SNA
CN200	3711-004070	CONNECTOR-HEADER	BOX,30P,1R,1.25mm,SMD-A,SN	SNA
D100	0402-000553	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	
D102	0402-000553	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	
D103	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D104	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D105	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D106	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D107	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D108	0402-000553	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	
D109	0402-000553	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	
D117	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D118	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D119	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D120	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D121	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D142	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
FT104	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT115	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT116	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT119	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT122	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT123	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	

Loc. No.	Code No.	Description	Specification	Remarks
FT124	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SNA
FT125	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT126	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT127	2901-001133	FILTER-EMI SMD	25V,0.15A,-,33pF,2x1.25x0.8mm,TP	
FT129	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT130	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT131	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT132	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT133	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT134	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT135	2901-001133	FILTER-EMI SMD	25V,0.15A,-,33pF,2x1.25x0.8mm,TP	
FT136	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT137	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT138	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT139	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SNA
FT140	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT141	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT142	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SNA
FT143	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT144	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT145	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT147	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT148	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT149	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT150	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT151	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT153	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT154	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT156	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT158	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT159	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT160	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SNA
FT161	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT162	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT163	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT168	2901-001133	FILTER-EMI SMD	25V,0.15A,-,33pF,2x1.25x0.8mm,TP	SNA
FT169	2901-001133	FILTER-EMI SMD	25V,0.15A,-,33pF,2x1.25x0.8mm,TP	
FT170	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT171	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT174	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT175	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
FT200	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT201	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SNA
IC102	1203-001109	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	
IC104	1203-001831	IC-SWITCH VOL. REG.	2676,TO-263,7P,-,PLASTIC,4.900/5.100V,-,-40TO+125C,3A,-,TP	
IC107	1103-001023	IC-EEPROM	524C80081,1028x8bit,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,Qto+70C,110uA,CMOS,TP	
IC108	1107-001165	IC-FLASH MEMORY	29LV800,1MX8BIT,TSOP,48P,724MIL,90NS,3.3V,10%,PLASTIC,QTO+70C,5UA,CMOS,ST	

Loc. No.	Code No.	Description	Specification	Remarks
IC109	1203-001830	IC-SWITCH VOL. REG.	2676,TO-263,7P,-,PLASTIC,3.234/3.336V,-,40TO+125C,3A,-,TP	SNA
IC110	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC111	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC112	1204-001675	IC-SOUND PROCESSOR	MSP3451G,QFP,80P,-,PLASTIC,9V,1000mW,0to+70C,TR,Multistandard Sound	
IC113	1003-001386	IC-LCD CONTROLLER	MX88L284AEC,QFP,208P,1102MIL,DUAL,-,TR,PLASTIC,3.3V,0TO+70C,1.5W,-,SCALER IC	
IC114	0801-002396	IC-CMOS LOGIC	74LCX74,D FLIP FLOP,SOP,14P,15	
IC116	1001-001109	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-,40TO+85C,PLASTIC,-,4.00HM,5.	
IC118	1203-002082	IC-SWITCH VOL. REG.	2672,SOP,8P,150MIL,PLASTIC,4.85/5.15V,-,40to+125C,1A,-,TP	
IC119	1003-001365	IC-LCD CONTROLLER	PW364A,BGA,352P,1377MIL,-,100mA,TR,PLASTIC,-,0to+70C,-,-,-	
IC120	1203-001890	IC-VOLTAGE REGULATOR	3961,SOT223-5,5P,-,PLASTIC,2.5V,-,40to+125C,800mA,-,TR	
IC121	1204-001598	IC-VIDEO PROCESS	VPC3230D-B2,QFP,80P,-,PLASTIC,6V,1.4W,0to+65C,ST,-	
IC122	1203-001831	IC-SWITCH VOL. REG.	2676,TO-263,7P,-,PLASTIC,4.900/5.100V,-,40TO+125C,3A,-,TP	
IC123	0801-002394	IC-CMOS LOGIC	74LCX32,OR GATE,SOIC,14P,150MI	
IC124	1205-002002	IC-MULTIPLIER	ICSS512MT,SOIC,8P,153MIL,PLASTIC,7V,-,0TO+70C,TP,PLL CLOCK MULTIPLIER	
IC125	1205-002002	IC-MULTIPLIER	ICSS512MT,SOIC,8P,153MIL,PLASTIC,7V,-,0TO+70C,TP,PLL CLOCK MULTIPLIER	
IC127	1103-000138	IC-EEPROM	24C16,2Kx8BIT,SOP,8P,150MIL,10	
IC128	1203-001109	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	
IC129	0801-002267	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-,40TO+85C,-,5.5V,-,-,24MA	
IC130	1103-001164	IC-EEPROM	24LC21A,128x8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP	
IC134	1002-001204	IC-A/D CONVERTER	AD9884AKS-140,8BIT,QFP,128P,-,°ae0.5LSB,TR,CMOS,PLASTIC,4V,0to+70C,570mW,Flat Pan	
IC136	0801-002171	IC-CMOS LOGIC	74LCX125,BUS BUFFER,SOP,14P,15	
IC138	1203-001293	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	
IC139	0801-002267	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-,40TO+85C,-,5.5V,-,-,24MA	
IC140	1204-001551	IC-VIDEO SYSTEM	GS1881,SOIC,8P,150MIL,PLASTIC,13.2V,-,0TO+70C,TP,VIDEO SYNC SEPARATOR	
IC146	1205-001870	IC-TRANSMITTER	DS90C387VJD,QFP,100P,550MIL,PLASTIC,3.6V,2.8W,-,10to+70C,TR,Dual Pixel LVDS	
IC148	1203-001488	IC-POSI.FIXED REG.	7805,TO-252,3P,-,PLASTIC,4.8/5	
IC149	1201-001495	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,-	
IC150	1001-001109	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-,40TO+85C,PLASTIC,-,4.00HM,5.	
IC151	1201-001681	IC-AUDIO AMP	1101,SOP,30P,433MIL,-,PLASTIC,13.2V,-,0to+70C,-,-,-,-,TP	
IC200	1203-001293	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	
L100	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L101	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L106	BN27-20001A	COIL-CHOKE		
L107	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L108	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L109	BN27-00002A	COIL-CHOKE(SMD)	47UH,20%,12*12*8MM,TP,-,-	
L110	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L112	BN27-00002A	COIL-CHOKE(SMD)	47UH,20%,12*12*8MM,TP,-,-	
L113	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L114	BN27-20001A	COIL-CHOKE		
L115	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L116	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L125	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
L126	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L127	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L128	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L129	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	

Loc. No.	Code No.	Description	Specification	Remarks
L132	BN27-00007A	COIL-SMD	DHB0504-100,RB15,17NS,10UH,±10%;-0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	SNA
L133	BN27-00007A	COIL-SMD	DHB0504-100,RB15,17NS,10UH,±10%;-0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L134	BN27-00007A	COIL-SMD	DHB0504-100,RB15,17NS,10UH,±10%;-0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L135	BN27-00007A	COIL-SMD	DHB0504-100,RB15,17NS,10UH,±10%;-0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L200	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
MP1.0	BN41-00091A	PCB MAIN	RB17NS,FR4,6L,-,-,210*205*2,XGT1,-,-,-	
Q100	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q104	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q106	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q107	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q108	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q109	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q110	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q111	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q112	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q113	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
R100	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R101	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R104	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R108	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R109	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R110	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R111	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R112	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R113	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R114	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R115	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R116	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R117	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R118	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R119	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R120	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R121	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R122	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R124	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R126	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R132	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R133	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R134	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R135	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R136	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R138	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R139	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R143	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R144	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R145	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R150	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R151	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R152	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R153	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R160	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R161	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R162	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R163	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R164	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R165	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R166	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R168	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R169	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R170	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R172	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R173	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R174	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R175	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R176	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R177	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R183	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R184	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R185	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R186	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R187	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R188	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R189	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R190	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R191	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R192	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R193	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R194	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R195	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R198	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R199	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R200	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R201	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R202	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R203	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R204	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R205	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R206	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R207	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R208	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R209	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R210	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R211	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R212	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R213	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R214	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R215	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R216	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R217	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R218	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R219	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R220	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R221	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R222	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R223	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R224	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R225	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R227	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R228	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R229	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R230	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R231	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R232	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R233	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R234	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R235	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R236	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R237	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R238	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R239	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R242	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R246	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R247	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R249	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R250	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R251	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R256	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R257	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R258	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R259	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R260	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R261	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R262	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R263	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R270	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R271	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R272	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R273	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R274	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R275	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R276	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R277	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R278	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R279	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R280	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R281	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R282	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R283	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R284	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R285	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R286	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R287	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R288	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R289	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R290	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R291	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R292	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R293	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R294	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R295	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R296	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R297	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R298	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R299	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R300	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R301	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R302	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R303	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R304	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R305	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R306	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R307	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R308	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R309	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R310	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R311	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R312	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R314	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R315	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R316	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R317	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R318	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R319	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R320	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R321	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R322	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R323	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R324	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R325	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R326	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R327	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R328	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R329	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R330	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R331	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R332	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R333	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R334	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R335	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R336	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R337	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R338	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R339	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R340	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R341	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R342	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R343	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R344	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R345	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R346	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R347	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R348	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R349	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R350	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R351	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R352	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R353	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R354	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R355	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R356	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R357	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R358	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R359	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R360	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R364	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R365	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R366	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R367	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R368	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R369	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R370	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R371	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R373	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R375	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R376	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R377	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R378	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R379	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R380	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R381	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R382	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R387	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R388	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R389	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R390	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R391	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R392	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R393	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R394	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R395	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R396	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R397	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R398	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R399	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R400	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R401	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R402	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R403	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R404	2007-000092	R-CHIP	15Kohm,5%,1/16W,DA,TP,1608	
R405	2007-000094	R-CHIP	22Kohm,5%,1/16W,DA,TP,1608	
R406	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R407	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R408	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R409	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R410	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R411	2007-000097	R-CHIP	47Kohm,5%,1/16W,DA,TP,1608	
R412	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R417	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R418	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R419	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R421	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R422	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R426	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R427	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R428	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R429	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R430	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R431	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R432	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R435	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R436	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R437	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,2012	
R438	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,2012	
R439	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,2012	
R440	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R444	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R449	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R453	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,2012	
R454	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R455	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R456	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R457	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R462	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R463	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R465	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R469	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R470	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R471	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R472	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R473	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R474	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R476	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R480	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R483	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R484	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R486	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R487	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R488	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R490	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R491	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R492	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R493	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R494	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R495	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R496	2007-001114	R-CHIP	680Kohm,5%,1/16W,DA,TP,1608	
R502	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R503	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R504	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R505	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R508	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R509	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R510	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R513	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R514	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R515	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R516	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R517	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R518	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R519	2007-000116	R-CHIP	120ohm,5%,1/16W,DA,TP,1608	
R523	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R524	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R528	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R537	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R538	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R545	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R546	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R549	2007-000113	R-CHIP	33ohm,5%,1/16W,DA,TP,1608	
R557	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,2012	
R558	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R559	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R560	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R561	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R562	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R563	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R564	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R565	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R566	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R573	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R575	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R576	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R577	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R578	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R579	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R580	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R581	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R582	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R583	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R584	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R585	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R586	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R587	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R588	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R589	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R590	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R591	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R592	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R593	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R598	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R609	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R610	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R611	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R612	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
R613	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R614	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R615	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R616	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R617	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R618	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R619	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R620	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R621	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R622	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R623	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R624	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R625	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R626	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R627	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R628	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R629	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R630	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R631	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R632	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R633	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R634	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R636	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R637	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R638	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R639	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R640	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R641	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R642	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R643	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R644	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R645	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R646	2007-000518	R-CHIP	2.7KOHM,5%,1/10W,DA,TP,2012	
R647	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,2012	
R649	2007-000093	R-CHIP	20Kohm,5%,1/16W,DA,TP,1608	
R651	2007-000093	R-CHIP	20Kohm,5%,1/16W,DA,TP,1608	
R652	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R653	2007-000290	R-CHIP	100OHM,5%,1/10W,DA,TP,2012	
R654	2007-000308	R-CHIP	100HM,5%,1/10W,DA,TP,2012	
R655	2007-000308	R-CHIP	100HM,5%,1/10W,DA,TP,2012	
R656	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R657	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R658	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R701	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R702	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R703	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R704	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
RA100	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA101	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA102	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA103	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA104	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA105	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA106	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA107	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA108	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA109	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA110	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA111	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA112	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA113	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA114	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA115	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA116	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA117	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA124	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA125	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA126	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA127	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA128	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA129	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
X100	2801-003773	CRYSTAL-SMD	12MHZ,30PPM,28-AAN,20PF,500HM,TP	
X101	2801-003843	CRYSTAL-SMD	18.432MHz,30ppm,28-AAN,20pF,50ohm,TP	
X102	2801-003667	CRYSTAL-SMD	14.3182MHZ,50PPM,28-AAN,16,500HM,TP	
X103	2801-004004	CRYSTAL-SMD	20.25MHz,20ppm,28-AAN,13pF,25ohm,TP	
X104	2801-003953	CRYSTAL-SMD	16MHz,30ppm,28-AAN,20pF,50ohm,TP	
ZD100	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD101	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD102	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD103	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD104	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD105	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD106	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD107	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD108	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD109	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD110	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD111	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD112	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD113	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD114	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD115	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD116	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD117	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
ZD118	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD119	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD120	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD121	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD125	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD126	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD127	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD128	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD129	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD130	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD131	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

7-2 RB17NS Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
C138	2409-001004	C-ORGANIC	100uF,20%,16V,LL,BK,8x10.5mm,3	
C197	2409-001004	C-ORGANIC	100uF,20%,16V,LL,BK,8x10.5mm,3	
C339	2409-001004	C-ORGANIC	100uF,20%,16V,LL,BK,8x10.5mm,3	
CIS	0201-001223	ADHESIVE-TS	HT-130S,RED,700+/- 50,-	
CIS	BN63-00048A	GASKET-EMI	RB17AS,-,3MM,13MM,142MM,-,-,EMI	SNA
CIS	BN70-00181A	SHIELD-D/SUB	RB17AS,SPT,-,0.5,-,-,-	SNA
CIS	BN46-00008E	MICOM-S/W,REMBRANDT	RB17NS,-,-,-,-,-,-	SNA
CN100	3711-000057	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,ANGLE,SN	SNA
CN107	3711-004270	CONNECTOR-HEADER	BOX,2P,1R,2MM,ANGLE,SN	SNA
CN108	3711-004386	CONNECTOR-HEADER	BOX,3P,1R,2mm,ANGLE,SN	SNA
CN113	3701-001227	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AU	
CN115	3701-001228	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AU	
CN116	3701-001219	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AUF	
CN117	3722-000117	JACK-DC POWER	3P,3.5mm,AG,BLK,NO	SNA
CN118	3722-001176	JACK-PIN	1P,3.4mm,SN,WHT,#16-22	SNA
CN119	3722-001177	JACK-PIN	1P,3.4mm,SN,RED,#16-22	SNA
CN120	3722-001055	JACK-PHONE	5P/2C,3.6mm,AG,BLK,#16-22	SNA
IC103	0903-001194	IC-MICROCONTROLLER	3P863,88ti,SDIP,42P,600MIL,12MHz,ST,CMOS,PLASTIC,SV,-,40to+85C,1040BYTE,48KBYTE	SNA
IC103 SOCK	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
BD1	3301-001163	CORE-FERRITE BEAD	AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm	SNA
BD2	3301-001163	CORE-FERRITE BEAD	AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm	SNA
BD3	3301-001163	CORE-FERRITE BEAD	AB,80ohm,2x1.25x1mm,300mA,TP,FERRITE,0.08ohm	SNA
C100	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C101	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C103	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C104	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C108	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C111	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C112	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C113	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C115	2402-000108	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	
C116	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C118	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C120	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C121	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C122	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C134	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C140	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C141	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C142	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C150	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C152	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C155	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C157	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C163	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C164	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C165	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C166	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C167	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C168	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C169	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C170	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C171	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C172	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C173	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C174	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C175	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C176	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C177	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C178	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C179	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C180	2203-000716	C-CERAMIC,CHIP	3.3nF,10%,50V,X7R,TP,2012,-	
C181	2203-000716	C-CERAMIC,CHIP	3.3nF,10%,50V,X7R,TP,2012,-	
C182	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C183	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C184	2203-001607	C-CERAMIC,CHIP	0.22nF,5%,50V,NP0,TP,1608	
C185	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C186	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C187	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C188	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C189	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C190	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C191	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C192	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C193	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C194	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C195	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C196	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C198	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C199	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C200	2203-000701	C-CERAMIC,CHIP	0.002nF,0.25pF,50V,NP0,TP,2012	
C201	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C202	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C203	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C204	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C205	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C206	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C207	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C208	2203-000701	C-CERAMIC,CHIP	0.002nF,0.25pF,50V,NP0,TP,2012	
C209	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C210	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C211	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C212	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C213	2203-001077	C-CERAMIC,CHIP	0.056nF,5%,50V,NP0,TP,2012	
C215	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C216	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C217	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C218	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C219	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C220	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C222	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C223	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C224	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C225	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C226	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C227	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C228	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C229	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C230	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C231	2402-000144	C-AL,SMD	3.3uF,20%,50V,GP,TP,4.3x4.3x5.	
C232	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C233	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C234	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C235	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C236	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C237	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C238	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C239	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C240	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C241	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C242	2402-001100	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	
C243	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C244	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C245	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C246	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C247	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C248	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C249	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C250	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C251	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C252	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C253	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C254	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C255	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C256	2203-000626	C-CERAMIC,CHIP	0.022nF,5%,50V,NP0,TP,1608	
C257	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C258	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C259	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C260	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C261	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	

Loc. No.	Code No.	Description	Specification	Remarks
C262	2203-000491	C-CERAMIC,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	
C263	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C264	2203-000989	C-CERAMIC,CHIP	47nF,10%,50V,X7R,TP,2012	
C265	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C266	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C267	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C268	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C269	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C270	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C271	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C273	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C274	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C276	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C278	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C279	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C280	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C281	2203-001140	C-CERAMIC,CHIP	68nF,10%,16V,X7R,TP,1608,-	
C282	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C284	2402-001086	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	
C285	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C286	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C287	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C288	2203-001140	C-CERAMIC,CHIP	68nF,10%,16V,X7R,TP,1608,-	
C289	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C290	2203-001140	C-CERAMIC,CHIP	68nF,10%,16V,X7R,TP,1608,-	
C291	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C292	2203-002442	C-CERAMIC,CHIP	330nF,+80-20%,25V,Y5V,TP,2012	
C293	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C294	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C295	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C296	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C297	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C298	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C299	2203-000839	C-CERAMIC,CHIP	0.39nF,5%,50V,NP0,TP,2012	
C300	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C301	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C302	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C303	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C304	2203-000491	C-CERAMIC,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	
C305	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C306	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C307	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C308	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C309	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C310	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C311	2402-000179	C-AL,SMD	47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C312	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	

Loc. No.	Code No.	Description	Specification	Remarks
C313	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C314	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C315	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C316	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C317	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C318	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C319	2203-000140	C-CERAMIC,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	
C320	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C321	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C322	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C323	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C324	2203-000839	C-CERAMIC,CHIP	0.39nF,5%,50V,NP0,TP,2012	
C326	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C327	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C328	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C329	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C330	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C331	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C332	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C333	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C334	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C335	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C336	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C337	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C338	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C340	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C341	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C342	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C343	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C345	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C346	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C347	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C348	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C349	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C350	2402-000179	C-AL,SMD	47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C351	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C352	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C353	2402-000144	C-AL,SMD	3.3uF,20%,50V,GP,TP,4.3x4.3x5.	
C354	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C355	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C356	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C357	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C358	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C359	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C360	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C361	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C362	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C363	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C364	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C365	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C366	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C367	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C368	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C369	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C370	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C371	2203-000843	C-CERAMIC,CHIP	39nF,10%,25V,X7R,TP,1608,-	
C373	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C374	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C375	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C376	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C377	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C378	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C379	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C381	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C382	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C383	2203-000815	C-CERAMIC,CHIP	0.033nF,5%,50V,NP0,TP,1608	
C384	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C385	2203-000843	C-CERAMIC,CHIP	39nF,10%,25V,X7R,TP,1608,-	
C386	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C387	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C388	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C389	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C390	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C391	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C393	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C394	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C395	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C396	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C397	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C398	2203-000726	C-CERAMIC,CHIP	3.9nF,10%,50V,X7R,TP,1608,-	
C400	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C401	2203-005065	C-CERAMIC,CHIP	1000nF,+80-20%,10V,Y5V,TP,1608	
C402	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C403	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C404	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C405	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C406	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C407	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C408	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C409	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C410	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C411	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C412	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C413	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
C414	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C415	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C416	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C417	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C418	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C419	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C420	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C421	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C422	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C423	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C424	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C425	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C426	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C427	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C428	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C429	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C430	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C431	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C432	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C436	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C437	2203-002526	C-CERAMIC,CHIP	56nF,10%,25V,X7R,BK,1608,-	
C438	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C439	2203-002526	C-CERAMIC,CHIP	56nF,10%,25V,X7R,BK,1608,-	
C440	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C441	2203-002526	C-CERAMIC,CHIP	56nF,10%,25V,X7R,BK,1608,-	
C442	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C443	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C444	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C445	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C446	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C447	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C448	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C449	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C450	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C451	2203-000972	C-CERAMIC,CHIP	47nF,10%,16V,X7R,TP,1608	
C452	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C453	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C454	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C455	2203-001158	C-CERAMIC,CHIP	0.068nF,5%,50V,NP0,TP,2012	
C456	2203-001158	C-CERAMIC,CHIP	0.068nF,5%,50V,NP0,TP,2012	
C457	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C458	2203-000257	C-CERAMIC,CHIP	10nF,10%,50V,X7R,TP,1608	
C459	2203-001158	C-CERAMIC,CHIP	0.068nF,5%,50V,NP0,TP,2012	
C460	2203-001158	C-CERAMIC,CHIP	0.068nF,5%,50V,NP0,TP,2012	
C461	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C462	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C463	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	

Loc. No.	Code No.	Description	Specification	Remarks
C464	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C465	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C466	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C467	2203-001630	C-CERAMIC,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	
C468	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C469	2203-001402	C-CERAMIC,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	
C470	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C471	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C472	2203-000784	C-CERAMIC,CHIP	0.33nF,5%,50V,NP0,TP,2012	
C473	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C474	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C476	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C477	2402-000179	C-AL,SMD	47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C478	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C479	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C480	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C481	2203-000491	C-CERAMIC,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	
C482	2203-000726	C-CERAMIC,CHIP	3.9nF,10%,50V,X7R,TP,1608,-	
C484	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C485	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C488	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C489	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C490	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C491	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C492	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
C493	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C494	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C495	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C496	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C497	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C498	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C499	2203-000903	C-CERAMIC,CHIP	0.0047nF,0.25pF,50V,NP0,TP,1608	
C500	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C501	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C502	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C503	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C504	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C505	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C506	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C507	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C508	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C509	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C510	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C511	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C512	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C513	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C514	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	

Loc. No.	Code No.	Description	Specification	Remarks
C515	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C516	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C526	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C527	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C528	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C529	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C530	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C531	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C532	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C533	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C534	2402-000170	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
C535	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C536	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C537	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C538	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C539	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C540	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C541	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C543	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C544	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C545	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C546	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C547	2203-005005	C-CERAMIC,CHIP	100nF,10%,16V,X7R,TP,1608	
C548	2203-001656	C-CERAMIC,CHIP	0.47nF,5%,50V,NP0,TP,1608	
C549	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C550	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C551	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C552	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C553	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C554	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C555	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C556	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C557	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C558	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C559	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C560	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C561	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C562	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012,-	
C602	2203-001088	C-CERAMIC,CHIP	0.005nF,0.25pF,50V,NP0,TP,2012	
C609	2203-005189	C-CERAMIC,CHIP	680nF,+80-20%,16V,Y5V,TP,2012,	
C655	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C656	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C657	2203-000384	C-CERAMIC,CHIP	0.015nF,5%,50V,NP0,TP,1608	
C700	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C701	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C702	2402-000173	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
C703	2402-000173	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	

Loc. No.	Code No.	Description	Specification	Remarks
C704	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C705	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C706	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C707	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C708	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C709	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C710	2203-000236	C-CERAMIC,CHIP	0.1nF,5%,50V,NP0,TP,1608	
C723	2402-000173	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
C724	2409-001029	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	
CA100	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA101	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA102	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA103	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA104	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA105	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA106	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA107	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA108	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA109	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA110	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA111	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA112	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA113	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA114	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA115	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA116	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA117	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA118	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA119	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA120	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA121	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA122	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA123	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA124	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA125	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA126	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA127	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA128	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA129	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA130	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA131	2503-001019	C-NETWORK	33PFX4,10%,50V,CHIP	
CA132	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA133	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA134	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA135	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA136	2503-001018	C-NETWORK	15PFX4,10%,50V,-	
CA137	2503-001018	C-NETWORK	15PFX4,10%,50V,-	

Loc. No.	Code No.	Description	Specification	Remarks
CN105	3711-002046	CONNECTOR-HEADER	3WALL, 12P, 1R, 1.25mm, SMD-S, SN	SNA
CN109	3711-002127	CONNECTOR-HEADER	BOX, 8P, 1R, 1.25mm, SMD-A, SN	SNA
CN114	3711-003938	CONNECTOR-HEADER	3WALL, 15P, 1R, 1.25mm, SMD-S, SN	SNA
CN121	3711-004067	CONNECTOR-HEADER	BOX, 4P, 1R, 2mm, ANGLE, SN	SNA
CN200	3711-004070	CONNECTOR-HEADER	BOX, 30P, 1R, 1.25mm, SMD-A, SN	SNA
D100	0402-000553	DIODE-RECTIFIER	SS24, 40V, 2.0A, DO-214AA	
D102	0402-000553	DIODE-RECTIFIER	SS24, 40V, 2.0A, DO-214AA	
D103	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D104	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D105	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D106	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D107	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D108	0402-000553	DIODE-RECTIFIER	SS24, 40V, 2.0A, DO-214AA	
D109	0402-000553	DIODE-RECTIFIER	SS24, 40V, 2.0A, DO-214AA	
D110	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D111	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D112	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D113	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D114	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D115	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D116	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D117	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D118	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D119	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D120	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D121	0403-001052	DIODE-ZENER	RD8.2MB, 8.2V, 7.7-8.64V, 200mW, S	
D142	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D143	0401-001056	DIODE-SWITCHING	MMBD4148SE, 75V, 600mA, SOT-23, TP	
D144	0403-000277	DIODE-ZENER	MMBZ5226B, 3.3V, 5%, 225mW, SOT-23	
FT104	3301-001145	CORE-FERRITE BEAD	AB, 4.5x1.6x1.6mm, -,-	SNA
FT115	3301-001145	CORE-FERRITE BEAD	AB, 4.5x1.6x1.6mm, -,-	SNA
FT116	3301-001145	CORE-FERRITE BEAD	AB, 4.5x1.6x1.6mm, -,-	SNA
FT119	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT122	3301-001145	CORE-FERRITE BEAD	AB, 4.5x1.6x1.6mm, -,-	SNA
FT123	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT124	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT125	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT126	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT127	2901-001133	FILTER-EMI SMD	25V, 0.15A, -, 33pF, 2x1.25x0.8mm, TP	
FT129	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT130	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT131	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT132	3301-001145	CORE-FERRITE BEAD	AB, 4.5x1.6x1.6mm, -,-	SNA
FT133	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT134	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	
FT135	2901-001133	FILTER-EMI SMD	25V, 0.15A, -, 33pF, 2x1.25x0.8mm, TP	
FT136	2901-001114	FILTER-EMI SMD	25VDC, 2.0ADC, -, 100nF, 3.2x1.6x1	

Loc. No.	Code No.	Description	Specification	Remarks
FT137	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT138	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT139	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT140	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT141	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT142	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT143	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT144	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT145	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT147	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT148	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT149	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT150	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT151	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT152	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT153	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT154	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT155	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT156	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT158	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT159	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT160	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT161	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT162	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT163	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT164	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT165	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT166	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT167	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT168	2901-001133	FILTER-EMI SMD	25V,0.15A,-,33pF,2x1.25x0.8mm,TP	
FT169	2901-001133	FILTER-EMI SMD	25V,0.15A,-,33pF,2x1.25x0.8mm,TP	
FT170	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT171	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT174	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT175	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT200	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT201	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT205	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
IC102	1203-001109	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	
IC104	1203-001831	IC-SWITCH VOL. REG.	2676,TO-263,7P,-,PLASTIC,4.900/5.100V,-,-40TO+125C,3A,-,TP	
IC107	1103-001023	IC-EEPROM	524C80D81,1028x8BIT,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP	
IC108	1107-001165	IC-FLASH MEMORY	29LV800,1MX8BIT,TSOP,48P,724MIL,90NS,3.3V,10%,PLASTIC,0TO+70C,5UA,CMOS,ST	
IC109	1203-001830	IC-SWITCH VOL. REG.	2676,TO-263,7P,-,PLASTIC,3.234/3.336V,-,-40TO+125C,3A,-,TP	
IC110	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC111	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC112	1204-001675	IC-SOUND PROCESSOR	MSP3451G,QFP,80P,-,PLASTIC,9V,1000mW,0to+70C,TR,Multistandard Sound	
IC113	1003-001386	IC-LCD CONTROLLER	MX88L284AEC,QFP,208P,1102MIL,DUAL,-,TR,PLASTIC,3.3V,0TO+70C,1.5W,-,SCALER IC	

Loc. No.	Code No.	Description	Specification	Remarks
IC114	0801-002396	IC-CMOS LOGIC	74LCX74,D FLIP FLOP,SOP,14P,15	
IC116	1001-001109	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-4.00HM,5	
IC117	1204-001388	IC-DECODER	Z86129,SOP,18P,-,PLASTIC,6.0V,	
IC118	1203-002082	IC-SWITCH VOL. REG.	2672,SOP,8P,150MIL,PLASTIC,4.85/5.15V,-,-40to+125C,1A,-,TP	
IC119	1003-001365	IC-LCD CONTROLLER	PW364A,BGA,352P,1377MIL,-,100mA,TR,PLASTIC,-,0to+70C,-,-,-	
IC120	1203-001890	IC-VOLTAGE REGULATOR	3961,SOT223-5,5P,-,PLASTIC,2.5V,-,-40to+125C,800mA,-,TR	
IC121	1204-001598	IC-VIDEO PROCESS	VPC3230D-B2,QFP,80P,-,PLASTIC,6V,1.4W,0to+65C,ST,-	
IC122	1203-001831	IC-SWITCH VOL. REG.	2676,TO-263,7P,-,PLASTIC,4.900/5.100V,-,-40TO+125C,3A,-,TP	
IC123	0801-002394	IC-CMOS LOGIC	74LCX32,OR GATE,SOIC,14P,150MI	
IC124	1205-002002	IC-MULTIPLIER	ICS512MT,SOIC,8P,153MIL,PLASTIC,7V,-,0TO+70C,TP,PLL CLOCK MULTIPLIER	
IC125	1205-002002	IC-MULTIPLIER	ICS512MT,SOIC,8P,153MIL,PLASTIC,7V,-,0TO+70C,TP,PLL CLOCK MULTIPLIER	
IC126	0802-001007	IC-BICMOS LOGIC	74LCX244,BUFFER,TSSOP,20P,173MIL,OCTAL,TP,PLASTIC,TRI-STATE,-,0.55V,-40TO+85C,-,	
IC127	1103-000138	IC-EEPROM	24C16,2Kx8BIT,SOP,8P,150MIL,10	
IC128	1203-001109	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	
IC129	0801-002267	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-40TO+85C,-,5.5V,-,-24MA	
IC130	1103-001164	IC-EEPROM	24LC21A,128X8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP	
IC131	0801-002171	IC-CMOS LOGIC	74LCX125,BUS BUFFER,SOP,14P,15	
IC132	1002-001263	IC-A/D CONVERTER	FMS9875,8BIT,MQFP,100P,551MIL,+2.5,TP,CMOS,PLASTIC,3.6V,0TO+70C,800MW,ADC	
IC134	1002-001204	IC-A/D CONVERTER	AD9884AKS-140,8BIT,QFP,128P,-,±0.5LSB,TR,CMOS,PLASTIC,4V,0to+70C,570mW,Flat Pan	
IC135	1204-001551	IC-VIDEO SYSTEM	GS1881,SOIC,8P,150MIL,PLASTIC,13.2V,-,0TO+70C,TP,VIDEO SYNC SEPARATOR	
IC136	0801-002171	IC-CMOS LOGIC	74LCX125,BUS BUFFER,SOP,14P,15	
IC138	1203-001293	IC-POS.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	
IC139	0801-002267	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-40TO+85C,-,5.5V,-,-24MA	
IC140	1204-001551	IC-VIDEO SYSTEM	GS1881,SOIC,8P,150MIL,PLASTIC,13.2V,-,0TO+70C,TP,VIDEO SYNC SEPARATOR	
IC141	1204-001337	IC-SEPARATOR	BA7046F-E2,SOP,8P,-,PLASTIC,8V	
IC142	0801-002394	IC-CMOS LOGIC	74LCX32,OR GATE,SOIC,14P,150MI	
IC144	0801-002591	IC-CMOS LOGIC	74LVX273,D FLIP-FLOP,TSSOP,20P,173MIL,OCTAL,TP,PLASTIC,3-STATE,-,0.8V,-40to+85C,	
IC145	1203-001293	IC-POS.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	
IC146	1205-001870	IC-TRANSMITTER	DS90C387VJD,QFP,100P,550MIL,PLASTIC,3.6V,2.8W,-,10to+70C,TR,Dual Pixel LVDS	
IC148	1203-001488	IC-POS.FIXED REG.	7805,TO-252,3P,-,PLASTIC,4.8/5	
IC149	1201-001495	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,-	
IC150	1001-001109	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-4.00HM,5	
IC151	1201-001681	IC-AUDIO AMP	1101,SOP,30P,433MIL,-,PLASTIC,13.2V,-,0to+70C,-,-,-,-,TP	
IC200	1203-001293	IC-POS.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	
IC201	0801-002267	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-40TO+85C,-,5.5V,-,-24MA	
L100	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L101	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L106	BN27-20001A	COIL-CHOKE		
L107	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L108	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L109	BN27-00002A	COIL-CHOKE(SMD)	47UH,20%,12*12*8MM,TP,-,-	
L110	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L111	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L112	BN27-00002A	COIL-CHOKE(SMD)	47UH,20%,12*12*8MM,TP,-,-	
L113	2703-001778	INDUCTOR-SMD	3.3UH,20%,3.2X2.5X2.2MM	
L114	BN27-20001A	COIL-CHOKE		
L115	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	

Loc. No.	Code No.	Description	Specification	Remarks
L116	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	SNA
L125	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	
L126	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L127	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L128	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L129	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L132	BN27-00007A	COIL-SMD	DHB0504-100,RB15/17NS,10uH,±10%,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L133	BN27-00007A	COIL-SMD	DHB0504-100,RB15/17NS,10uH,±10%,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L134	BN27-00007A	COIL-SMD	DHB0504-100,RB15/17NS,10uH,±10%,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L135	BN27-00007A	COIL-SMD	DHB0504-100,RB15/17NS,10uH,±10%,0.080HM,1.5A,DR5.8X4.5,20.5TS,6.0X5.2X4.5MM,-	
L200	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	SNA
L250	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
MP1.0	BN41-00091A	PCB MAIN	RB17NS,FR4,6L,-,-,210*205*2,XGT1,-,-,-	
Q100	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q104	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q106	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q107	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q108	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q109	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q110	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q111	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q112	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q113	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
R100	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R101	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R104	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R108	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R109	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R110	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R111	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R112	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R113	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R114	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R115	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R116	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R117	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R118	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R119	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R120	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R121	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R122	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R124	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R126	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R132	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R133	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R134	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R135	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R136	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R138	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R139	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R143	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R144	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R145	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R150	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R151	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R152	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R153	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R160	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R161	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R162	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R163	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R164	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R165	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R166	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R168	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R169	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R172	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R173	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R174	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R175	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R176	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R183	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R184	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R185	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R186	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R187	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R188	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R189	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R190	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R191	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R192	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R193	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R194	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R195	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R198	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R199	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R200	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R201	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R202	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R203	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
R204	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R205	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R206	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R207	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R208	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R209	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R210	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R211	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R212	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R213	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R214	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R215	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R216	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R217	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R218	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R219	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R220	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R221	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R222	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R223	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R224	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R225	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R227	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R228	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R229	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R230	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R231	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R232	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R233	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R234	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R235	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R236	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R237	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R238	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R239	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R242	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R244	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R245	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R246	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R247	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R248	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R249	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R250	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R251	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R252	2007-000075	R-CHIP	220ohm,5%,1/16W,DA,TP,1608	
R253	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R254	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R255	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R256	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R257	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R258	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R259	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R260	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R261	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R262	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R263	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R264	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R265	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R266	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R267	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R268	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R269	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R270	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R271	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R272	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R273	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R274	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R275	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R276	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R277	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R278	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R279	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R280	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R281	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R282	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R283	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R284	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R285	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R286	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R287	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R288	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R289	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R290	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R291	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R292	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R293	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R294	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R295	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R296	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R297	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R298	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R299	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R300	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R301	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R302	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R303	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R304	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R305	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R306	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R307	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R308	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R309	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R310	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R311	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R312	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R314	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R315	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R316	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R317	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R318	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R319	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R320	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R321	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R322	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R323	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R324	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R325	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R326	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R327	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R328	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R329	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R330	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R331	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R332	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R333	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R334	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R335	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R336	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R337	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R338	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R339	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R340	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R341	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R342	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R343	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R344	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R345	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R346	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R347	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R348	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R349	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R350	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R351	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R352	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R353	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R354	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R355	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R356	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R357	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R358	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R359	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R360	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R364	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R365	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R366	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R367	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R368	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R369	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R370	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R371	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R373	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R375	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R376	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R377	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R378	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R379	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R380	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R381	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R382	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R383	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R384	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R385	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R386	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R387	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R388	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R389	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R390	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R391	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R392	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R393	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R394	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R395	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R396	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R397	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R398	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R399	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R400	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R401	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R402	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R403	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R404	2007-000092	R-CHIP	15Kohm,5%,1/16W,DA,TP,1608	
R405	2007-000094	R-CHIP	22Kohm,5%,1/16W,DA,TP,1608	
R406	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R407	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R408	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R409	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R410	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R411	2007-000097	R-CHIP	47Kohm,5%,1/16W,DA,TP,1608	
R412	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R413	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R414	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R415	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R416	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R417	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R418	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R419	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R421	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R422	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R426	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R427	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R428	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R429	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R430	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R431	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R432	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R435	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R436	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R437	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R438	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R439	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R440	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R441	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R442	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R444	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R445	2007-000107	R-CHIP	470Kohm,5%,1/16W,DA,TP,1608	
R446	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R447	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R448	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R449	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R452	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R453	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R454	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R455	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R456	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R457	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R458	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R459	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R460	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R461	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R462	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R463	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R464	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R465	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R466	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R468	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R469	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R470	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R471	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R472	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R473	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R474	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R475	2007-000116	R-CHIP	120ohm,5%,1/16W,DA,TP,1608	
R476	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R478	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R479	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R480	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R481	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R482	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R483	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R484	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R486	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R487	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R488	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R490	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R491	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R492	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R493	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R494	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R495	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R496	2007-001114	R-CHIP	680Kohm,5%,1/16W,DA,TP,1608	
R497	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R498	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R499	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R500	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R501	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R502	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R503	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R504	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R505	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R506	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R507	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R508	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R509	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R510	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R511	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R512	2007-000077	R-CHIP	470ohm,5%,1/16W,DA,TP,1608	
R513	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R514	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R515	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R516	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R517	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R518	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R519	2007-000116	R-CHIP	120ohm,5%,1/16W,DA,TP,1608	
R520	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R523	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R524	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R525	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R526	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R527	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R528	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R533	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R534	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R535	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R537	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R538	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R539	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R540	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R541	2007-000107	R-CHIP	470Kohm,5%,1/16W,DA,TP,1608	
R542	2007-000107	R-CHIP	470Kohm,5%,1/16W,DA,TP,1608	
R543	2007-000097	R-CHIP	47Kohm,5%,1/16W,DA,TP,1608	
R544	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R545	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R546	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R547	2007-000102	R-CHIP	100Kohm,5%,1/16W,DA,TP,1608	
R548	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R549	2007-000113	R-CHIP	33ohm,5%,1/16W,DA,TP,1608	
R550	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R551	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R552	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R553	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R554	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R555	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R556	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R557	2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	
R559	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R560	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R561	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R562	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R563	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R564	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R565	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R566	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R573	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R575	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R576	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R577	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R578	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R579	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R580	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R581	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R582	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R583	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R584	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R585	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R586	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R587	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R588	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R589	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R590	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R591	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R592	2007-000072	R-CHIP	47ohm,5%,1/16W,DA,TP,1608	
R593	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R598	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R609	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R610	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R611	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R612	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R613	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R614	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R615	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R616	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R617	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R618	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R619	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R620	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R621	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R622	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R623	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R624	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R625	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R626	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R627	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R628	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R629	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R630	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R631	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	

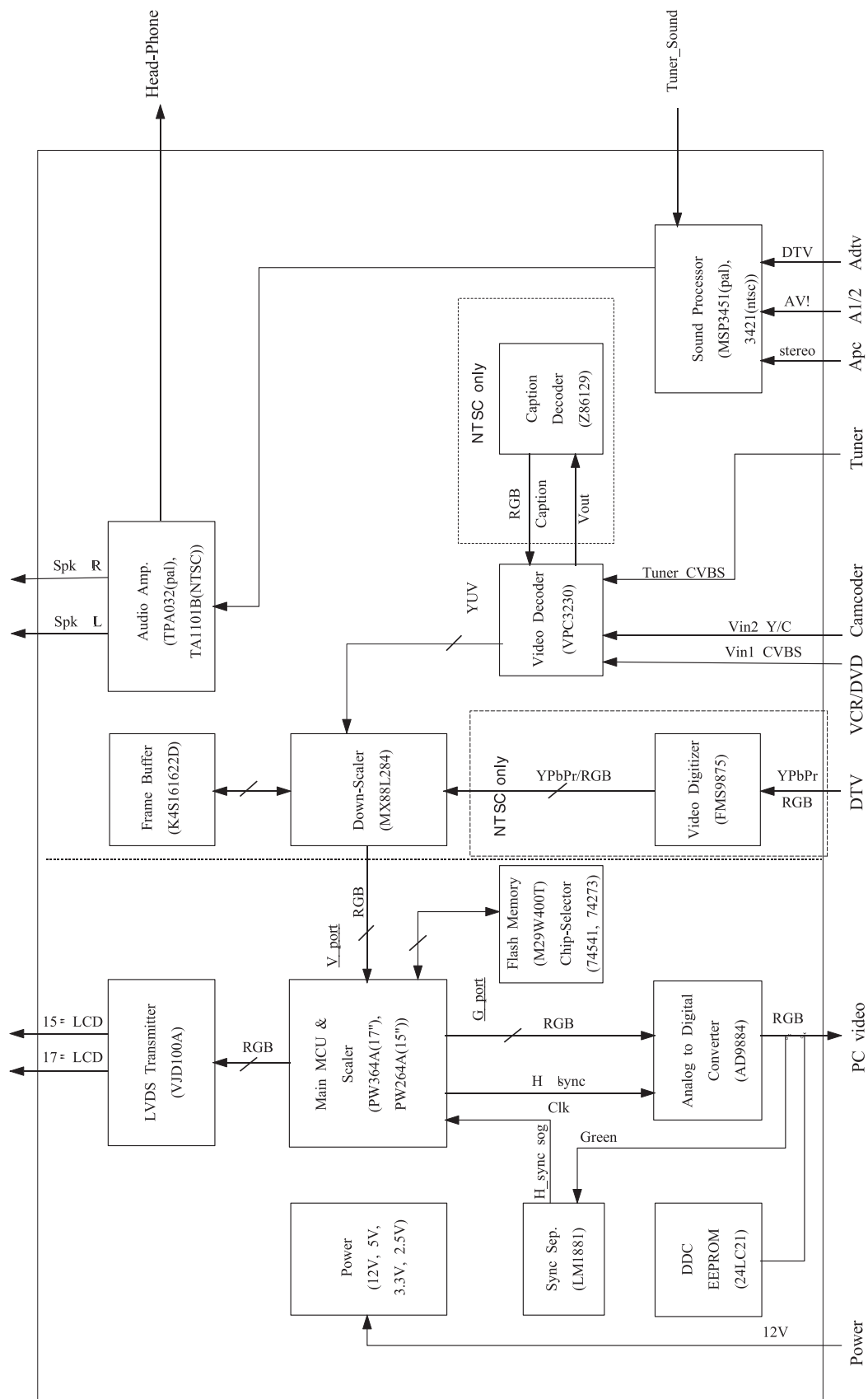
Loc. No.	Code No.	Description	Specification	Remarks
R632	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R633	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R634	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R635	2007-000074	R-CHIP	100ohm,5%,1/16W,DA,TP,1608	
R636	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R637	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R638	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R639	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R640	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R641	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R642	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R643	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R644	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R645	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R646	2007-000518	R-CHIP	2.7KOHM,5%,1/10W,DA,TP,2012	
R647	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,2012	
R649	2007-000093	R-CHIP	20Kohm,5%,1/16W,DA,TP,1608	
R651	2007-000093	R-CHIP	20Kohm,5%,1/16W,DA,TP,1608	
R652	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R653	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R654	2007-000308	R-CHIP	100HM,5%,1/10W,DA,TP,2012	
R655	2007-000308	R-CHIP	100HM,5%,1/10W,DA,TP,2012	
R656	2007-000109	R-CHIP	1Mohm,5%,1/16W,DA,TP,1608	
R657	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R658	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R701	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R702	2007-000090	R-CHIP	10Kohm,5%,1/16W,DA,TP,1608	
R703	2007-000070	R-CHIP	0ohm,5%,1/16W,DA,TP,1608	
R704	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
RA100	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA101	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA102	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA103	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA104	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA105	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA106	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA107	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA108	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA109	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA110	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA111	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA112	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA113	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA114	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA115	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA116	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA117	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	

Loc. No.	Code No.	Description	Specification	Remarks
RA118	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA119	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA120	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA121	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA122	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA123	2011-000002	R-NETWORK	22ohm,5%,63mW,L,CHIP,8P,TP	
RA124	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA125	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA126	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA127	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA128	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
RA129	2011-000585	R-NETWORK	47ohm,5%,63mW,L,CHIP,8P,TP	
X100	2801-003773	CRYSTAL-SMD	12MHZ,30PPM,28-AAN,20PF,500HM,TP	
X101	2801-003843	CRYSTAL-SMD	18.432MHz,30ppm,28-AAN,20pF,50ohm,TP	
X102	2801-003667	CRYSTAL-SMD	14.3182MHZ,50PPM,28-AAN,16,500HM,TP	
X103	2801-004004	CRYSTAL-SMD	20.25MHz,20ppm,28-AAN,13pF,25ohm,TP	
X104	2801-003953	CRYSTAL-SMD	16MHz,30ppm,28-AAN,20pF,50ohm,TP	
ZD100	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD101	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD102	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD103	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD104	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD105	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD106	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD107	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD108	0403-000277	DIODE-ZENER	MMBZ5226B,3.3V,5%,225mW,SOT-23	
ZD109	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD110	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD111	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD112	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD113	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD114	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD115	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD116	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD117	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD118	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD119	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD120	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD121	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD122	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD123	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD124	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD125	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD126	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD127	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD128	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
ZD129	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	

7 Electrical Parts List

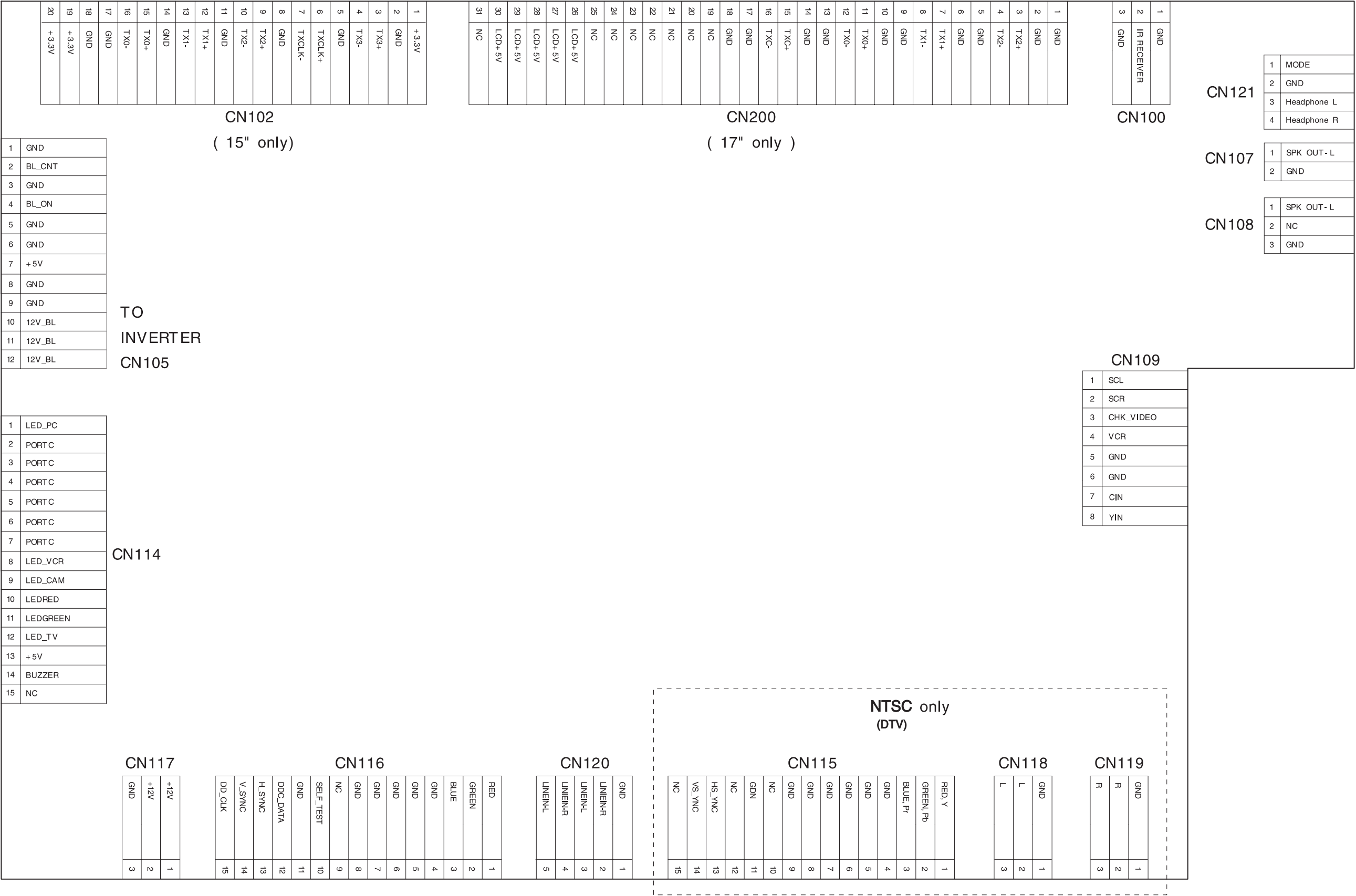
Loc. No.	Code No.	Description	Specification	Remarks
ZD130	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD131	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD201	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

8 Block Diagram



Memo

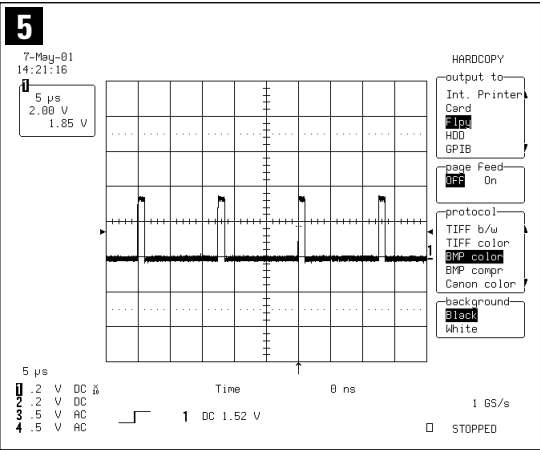
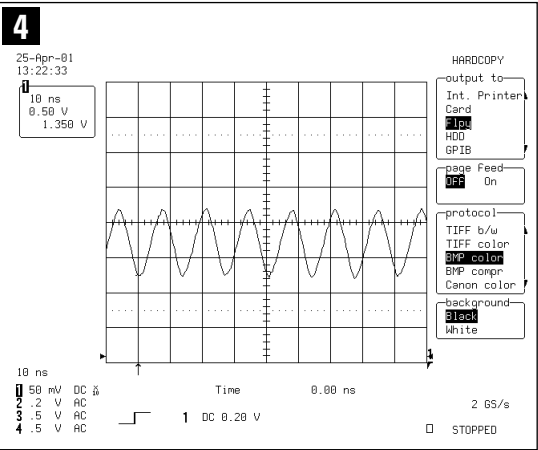
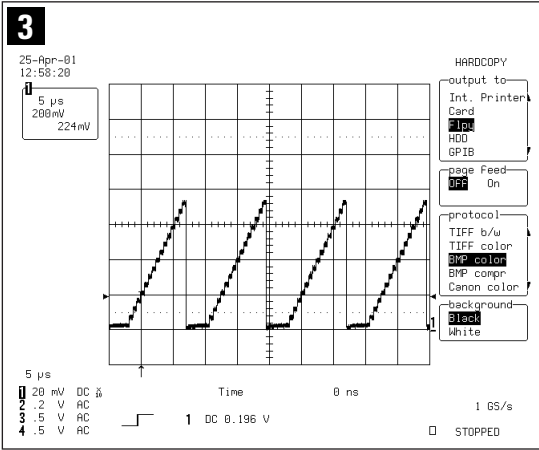
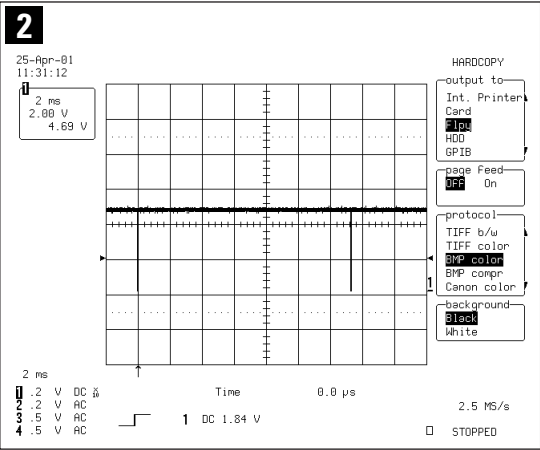
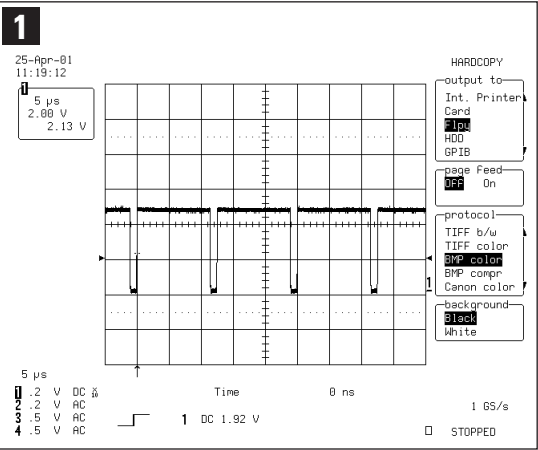
9 Wiring Diagram



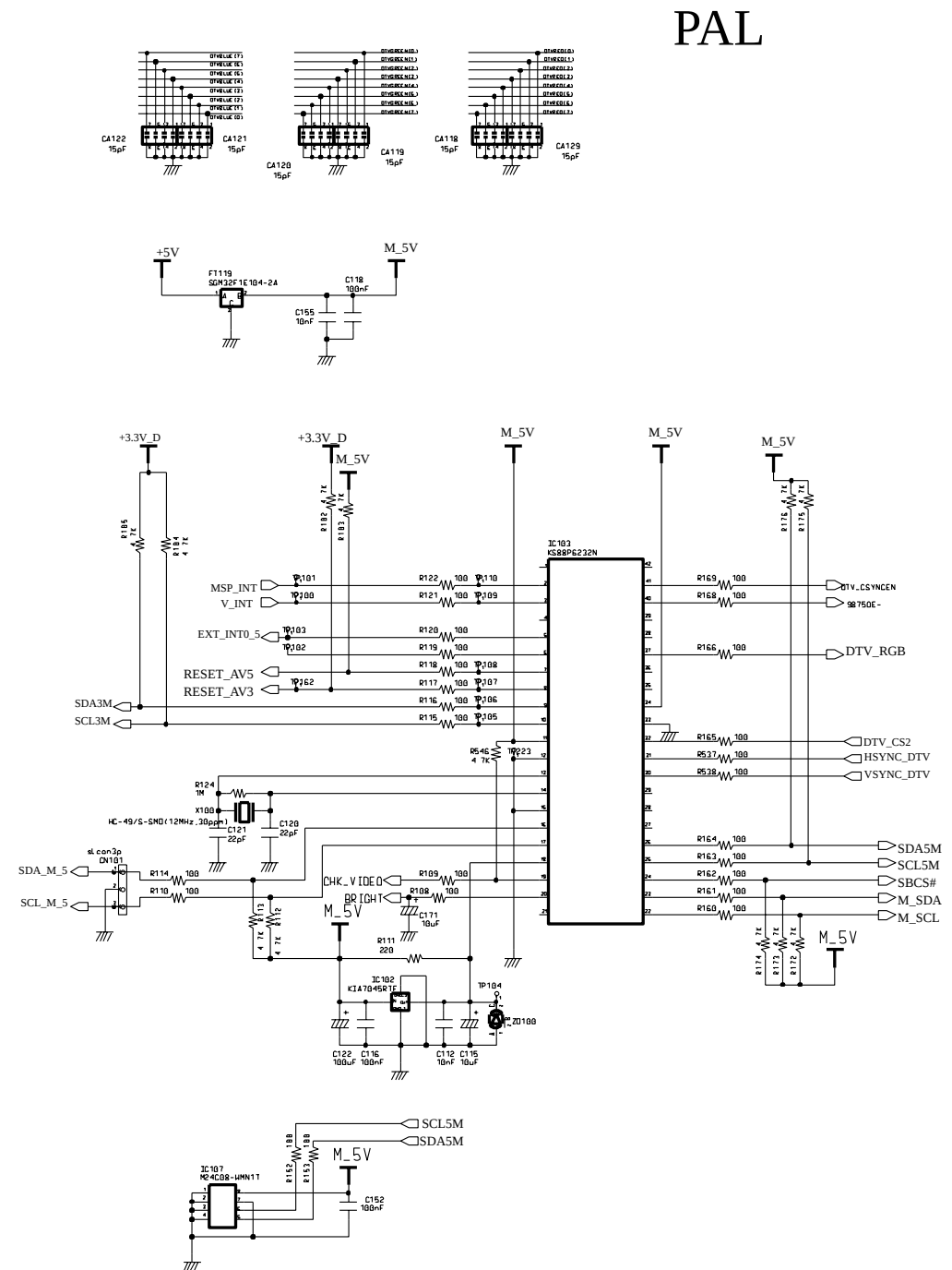
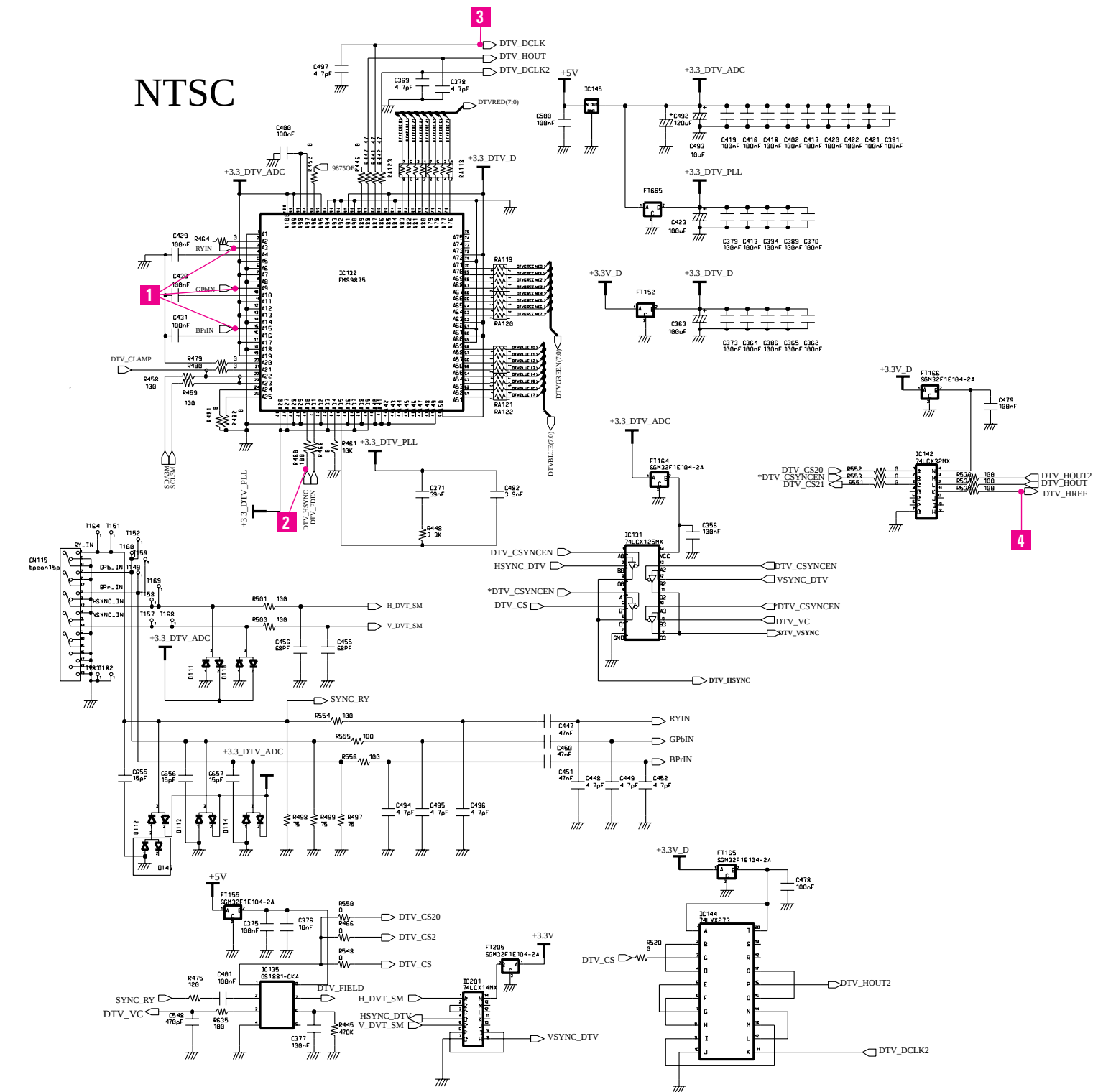
Memo

The schematic diagram illustrates the power and logic sections of a device. The top section shows the power input from a 'POWER JACK' (+12V_IN) through a series of regulators and capacitors to generate +5V_LIVE, +3.3V, and +2.5V rails. The middle section shows logic inputs like MAINPWB, A_MUTE, and PANEL_ON connected to various transistors and logic gates. The bottom section shows a complex logic circuit with multiple logic gates (IC109, IC120, IC140, IC134) and capacitors, connected to various outputs like RED, GREEN, BLUE, and GVS. The diagram is labeled with various component values and pin numbers.

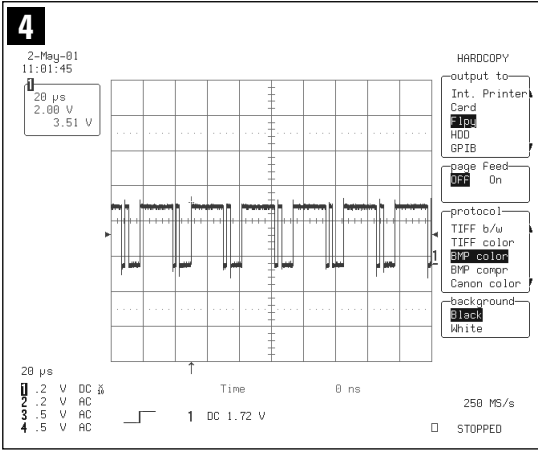
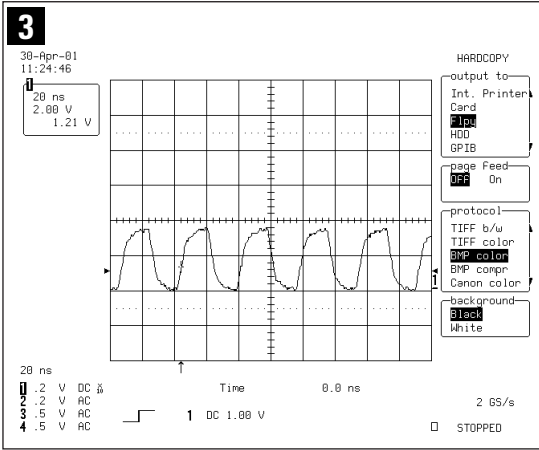
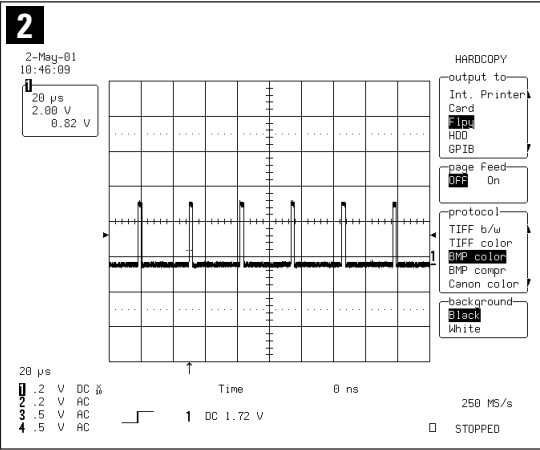
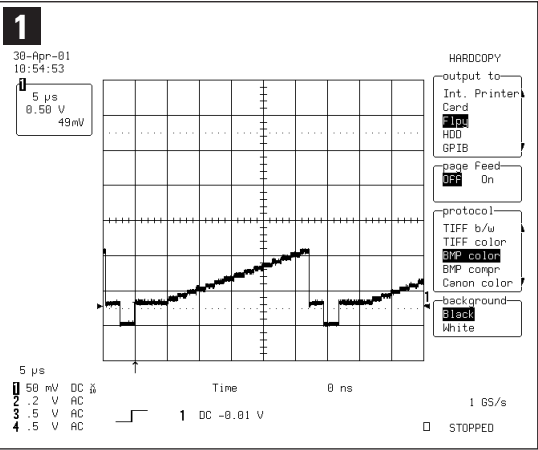
10 Schematic Diagrams



10-2 DTV - ADC / Micom Part Schematic Diagram

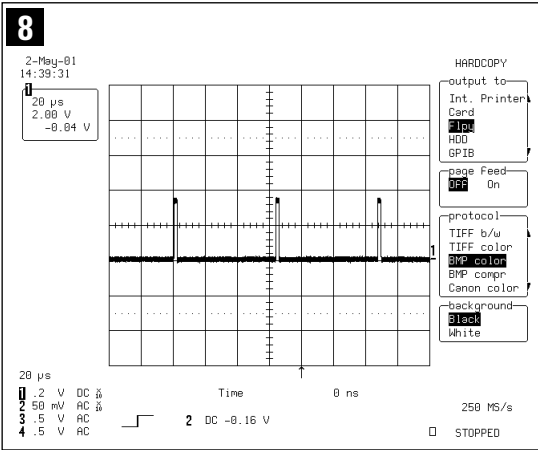
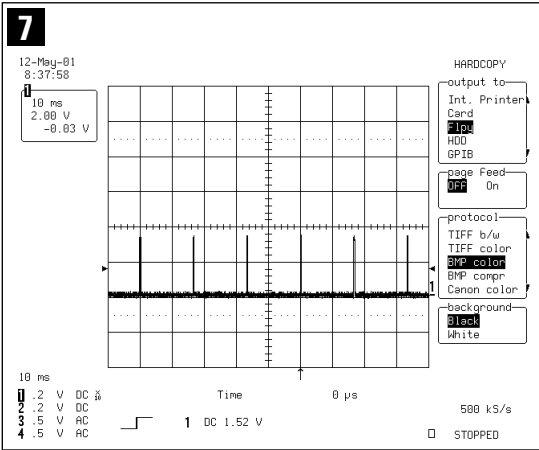
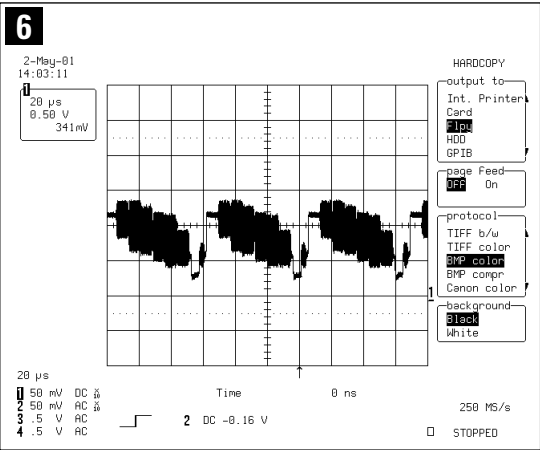
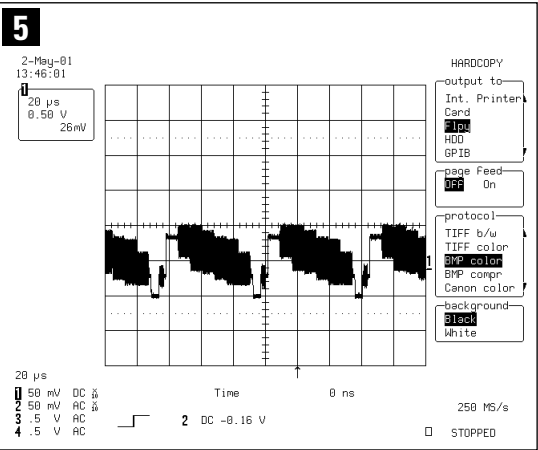
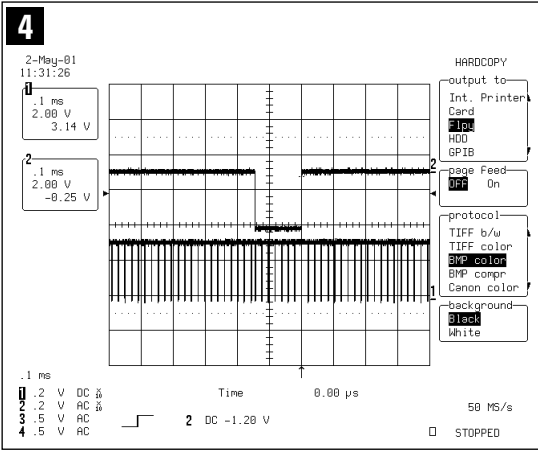
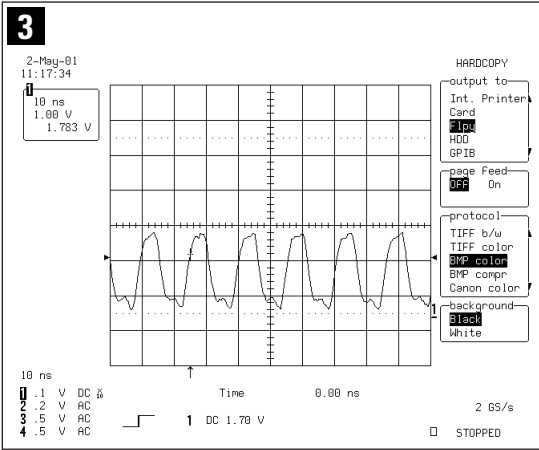
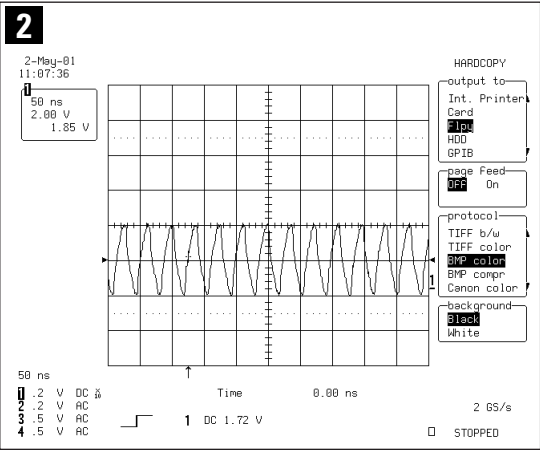
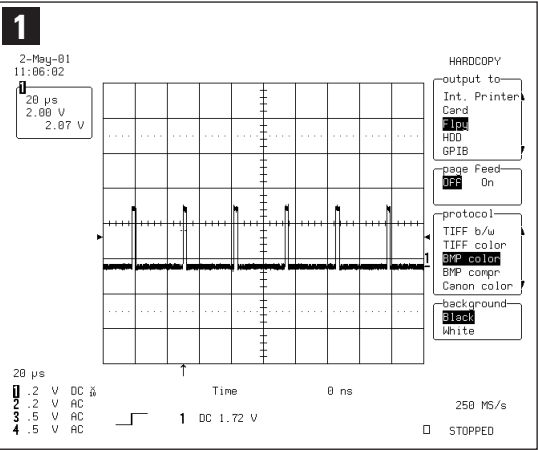


10 Schematic Diagrams

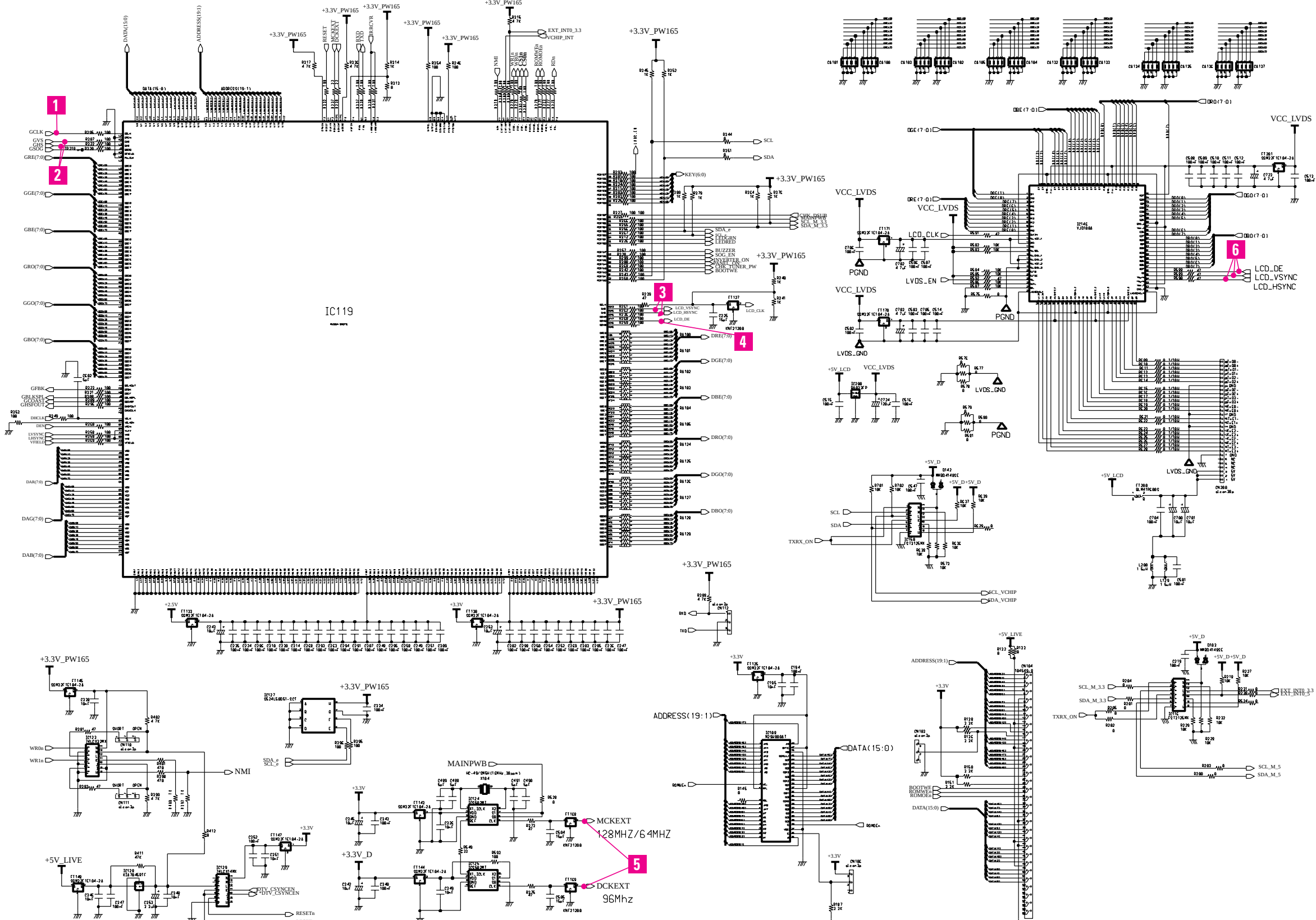




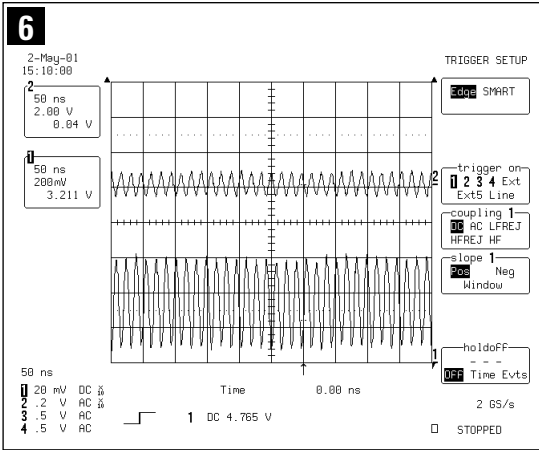
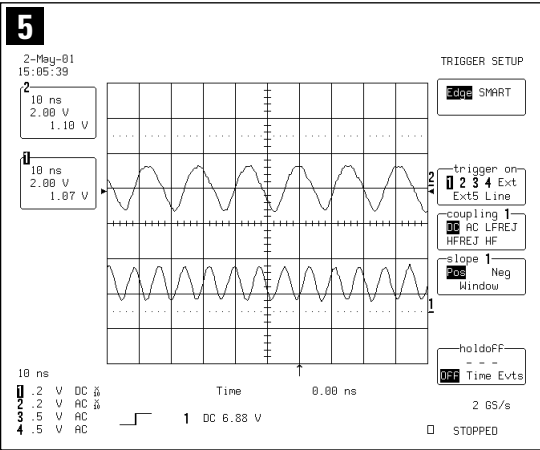
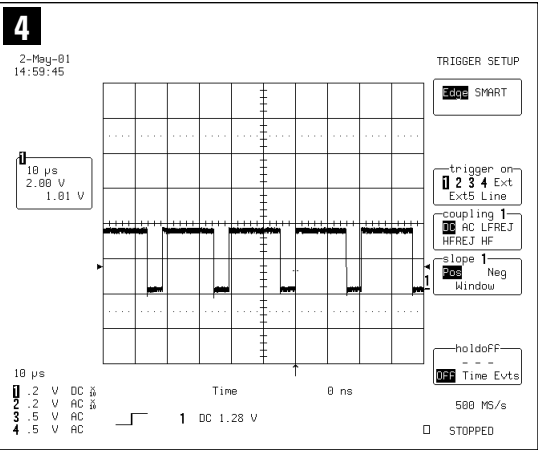
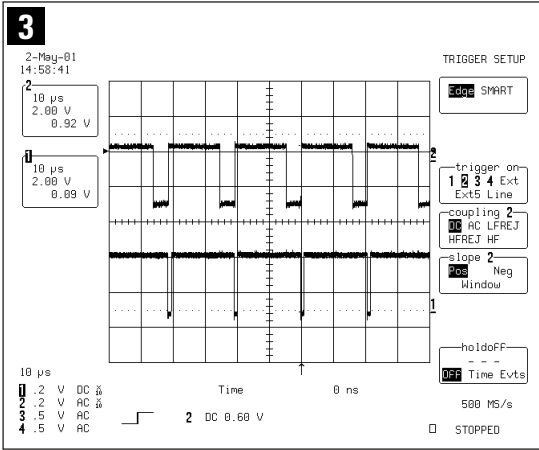
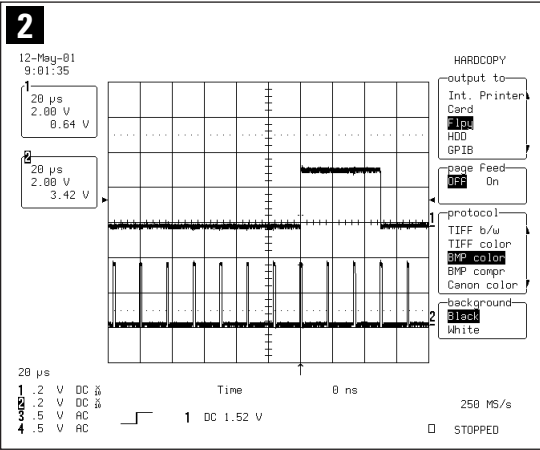
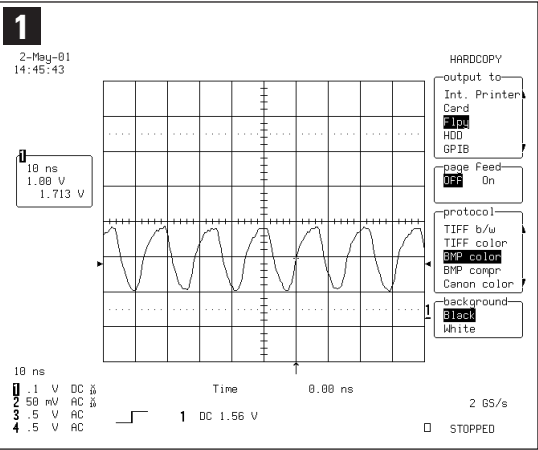
10 Schematic Diagrams



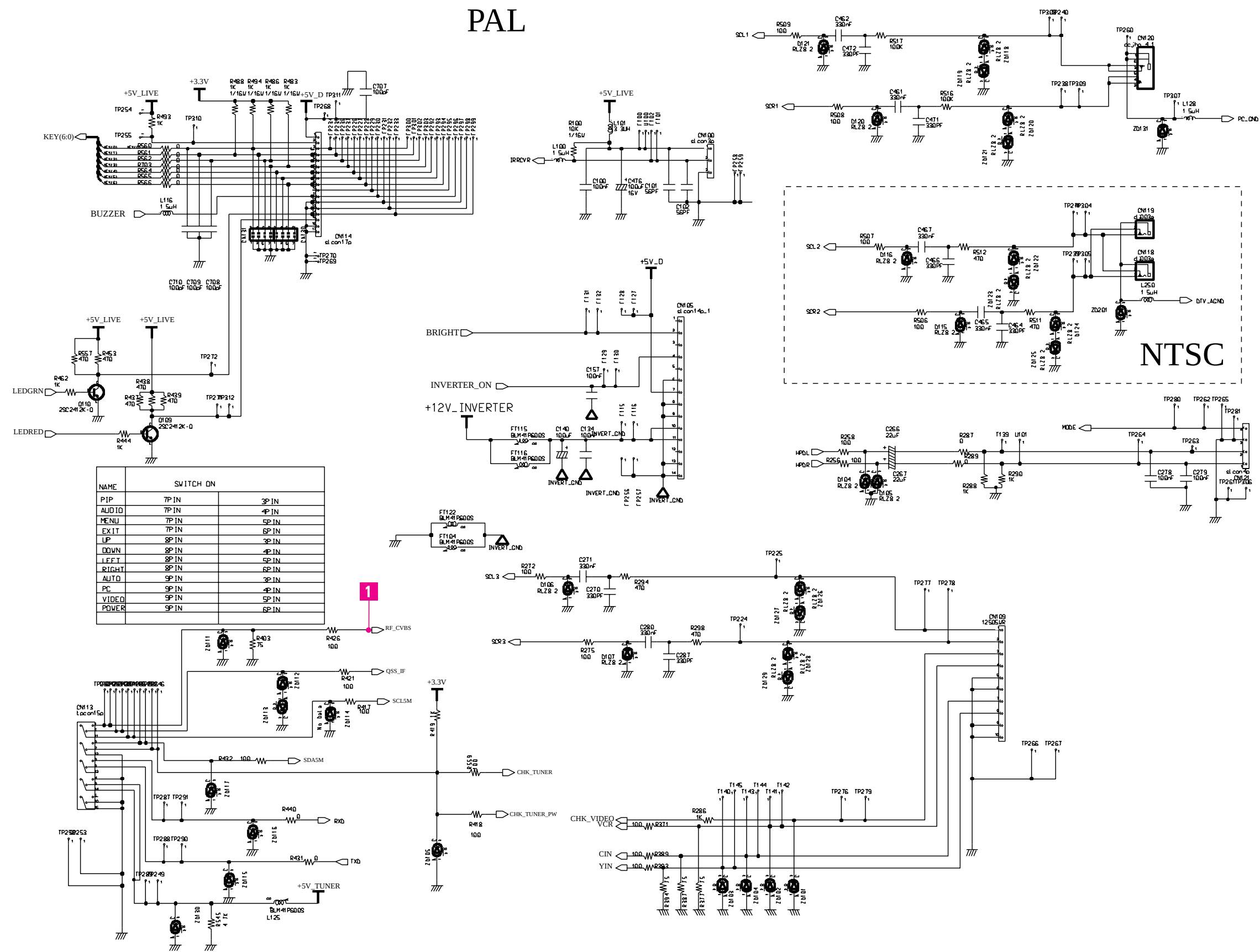
10-4 PW364A Part Schematic Diagram



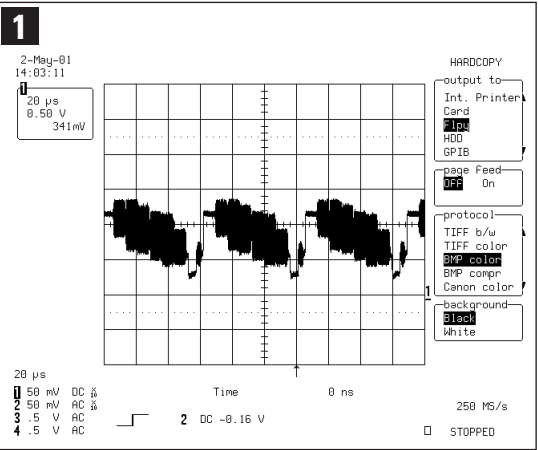
10 Schematic Diagrams



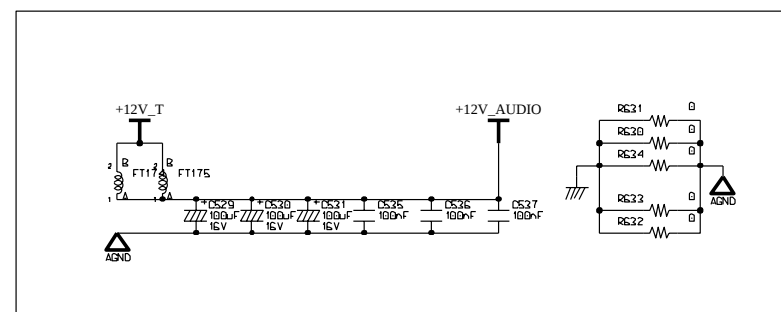
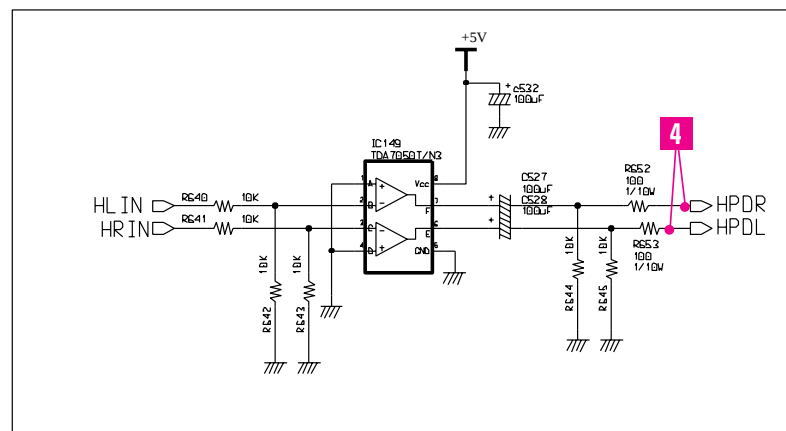
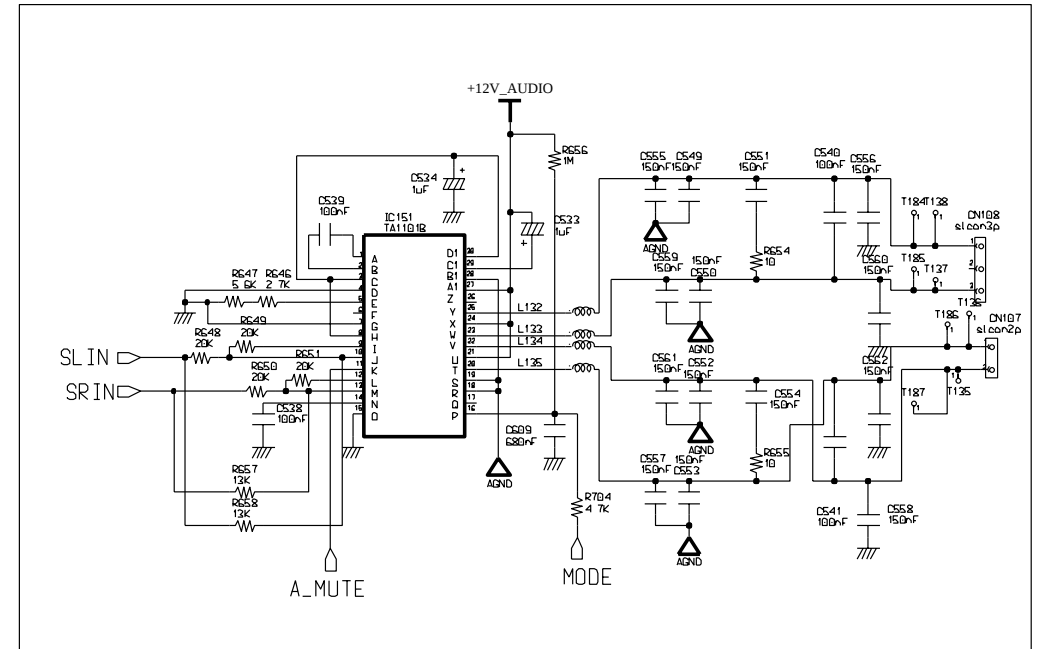
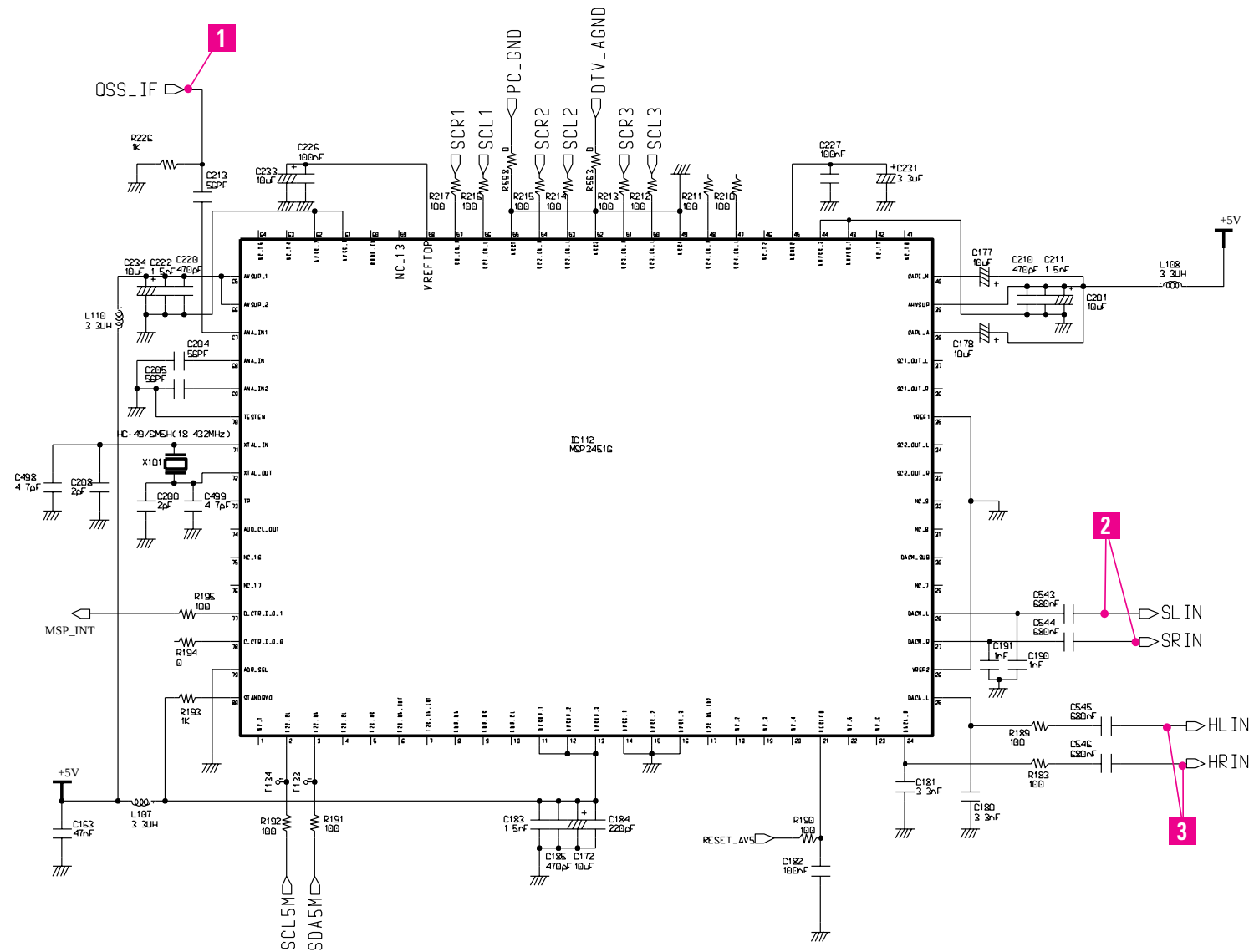
10-5 Peripheral Part Schematic Diagram



10 Schematic Diagrams



10-6 Audio Part Schematic Diagram



10 Schematic Diagrams

