

SERVICE MANUAL

akura

MODEL: CX25 AND CX26

SAME AS

CX-34 / CX-35

MINOKA MK 2183/N
" MK-1498N/N

629

SPECIFICATIONS

AC POWER INPUT.....240V, 50Hz

POWER CONSUMPTION (CX25).....90 WATTS
(CX26).....100 WATTS

TELEVISION RF FREQUENCY RANGE:

UHF BAND.....470-854MHz

INTERMEDIATE FREQUENCY RANGE:

PICTURE IF CARRIER FREQUENCY.....39.50MHz
SOUND IF CARRIER FREQUENCY.....33.50MHz
COLOUR SUB-CARRIER FREQUENCY.....35.07MHz

IMPORTANT SERVICE SAFETY INFORMATION

Operation of receiver outside of cabinet or with back removed involves a shock hazard. Work should only be performed by those who are thoroughly familiar with precautions necessary when working on high voltage equipment.

Exercise care when servicing this chassis with power applied. Many B plus and high voltage terminals are exposed which, if carelessly contacted, can cause serious shock or result in damage to the chassis. Maintain interconnecting ground lead connections between chassis, escutcheon, picture tube dag and tuner cluster when operating chassis.

When it is necessary to make measurements or tests with AC power applied to the receiver chassis, an Isolation Transformer must be used as a safety precaution and to prevent possible damage to transistors. The Isolation Transformer should be connected between the TV line cord plug and the AC power outlet.

Certain HV failures can increase X-ray radiation. Receivers should not be operated with HV levels exceeding the specified rating for their chassis type. The maximum operating HV specified for the chassis used in these receivers is 29kV at zero beam current at nominal line voltage. Higher voltage may also increase possibility of failure in HV supply.

It is important to maintain specified values of all components in the horizontal and high voltage circuits and anywhere else in the receiver that could cause a rise in high voltage or operating supply voltages. No changes should be made to the original design of the receiver.

Components shown with an exclamation mark on the schematic diagram and/or identified by in the replacement parts list should be replaced only with exact factory recommended replacement parts. The use of unauthorized substitute parts may create a shock, fire, X-radiation, or other hazard.

To determine the presence of high voltage, use an accurate high impedance HV meter connected between second anode lead and the CRT dag grounding device. When servicing the High Voltage System remove static charge from it by connecting 10K ohm resistor in series with an insulated wire (such as a test probe) between picture tube dag and 2nd anode lead (AC line cord disconnected from AC supply).

The picture tube used in this receiver employs integral implosion protection. Replace with tube of the same type number for continued safety. Do not lift picture tube by the neck. Handle the picture tube only when wearing shatter-proof goggles and after discharging the high voltage completely.

When removing springs or spring mounting parts from tuner, tuner cluster or chassis, shatter-proof goggles must be worn.

SAFETY INSPECTION

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

PROTECT YOUR CUSTOMER

1. Inspect all lead dresses to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Replace all protective devices such as non-metallic control knobs, insulating material, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, a check for the presence of leakage current should be made at each exposed metal part having a return path to the chassis (antenna, cabinet metal, screw heads, knobs and/or shatts, escutcheon, etc.) in the following manner.

Plug the AC line cord directly into main supply receptacle. (Do not use an Isolation Transformer during these checks.) All checks must be repeated with the AC line cord plug connection reversed.

If available, measure current using an accurate leakage current tester. Any reading of 0.4mA or more is excessive and indicates a potential shock hazard which must be corrected before returning the receiver to the owner.

If a reliable leakage current tester is not available, this alternate method of measurement should be used. Using two clip leads, connect a 1500 ohm, 10 watt resistor paralleled by a 0.15MF capacitor, in series with a known earth ground, such as a water pipe or conduit and the metal part to be checked. Use a VTVM or VOM with 1000 ohms per volt, or higher sensitivity to measure this AC voltage drop across the resistor. Any reading of 0.61 volt RMS or more is excessive and indicates a potential shock hazard which must be corrected before returning the receiver to the owner.

IC AND TRANSISTOR COMPLEMENT (CX25 ONLY)

IC

IC001	TVPO2066	Micro-computer
IC002	NVM3060	EEPROM
IC101	LA7550	IF phase locked loop
IC301	TDA8172	Vertical deflection circuitry
IC401	MC7812	12V regulator
IC601	TDA1013	Audio amplifier
IC701	VCU2133	Video coder-decoder unit
IC702	HC4053	RGB switch
IC703	VSP2860	Deflection processing unit
IC704	TPU2735	Teletext processing unit
IC705	41256	Dynamic RAM
IC801	TDA8380	Switching voltage regulator
IC802	LM358	Power protector

TRANSISTOR

Q001	2N3904	Channel tuning voltage translator buffer
Q002	2SC1815Y	AFT S curve signal buffer
Q003	2SA1015Y	AFT S curve translator
Q004	2SA1015Y	AFT S curve translator
Q006	2SA1015Y	Power up reset
Q007	2SC1815Y	Power up reset
Q101	2SC388A	IF signal amplifier
Q102	2SC388A	IF signal amplifier
Q103	2SC1815Y	Video signal buffer
Q104	2SC1815Y	AFT on/off switch
Q215	2SA1015Y	R buffer
Q216	2SA1015Y	G buffer
Q217	2SA1015Y	B buffer
Q251	2SC1815Y	Video signal buffer
Q401	2SD1555	Horizontal deflection driver
Q402	2SC2482	Horizontal deflection signal amplifier
Q460	2SA1015Y	CRT beam current to voltage converter
Q501	2SC2068	Video amplifier O/P driver
Q502	2SC1815Y	Video amplifier I/P buffer
Q503	2SC2068	Video amplifier O/P driver
Q504	2SC1815Y	Video amplifier I/P buffer
Q505	2SC2068	Video amplifier O/P driver
Q506	2SC1815Y	Video amplifier I/P buffer
Q507	2SA562O	Sub-brightness bias buffer
Q601	2SC1815Y	AV switch
Q602	2SA1015Y	AV switch
Q802	BC368	Standby 5V Regulator
Q803	2SC3852	5V Regulator
Q804	2SC1815Y	Standby/on input buffer
Q805	2SA1015Y	Standby
Q806	BC558	Opto coupler
Q807	BC558	Opto coupler
Q810	2SC1815Y	Power supply protection

IC AND TRANSISTOR COMPLEMENT (CX26 ONLY)

IC

IC001	TVPO2066	Micro-computer
IC002	NVM3060	EEPROM
IC101	LA7550	IF phase locked loop
IC301	TDA8172	Vertical deflection circuitry
IC401	MC7812	12V regulator
IC701	VCU2133	Video coder-decoder unit
IC702	HC4053	RGB switch
IC703	VSP2860	Deflection processing unit
IC704	TPU2735	Teletext processing unit
IC705	41256	Dynamic RAM
IC801	TDA8380	Switching voltage regulator
IC802	LM358	Power protector
IC1001	TDA3857	NICAM IF
IC1002	TDA8732	NIDEM
IC1003	SAAT280	TDSD
IC1004	TDA1543	DAC
IC1005	NE5532	De-em
IC1006	NE5532	De-em
IC1007	4053	Switch
IC1008	LM358	Op amp
IC1009	TDA8425	Audio processor
IC1101	TDA1521	Audio amplifier

TRANSISTOR

Q001	2N3904	Channel tuning voltage translator buffer
Q002	2SC1815Y	AFT S curve signal buffer
Q003	2SA1015Y	AFT S curve translator
Q004	2SA1015Y	S AFT curve translator
Q006	2SA1015Y	Power up reset
Q007	2SC1815Y	Power up reset
Q101	2SC388A	IF signal amplifier
Q102	2SC388A	IF signal amplifier
Q103	2SC1815Y	Video signal buffer
Q104	2SC1815Y	AFT on/off switch
Q215	2SA1015Y	R buffer
Q216	2SA1015Y	G buffer
Q217	2SA1015Y	B buffer
Q251	2SC1815Y	Video signal buffer
Q401	2SD1555	Horizontal deflection driver
Q402	2SC2482	Horizontal deflection signal amplifier
Q460	2SA1015Y	CRT beam current to voltage converter
Q501	2SC2068	Video amplifier O/P driver
Q502	2SC1815Y	Video amplifier I/P buffer
Q503	2SC2068	Video amplifier O/P driver
Q504	2SC1815Y	Video amplifier I/P buffer
Q505	2SC2068	Video amplifier O/P driver
Q506	2SC1815Y	Video amplifier I/P buffer
Q507	2SA562O	Sub-brightness bias buffer
Q802	BC368	Standby 5V regulator
Q803	2SC3852	5V Regulator
Q804	2SC1815Y	Standby/on input switch
Q805	2SA1015Y	Standby
Q806	BC558	Opto coupler
Q807	BC558	Opto coupler
Q810	2SC1815Y	Power supply protection
Q1001	2SC388A	QSS IF signal amplifier
Q1002	2SC1815Y	OSC
Q1003	2SC1815Y	Error detector
Q1004	BC328	Force MONO
Q1005	2SC1815Y	NICAM/MONO switch
Q1006	2SC1815Y	Audio mute

SERVICE ALIGNMENT

TEST EQUIPMENTS

- VIF sweep/marker generator – capable of generating markers at 39.5MHz, 37.285MHz, 35.07MHz and 33.5MHz.
- NICAM sound generator – capable of generating stereo and dual sounds.
- Alignment scope.
- Power supply – a well filtered DC power supply capable of supplying 16V and at least 250 mA.
- SIF sweep/marker generator – capable of generating marker at 6.0MHz.
- PAL pattern generator – capable of generating colour bar, cross hatch with circle, centre cross and dots pattern and 8 steps grey scale.
- Oscilloscope with x 10 or x 100 probe
- Isolation transformer – capable of supplying at least 1KVA.
- Voltage meter

Equipment terminations

The alignment pads provided with the equipment are designed for correct matching of the equipment to the circuits involved. Failure to use proper matching will result in responses which cannot be depended upon as representing the true operation of the receiver.

Signal Overload

Use of excessive signal from the sweep/marker generator can cause overloading of the receiver circuits. To determine that this condition is not present and that the response curve is true, turn the sweep/marker generator output to zero and then gradually increase the output until a response is obtained. Further increase of the sweep output should not change the configuration of the response except in amplitude. If the response changes in configuration, such as flattening at the top or dropping below the base line at the bottom, decrease the sweep output to restore the proper configuration.

The Oscilloscope gain should be run as high as possible to maintain a usable pattern with the peak-to-peak values specified, thus requiring a lower output from the sweep/marker generator and less chance of overload. Insertion of markers from the sweep/marker generator should not cause distortion of the response. The markers should be kept as small as possible and still remain visible.

Receiver Chassis Preparation

All covers and shields should be in their proper place before any alignment procedures or performance checks are attempted.

CAUTION : Remove the AC power plug before making any test equipment connections and the TV set must be powered through an isolation transformer.

THE ALIGNMENTS CAN MAINLY BE DIVIDED INTO TWO PARTS, NAMELY, ANALOG CIRCUITRY ALIGNMENT AND DIGITAL PROCESSING ALIGNMENT.

(A) ANALOG CIRCUITRY ALIGNMENT

VCO ADJUSTMENT

1. Supply 10V DC to pins 13 of IC 101 as shown in figure 1.
2. Connect a 4.7U electrolytic capacitor across pin 20 and pin 7 of IC101.
3. Connect IF sweep/marker generator output to the IF pin of tuner TU101.
4. Connect IF sweep/marker generator horizontal output to alignment scope horizontal input.
5. Connect alignment scope probe to emitter of Q103 through a detector as shown in figure 2.
6. Adjust T104 until the picture marker (39.5MHz) appears and response as shown in figure 3 is obtained.
7. Disconnect the 4.7U electrolytic capacitor that across IC101 pins 20 and 7.

AFT ALIGNMENT

1. Connect IF sweep/marker generator to the IF pin of tuner TU101 as shown in figure 4.
2. Connect IF sweep/marker generator horizontal output to alignment scope horizontal input.
3. Connect alignment scope probe to IC101 pin 16.
4. Adjust T102 for response as shown in figure 5.

SOUND DETECTOR ALIGNMENT

1. Connect SIF sweep/marker generator to junction of R124 and C126 as shown in figure 6.
2. Connect sweep/marker generator horizontal output to alignment scope horizontal input.
3. Connect alignment scope probe to pin 1 of IC101.
4. Adjust T105 for response as shown in figure 7.

RF AGC ALIGNMENT

1. Connect TV channel signal generator to antenna jack.
2. Adjust TV channel signal generator output level to 67dBu (2.24mV) channel 21.
3. Turn RF AGC control VR101 to fully counter clockwise.
4. Turn VR101 clockwise slowly until snow noise just disappears on screen.

FOCUS ALIGNMENT

1. Connect dots pattern TV channel signal generator to antenna jack.
2. Adjust focus control on the horizontal output transformer T401 for maximum overall definition and fine detail with brightness and contrast controls set at normal viewing levels.

VERTICAL CENTRING ALIGNMENT

1. Connect centre-cross pattern TV channel signal generator to antenna jack.
2. At nominal line voltage, adjust vertical centring control VR301 until there is equal amount of overscanning at top and bottom of screen.

NICAM ALIGNMENT (CX26)

1. Connect NICAM generator to the antenna jack.
2. Connect voltage meter to IC1001 Pin 12.
3. Adjust T1001 to obtain 2.6V at IC1001 Pin 12.

(B) DIGITAL PROCESSING ALIGNMENT

Most of the alignments can be made with a remote handset except the cathode current which is potentiometer alignment.

Before alignment can be performed, access to service mode is needed by pressing DISPLAY key on remote handset and S009 button on main chassis simultaneously. "SERV" will be displayed on screen to indicate that the TV is now in service mode.

THE REMOTE HANDSET CONTROL KEYS WHICH ARE USED IN ALIGNMENT ARE:

1. "PROG +" AND "PROG -" – The functions to be aligned are accessed one at a time. These two keys are to forward and backward step in sequence. The accessed function is displayed on screen together with figure indicating the relative alignment value.
2. "VOL +" and "VOL -" – To increase and decrease alignment value.
3. "P – –" – To store the current alignment value in memory. Storage is necessary before proceeding to the next alignment. Otherwise, the adjusted value will be lost and previous value will remain in memory.
4. "TV/TEXT" – To exit service mode and reset to TV mode.

The alignments which are required for this TV set are listed below in software-defined sequence. When the functions are accessed by the 'PROG +/-' keys, there are some functions displayed on screen which are not in the list below, Alignment of these functions are not required and changing the alignment values have no effect at all.

1. Horizontal position.(HOR PO)
2. Blanking phase.(BL PHA)
3. Vertical amplitude.(VER AM)
4. Vertical S-Correction.(S. CORR)
5. Vertical symmetry.(VER SM)
6. Chroma/Luma Shift.(CHR LU)
7. Colour burst VCO.(VCO AD)
8. Red cut off.(CUT R)
9. Green cut off.(CUT C)
10. Blue cut off.(CUT B)
11. Red drive.(DRIV R)
12. Green drive.(DRIV C)
13. Blue drive.(DRIV B)

BLANKING PHASE AND HORIZONTAL POSITION ALIGNMENT.

1. Connect centre cross TV channel signal generator to antenna jack.
2. Access the horizontal position function by PROG +/- key on remote handset.
3. Adjust the picture to full right by VOL +/- key.
4. Access the blanking function by PROG + key.
5. Adjust the blanking pulse position just enters the picture edge by VOL +/- key.
6. Press P – – to memorize the blanking pulse position.
7. Access to the horizontal position again by PROG - key.
8. Adjust horizontal symmetrical position of the picture on screen by VOL +/- key.
9. Press P – – once.

VERTICAL AMPLITUDE ALIGNMENT

1. Connect centre cross TV channel signal generator to antenna jack.
2. Access the vertical amplitude function with PROG +/- key on remote handset.
3. Adjust the vertical size with VOL +/- key so that the top and bottom borders just disappears.
4. Press P – – once.

VERTICAL S-CORRECTION ALIGNMENT

1. Connect cross hatch with circle TV channel signal generator to antenna jack.
2. Access the vertical S-Correction function with PROG +/- key on remote handset.
3. Adjust the linearity of the picture by VOL +/- key so that the height of each square is more or less the same.
4. Press P -- once.

VERTICAL SYMMETRY ALIGNMENT

8. Achieve the light level white balance by adjusting the three drives.

9. After white balance is achieved, store the three drive levels into memory by pressing P -- once.

NOTE: For white balance alignment without changing picture tube, it is always easier to start the white balance alignment with the original settings. If a new tube is installed, it will be easier to start with 128₁₀ at white drive addresses 00H, 01H, 02H and at cutoff addresses 03H, 04H, 05H.

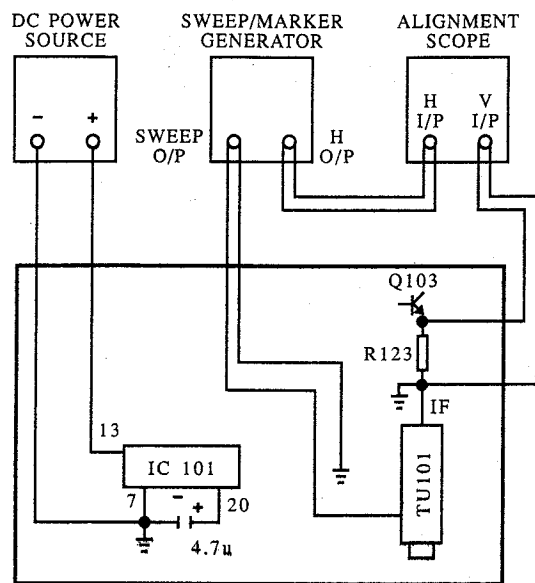


FIG 1 MAIN CHASSIS

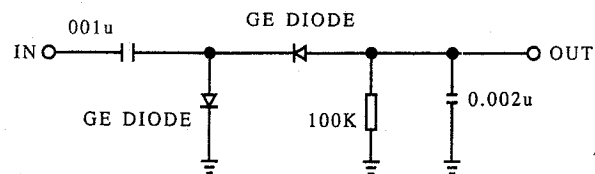


FIG 2

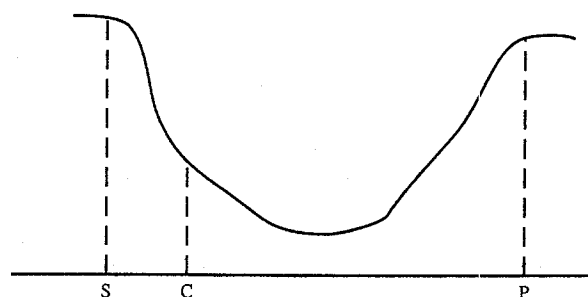


FIG 3

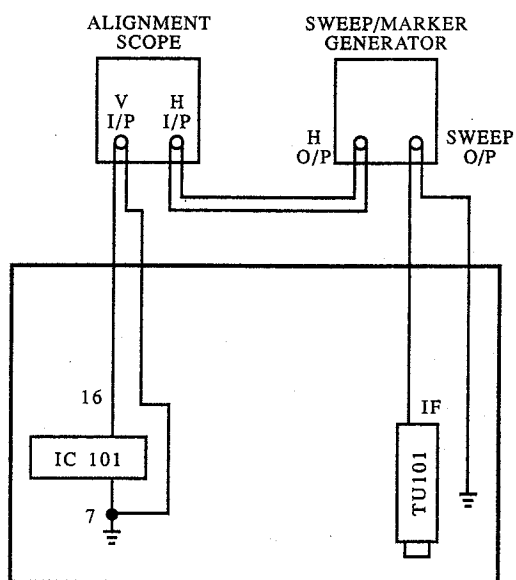


FIG 4 MAIN CHASSIS

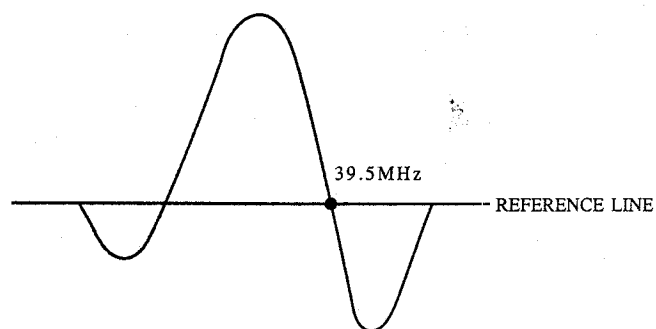


FIG 5

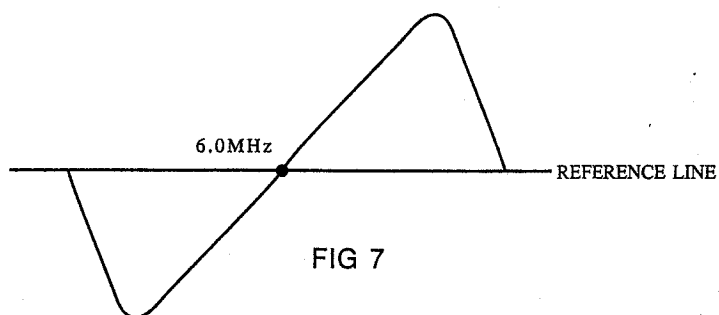


FIG 7

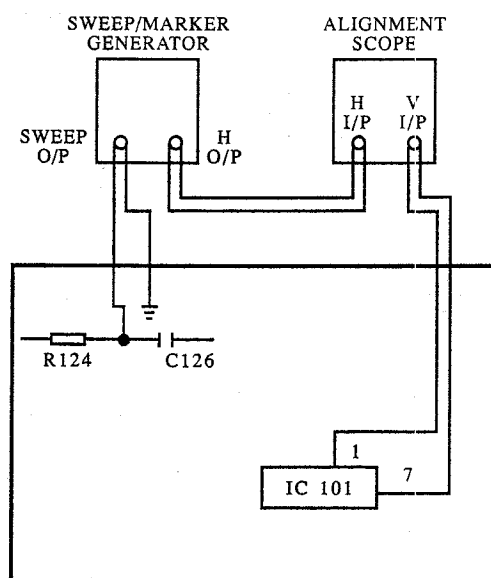


FIG 6 MAIN CHASSIS

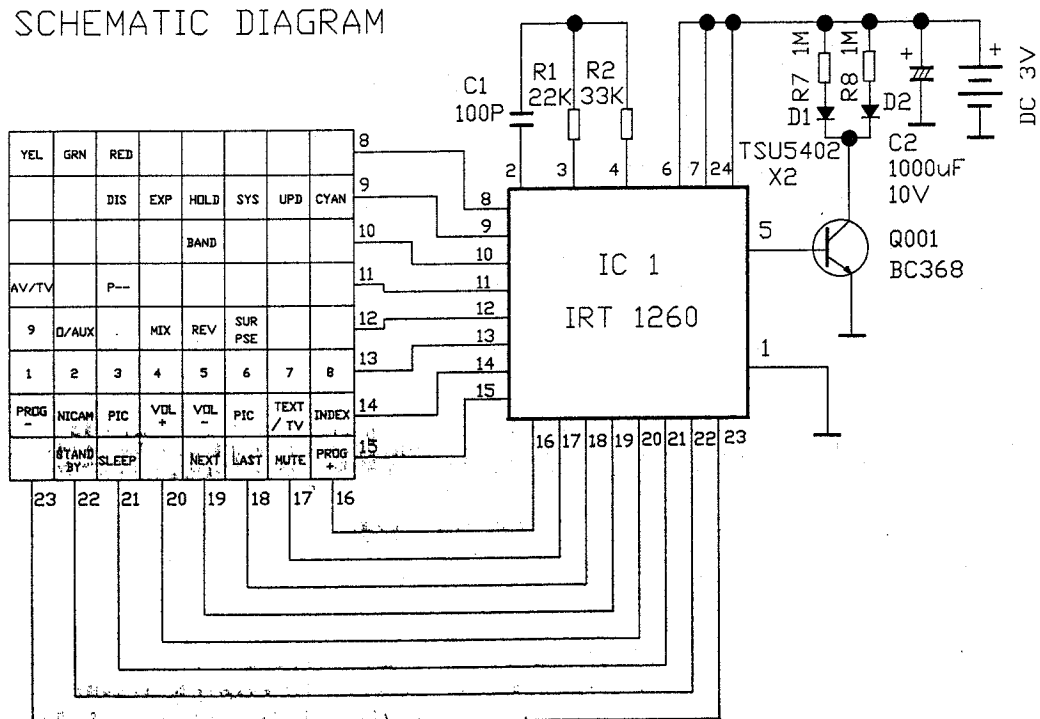
SCHEMATIC		
NO.	PART #	DESCRIPTION
03-2033DU-UKO PAL I UK		
TU101	08-237611-001	ASS'Y - MAIN BD
TU101	07-ET6100-IEC	TUNER - ET-61 IEC
TU101	07-00000E-T6I	TUNER - ET-6I
TU101	07-ET61A0-IEC	TUNER - ET-61A IEC
D800	10-BV406M-H71	DIODE - RBV406M (BRIDGE RECT.)
D801	10-BYV96D-E01	DIODE BYV96D
D605	10-HZ9LA3-DB1	DIODE ZENER 8.1V-8.5V 1/2W
D007	10-PC574J-DJ1	DIODE ZENER UPC 574J
D402	10-S5295G-EB1	DIODE S5295G (FAST RECOVERY)
D405	10-S5295G-EB1	DIODE S5295G (FAST RECOVERY)
D403	10-S5295G-EB1	DIODE S5295G (FAST RECOVERY)
D404	10-S5295G-EB1	DIODE S5295G (FAST RECOVERY)
D807	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D806	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D802	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D803	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D250	10-0HZ5C2-DB1	DIODE ZENER 5.0V-5.2V 1/2W
D813	10-0HZ5C2-DB1	DIODE ZENER 5.0V-5.2V 1/2W
D811	10-0HZ5C2-DB1	DIODE ZENER 5.0V-5.2V 1/2W
D812	10-0HZ5C2-DB1	DIODE ZENER 5.0V-5.2V 1/2W
D805	10-0RU3AM-E01	DIODE RU3AM
D809	10-00RK43-E01	DIODE RK43
D301	10-1N4001-EB1	DIODE 1N4001 (RECTIFIER)
D030	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D804	10-1N4733-DB1	DIODE ZENER 5.1V 1W 5%
D020	10-79C6V8-DB1	DIODE ZENER 6.8V 1/2W 5%
D021	10-79C6V8-DB1	DIODE ZENER 6.8V 1/2W 5%
D022	10-79C6V8-DB1	DIODE ZENER 6.8V 1/2W 5%
Q801	11-BUT11A-FA1	TRANSISTOR BUT11AF
Q460	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q006	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q003	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q004	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q215	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q216	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q217	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q602	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q810	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q005	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q804	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q805	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q007	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q002	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q104	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q103	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q251	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q601	11-SC1815-YB1	TRANSISTOR 2SC1815Y
Q402	11-SC2482-OB1	TRANSISTOR 2SC2482
Q803	11-SC3852-OA1	TRANSISTOR 2SC3852
Q101	11-SC388A-MB1	TRANSISTOR 2SC388-ATM
Q102	11-SC388A-MB1	TRANSISTOR 2SC388-ATM
Q401	11-SD1555-OA1	TRANSISTOR 2SD1555
Q806	11-0BC558-OA1	TRANSISTOR BC558
Q807	11-0BC558-OA1	TRANSISTOR BC558
Q001	11-2N3904-OA1	TRANSISTOR 2N3904
IC601	13-TDA101-3CS	IC TDA1013C AUDIO AMP
IC001	13-TVPO20-66P	IC TVPO2066-D05
IC002	13-0NVM30-60P	IC NVM3060 EPROM
IC301	13-0TDA81-72P	IC TDA8172 VERT O/P
IC801	13-0TDA83-80P	IC TDA8380 SMPS
IC101	13-00LA75-50P	IC LA7550
IC802	13-00LM35-8NP	IC LM358N
IC401	13-00MC78-12S	IC MC7812 (REGULATOR)
D031	14-140482-LR2	LED SLH56UR3F
IC803	15-00CNX8-2AC	PHOTO COUPLER CNX82A
R801	18-BE0105-JB1	RES. C.C. 1M OHM 1/2W +/-5%
R825	18-BE0825-KB1	RES. C.C. 8.2M OHM 1/2W +/-10%
R101	18-CB0101-JN1	RES. C.F. 100 OHM 1/6W +/-5%
R121	18-CB0101-JN1	RES. C.F. 100 OHM 1/6W +/-5%
R040	18-CB0101-JN1	RES. C.F. 100 OHM 1/6W +/-5%
R124	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R015	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R017	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R254	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R829	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%

SCHEMATIC		
NO.	PART #	DESCRIPTION
R235	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R220	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R615	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R616	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R012	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W +/-5%
R642	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R131	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R048	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R044	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R045	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R018	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R462	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R011	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R006	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R308	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R835	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R047	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W +/-5%
R112	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W +/-5%
R115	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W +/-5%
R013	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W +/-5%
R117	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W +/-5%
R119	18-CB0105-JN1	RES. C.F. 1M OHM 1/6W +/-5%
R305	18-CB0109-JN1	RES. C.F. 1 OHM 1/6W +/-5%
R122	18-CB0122-JN1	RES. C.F. 1.2K OHM 1/6W +/-5%
R108	18-CB0122-JN1	RES. C.F. 1.2K OHM 1/6W +/-5%
R003	18-CB0123-JN1	RES. C.F. 12K OHM 1/6W +/-5%
R316	18-CB0123-JN1	RES. C.F. 12K OHM 1/6W +/-5%
R116	18-CB0124-JN1	RES. C.F. 120K OHM 1/6W +/-5%
R830	18-CB0151-JN1	RES. C.F. 150 OHM 1/6W +/-5%
R125	18-CB0152-JN1	RES. C.F. 1.5K OHM 1/6W +/-5%
R004	18-CB0153-JN1	RES. C.F. 15K OHM 1/6W +/-5%
R304	18-CB0183-JN1	RES. C.F. 18K OHM 1/6W +/-5%
R129	18-CB0184-JN1	RES. C.F. 180K OHM 1/6W +/-5%
R031	18-CB0221-JN1	RES. C.F. 220 OHM 1/6W +/-5%
R102	18-CB0221-JN1	RES. C.F. 220 OHM 1/6W +/-5%
R613	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R010	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R212	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R213	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R214	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R215	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R216	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R217	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R607	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R608	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R606	18-CB0222-JN1	RES. C.F. 2.2K OHM 1/6W +/-5%
R837	18-CB0223-JN1	RES. C.F. 22K OHM 1/6W +/-5%
R834	18-CB0223-JN1	RES. C.F. 22K OHM 1/6W +/-5%
R118	18-CB0224-JN1	RES. C.F. 220K OHM 1/6W +/-5%
R612	18-CB0224-JN1	RES. C.F. 220K OHM 1/6W +/-5%
R603	18-CB0224-JN1	RES. C.F. 220K OHM 1/6W +/-5%
R461	18-CB0242-JN1	RES. C.F. 2.4K OHM 1/6W +/-5%
R049	18-CB0273-JN1	RES. C.F. 27K OHM 1/6W +/-5%
R128	18-CB0302-JN1	RES. C.F. 3K OHM 1/6W +/-5%
R408	18-CB0330-JN1	RES. C.F. 33 OHM 1/6W +/-5%
R106	18-CB0331-JN1	RES. C.F. 330 OHM 1/6W +/-5%
R120	18-CB0331-JN1	RES. C.F. 330 OHM 1/6W +/-5%
R005	18-CB0333-JN1	RES. C.F. 33K OHM 1/6W +/-5%
R315	18-CB0362-JN1	RES. C.F. 3.6K OHM 1/6W +/-5%
R110	18-CB0391-JN1	RES. C.F. 390 OHM 1/6W +/-5%
R014	18-CB0393-JN1	RES. C.F. 39K OHM 1/6W +/-5%
R019	18-CB0393-JN1	RES. C.F. 39K OHM 1/6W +/-5%
R105	18-CB0470-JN1	RES. C.F. 47 OHM 1/6W +/-5%
R041	18-CB0471-JN1	RES. C.F. 470 OHM 1/6W +/-5%
R042	18-CB0471-JN1	RES. C.F. 470 OHM 1/6W +/-5%
R123	18-CB0471-JN1	RES. C.F. 470 OHM 1/6W +/-5%
R043	18-CB0471-JN1	RES. C.F. 470 OHM 1/6W +/-5%
R132	18-CB0472-JN1	RES. C.F. 4.7K OHM 1/6W +/-5%
R007	18-CB0472-JN1	RES. C.F. 4.7K OHM 1/6W +/-5%
R641	18-CB0472-JN1	RES. C.F. 4.7K OHM 1/6W +/-5%
R020	18-CB0472-JN1	RES. C.F. 4.7K OHM 1/6W +/-5%
R021	18-CB0472-JN1	RES. C.F. 4.7K OHM 1/6W +/-5%
R139	18-CB0472-JN1	RES. C.F. 4.7K OHM 1/6W +/-5%
R838	18-CB0473-JN1	RES. C.F. 47K OHM 1/6W +/-5%
R836	18-CB0473-JN1	RES. C.F. 47K OHM 1/6W +/-5%
R114	18-CB0473-JN1	RES. C.F. 47K OHM 1/6W +/-5%
R113	18-CB0473-JN1	RES. C.F. 47K OHM 1/6W +/-5%

SCHEMATIC		
NO.	PART #	DESCRIPTION
R030	18-CB0473-JN1	RES. C.F. 47K OHM 1/6W +/-5%
R111	18-CB0473-JN1	RES. C.F. 47K OHM 1/6W +/-5%
R022	18-CB0512-JN1	RES. C.F. 5.1K OHM 1/6W +/-5%
R127	18-CB0561-JN1	RES. C.F. 560 OHM 1/6W +/-5%
R104	18-CB0562-JN1	RES. C.F. 5.6K OHM 1/6W +/-5%
R126	18-CB0562-JN1	RES. C.F. 5.6K OHM 1/6W +/-5%
R219	18-CB0681-JN1	RES. C.F. 680 OHM 1/6W +/-5%
R306	18-CB0682-JN1	RES. C.F. 6.8K OHM 1/6W +/-5%
R050	18-CB0683-JN1	RES. C.F. 68K OHM 1/6W +/-5%
R250	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R221	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R222	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R223	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R224	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R617	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R618	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R253	18-CB0820-JN1	RES. C.F. 82 OHM 1/6W +/-5%
R303	18-CB0822-JN1	RES. C.F. 8.2K OHM 1/6W +/-5%
R109	18-CB0822-JN1	RES. C.F. 8.2K OHM 1/6W +/-5%
R610	18-CB0823-JN1	RES. C.F. 82K OHM 1/6W +/-5%
R614	18-CB0823-JN1	RES. C.F. 82K OHM 1/6W +/-5%
R850	18-CB0912-JN1	RES. C.F. 9.1K OHM 1/6W +/-5%
R844	18-CD0104-GD1	RES. C.F. 100K OHM 1/4W +/-2%
R309	18-CD0152-JD1	RES. C.F. 1.5K OHM 1/4W +/-5%
R833	18-CD0152-JD1	RES. C.F. 1.5K OHM 1/4W +/-5%
R312	18-CD0221-JD1	RES. C.F. 220 OHM 1/4W +/-5%
R831	18-CD0222-JD1	RES. C.F. 2.2K OHM 1/4W +/-5%
R807	18-CD0273-JD1	RES. C.F. 27K OHM 1/4W +/-5%
R302	18-CD0331-JD1	RES. C.F. 330 OHM 1/4W +/-5%
R843	18-CD0471-JD1	RES. C.F. 470 OHM 1/4W +/-5%
R841	18-CD0471-JD1	RES. C.F. 470 OHM 1/4W +/-5%
R311	18-CD0471-JD1	RES. C.F. 470 OHM 1/4W +/-5%
R816	18-CD0473-JD1	RES. C.F. 47K OHM 1/4W +/-5%
R411	18-CD0683-JB1	RES. C.F. 68K OHM 1/4W +/-5%
R845	18-CD0822-JD1	RES. C.F. 8.2K OHM 1/4W +/-5%
R817	18-CD0823-JD1	RES. C.F. 82K OHM 1/4W +/-5%
R842	18-CE0473-JB1	RES. C.F. 47K OHM 1/2W +/-5%
R840	18-CE0473-JB1	RES. C.F. 47K OHM 1/2W +/-5%
R808	18-CE0512-JB1	RES. C.F. 5.1K OHM 1/2W +/-5%
R818	18-DE0912-GX1	RES. M.F. 9.1K OHM 1/2W +/-2%
R403	18-DF0109-JG1	RES. M.F. 1 OHM 1W +/-5%
R307	18-DF0109-JG1	RES. M.F. 1 OHM 1W +/-5%
R410	18-EF0109-JG1	RES. FUS 1 OHM 1W +/-5%
R412	18-EF0109-JG1	RES. FUS 1 OHM 1W +/-5%
R417	18-EF0109-JG1	RES. FUS 1 OHM 1W +/-5%
R415	18-FE0103-JX1	RES. M.O. 10K OHM 1/2W +/-5%
R811	18-FE0103-JX1	RES. M.O. 10K OHM 1/2W +/-5%
R810	18-FE0122-JX1	RES. M.O. 1.2K OHM 1/2W +/-5%
R822	18-FE0122-JX1	RES. M.O. 1.2K OHM 1/2W +/-5%
R405	18-FE0181-JX1	RES. M.O. 180 OHM 1/2W +/-5%
R406	18-FE0221-JG1	RES. M.O. 220 OHM 1/2W +/-5%
R002	18-FE0272-JG1	RES. M.O. 2.7K OHM 1/2W +/-5%
R409	18-FE0272-JG1	RES. M.O. 2.7K OHM 1/2W +/-5%
R814	18-FE0561-JX1	RES. M.O. 560 OHM 1/2W +/-5%
R813	18-FE0622-JX1	RES. M.O. 6.2K OHM 1/2W +/-5%
R301	18-FF0100-JG1	RES. M.O. 1 OHM 1W +/-5%
R401	18-FF0102-JB1	RES. M.O. 1K OHM 1W +/-5%
R823	18-FF0228-JG1	RES. M.O. 0.22 OHM 1W +/-5%
R604	18-FF0229-JG1	RES. M.O. 2.2 OHM 1W +/-5%
R827	18-FF0330-JB1	RES. M.O. 33 OHM 1W +/-5%
R812	18-FF0331-JG1	RES. M.O. 330 OHM 1W +/-5%
R832	18-FF0338-JB1	RES. M.O. 0.33 OHM 1W +/-5%
R806	18-FF0479-JG1	RES. M.O. 4.7 OHM 1W +/-5%
R804	18-FG0153-JH1	RES. M.O. 15K OHM 2W +/-5%
R805	18-FG0153-JH1	RES. M.O. 15K OHM 2W +/-5%
R826	18-FG0183-JH1	RES. M.O. 18K OHM 2W +/-5%
R821	18-FG0390-JH1	RES. M.O. 39 OHM 2W +/-5%
R404	18-FG0472-JH1	RES. M.O. 4.7K OHM 2W +/-5%
R407	18-FH0242-JI1	RES. M.O. 2.4K OHM 3W +/-5%
R803	18-FL0162-JL1	RES. M.O. 1.6K OHM 10W +/-5%
R802	18-GM0339-KT1	RES. CEMENT 3.3 OHM 7W +/-10%
VR301	20-141631-502	TRIMMER B5K VERT TYPE
VR802	20-202990-502	TRIMMER B5K HORIZ TYPE
VR101	20-215450-103	TRIMMER B10K HORIZ TYPE
RT801	22-202BG3-602	POSISTOR PTH451C202BG360N270
C855	25-BBA471-M11	CAP. ELEC 470 UF 10V +/-20%
C841	25-BBF222-M11	CAP. ELEC 2200 UF 10V +/-20%

SCHEMATIC		
NO.	PART #	DESCRIPTION
C111	25-BCA221-M11	CAP. ELEC 220 UF 16V +/-20%
C418	25-BCA471-M11	CAP. ELEC 470 UF 16V +/-20%
C118	25-BCB100-M11	CAP. ELEC 10 UF 16V +/-20%
C135	25-BCB100-M11	CAP. ELEC 10 UF 16V +/-20%
C023	25-BCB101-M11	CAP. ELEC 100 UF 16V +/-20%
C606	25-BCB101-M11	CAP. ELEC 100 UF 16V +/-20%
C123	25-BCB470-M11	CAP. ELEC 47 UF 16V +/-20%
C128	25-BCB470-M11	CAP. ELEC 47 UF 16V +/-20%
C833	25-BDA471-M11	CAP. ELEC 470 UF 25V +/-20%
C417	25-BDA471-M11	CAP. ELEC 470 UF 25V +/-20%
C835	25-BDG102-M11	CAP. ELEC 1000 UF 25V +/-20%
C603	25-BDG102-M11	CAP. ELEC 1000 UF 25V +/-20%
C306	25-BDG222-M11	CAP. ELEC 2200 UF 25V +/-20%
C815	25-BEA221-M1C	CAP. ELEC 220 UF 35V +/-20%
C607	25-BEA221-M1C	CAP. ELEC 220 UF 35V +/-20%
C836	25-BEB100-M11	CAP. ELEC 10 UF 35V +/-20%
C303	25-BEB101-M11	CAP. ELEC 100 UF 35V +/-20%
C007	25-BEB228-M31	CAP. TAN 0.22 UF 35V +/-20%
C302	25-BEG102-M11	CAP. ELEC 1000 UF 35V +/-20%
C421	25-BEG102-M11	CAP. ELEC 1000 UF 35V +/-20%
C461	25-BFA220-M11	CAP. ELEC 22 UF 50V +/-20%
C113	25-BFA229-K1A	CAP. ELEC 2.2UF 50V 10% CEC-K
C812	25-BFB109-M11	CAP. ELEC 1 UF 50V +/-20%
C609	25-BFB109-M11	CAP. ELEC 1 UF 50V +/-20%
C817	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C045	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C250	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C251	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C130	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C131	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C132	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C040	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C844	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C601	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C612	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C615	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C614	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C618	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C137	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C613	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C253	25-BFB229-M11	CAP. ELEC 2.2 UF 50V +/-20%
C114	25-BFB478-M11	CAP. ELEC 0.47 UF 50V +/-20%
C119	25-BFB478-M11	CAP. ELEC 0.47 UF 50V +/-20%
C124	25-BFB478-M11	CAP. ELEC 0.47 UF 50V +/-20%
C315	25-BFB479-M11	CAP. ELEC 4.7 UF 50V +/-20%
C307	25-BFB479-M11	CAP. ELEC 4.7 UF 50V +/-20%
C829	25-BFB479-M11	CAP. ELEC 4.7 UF 50V +/-20%
C821	25-BGA220-M1P	CAP. ELEC 22 UF 63V +/-20%
C415	25-BJA109-M11	CAP. ELEC 1 UF 160V +/-20%
C405	25-BJG101-M11	CAP. ELEC 100 UF 160V +/-20%
C830	25-BJG101-M11	CAP. ELEC 100 UF 160V +/-20%
C412	25-BLA100-M11	CAP. ELEC 10 UF 250V +/-20%
C805	25-BMJ221-M11	CAP. ELEC 220 UF 400V +/-20%
C854	26-ABA473-ZF1	CAP. CER 0.047 UF 50V +80-20%F
C462	26-ABA473-ZF1	CAP. CER 0.047 UF 50V +80-20%F
C011	26-ABC101-JZ1	CAP. CER 100 PF 50V +/-5% SL
C414	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C108	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C112	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C122	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C110	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C403	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C856	26-ABC102-ZF1	CAP. CER 1N 50V +80-20% F
C117	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C252	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C843	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C846	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C839	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C022	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C102	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C101	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C109	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C106	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C100	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C115	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C121	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C103	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F

SCHEMATIC DIAGRAM



IR TRANSMITTER BOARD

SCHEMATIC NO.	PART #	DESCRIPTION
Q801	64-93060-102	M/C SCREW B 3 X 6
	64-93060-204	M/C SCREW P 3/8
	64-935100-204	M/C SCREW P 3.5 X 10
Q801	64-935100-204	SPRING WASHER 3.3 X 5.5 X 0.7
	65-235905-07E	NUT M 3.5
	65-235905-26M	BRASS EYELET 2 X 3
P802	66-11640-080	FUSE HOLDER
F801	66-205160-08B	HEAT SINK
	67-203020-04M2	HEAT SINK
	67-203020-04M2	HEAT SINK FOR POWER TRANSISTOR
Q801	67-231690-20A	HEAT SINK IC
	67-238120-080	BRACKET MAIN BD
	67-238140-04M2	HEAT SINK - VERT
D809	67-240620-04M2	HEAT SINK - YERT
	67-240630-04M2	HEAT SINK FOR 2SC3852
	71-13900-0A2	LABEL POWER COORD LABEL
Q801	71-221930-04A	SILICONE GREASE G-746
	90-209170-000	ASS'Y - DIGITAL BD
	08-237520-021	DIODE ZENER 5.0V ±5.2V 1/2W
D707	10-042520-0B1	DIODE 1N4148 (SWITCHING)
D706	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D701	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D702	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D703	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D704	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D705	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D702	11-SC1815-161	TRANSISTOR 2SC1815
D703	13-UP1812-56P	IC UP1812-56P
D704	13-UP1812-56P	IC UP1812-56P
D705	13-UP1812-56P	IC UP1812-56P
D706	13-UP1812-56P	IC UP1812-56P
D707	13-UP1812-56P	IC UP1812-56P
D708	13-UP1812-56P	IC UP1812-56P
D709	13-UP1812-56P	IC UP1812-56P
D710	13-UP1812-56P	IC UP1812-56P
D711	13-UP1812-56P	IC UP1812-56P
D712	13-UP1812-56P	IC UP1812-56P
D713	13-UP1812-56P	IC UP1812-56P
D714	13-UP1812-56P	IC UP1812-56P
D715	13-UP1812-56P	IC UP1812-56P
D716	13-UP1812-56P	IC UP1812-56P
D717	13-UP1812-56P	IC UP1812-56P
D718	13-UP1812-56P	IC UP1812-56P
D719	13-UP1812-56P	IC UP1812-56P
D720	13-UP1812-56P	IC UP1812-56P
D721	13-UP1812-56P	IC UP1812-56P
D722	13-UP1812-56P	IC UP1812-56P
D723	13-UP1812-56P	IC UP1812-56P
D724	13-UP1812-56P	IC UP1812-56P
D725	13-UP1812-56P	IC UP1812-56P
D726	13-UP1812-56P	IC UP1812-56P
D727	13-UP1812-56P	IC UP1812-56P
D728	13-UP1812-56P	IC UP1812-56P
D729	13-UP1812-56P	IC UP1812-56P
D730	13-UP1812-56P	IC UP1812-56P
D731	13-UP1812-56P	IC UP1812-56P
D732	13-UP1812-56P	IC UP1812-56P
D733	13-UP1812-56P	IC UP1812-56P
D734	13-UP1812-56P	IC UP1812-56P
D735	13-UP1812-56P	IC UP1812-56P
D736	13-UP1812-56P	IC UP1812-56P
D737	13-UP1812-56P	IC UP1812-56P
D738	13-UP1812-56P	IC UP1812-56P
D739	13-UP1812-56P	IC UP1812-56P
D740	13-UP1812-56P	IC UP1812-56P
D741	13-UP1812-56P	IC UP1812-56P
D742	13-UP1812-56P	IC UP1812-56P
D743	13-UP1812-56P	IC UP1812-56P
D744	13-UP1812-56P	IC UP1812-56P
D745	13-UP1812-56P	IC UP1812-56P
D746	13-UP1812-56P	IC UP1812-56P
D747	13-UP1812-56P	IC UP1812-56P
D748	13-UP1812-56P	IC UP1812-56P
D749	13-UP1812-56P	IC UP1812-56P
D750	13-UP1812-56P	IC UP1812-56P
D501	08-237520-021	DIODE 1N4148 (SWITCHING)
D502	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D503	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D504	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D505	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D506	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D507	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D508	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D509	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D510	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D511	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D512	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D513	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D514	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D515	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D516	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D517	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D518	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D519	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D520	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D521	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D522	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D523	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D524	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D525	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D526	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D527	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D528	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D529	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D530	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D531	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D532	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D533	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D534	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D535	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D536	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D537	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D538	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D539	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D540	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D541	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D542	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D543	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D544	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D545	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D546	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D547	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D548	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D549	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D550	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D551	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D552	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D553	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D554	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D555	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D556	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D557	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D558	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D559	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D560	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D561	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D562	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D563	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D564	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D565	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D566	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D567	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D568	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D569	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D570	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D571	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D572	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D573	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D574	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D575	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D576	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D577	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D578	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D579	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D580	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D581	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D582	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D583	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D584	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D585	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D586	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D587	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D588	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D589	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D590	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D591	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D592	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D593	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D594	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D595	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D596	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D597	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D598	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D599	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D600	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D601	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D602	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D603	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D604	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D605	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D606	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D607	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D608	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D609	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D610	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D611	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D612	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D613	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D614	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D615	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D616	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D617	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D618	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D619	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D620	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D621	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D622	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D623	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D624	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D625	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D626	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D627	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D628	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D629	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D630	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D631	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D632	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D633	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D634	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D635	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D636	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D637	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D638	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D639	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D640	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D641	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D642	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D643	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D644	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D645	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D646	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D647	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D648	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D649	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D650	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D651	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D652	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D653	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D654	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D655	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D656	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D657	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D658	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D659	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D660	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D661	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D662	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D663	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D664	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D665	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D666	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D667	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D668	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D669	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D670	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D671	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D672	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D673	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D674	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D675	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D676	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D677	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D678	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D679	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D680	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D681	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D682	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D683	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D684	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D685	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D686	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D687	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D688	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D689	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D690	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D691	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D692	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D693	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D694	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)

SCHEMATIC NO.	PART #	DESCRIPTION
R505	18-BE4274-VB1	RES C.C. 4.7K OHM 1/2W +/-10%
R510	18-BE4274-VB1	RES C.C. 4.7K OHM 1/2W +/-10%
R515	18-BE4274-VB1	RES C.C. 4.7K OHM 1/2W +/-10%
R516	18-BE4274-VB1	RES C.C. 4.7K OHM 1/2W +/-10%
R503	18-CD0104-JB1	RES C.F. 100K OHM 1/4W +/-5%
R504	18-CD0104-JB1	RES C.F. 100K OHM 1/4W +/-5%
R508	18-CD0104-JD1	RES C.F. 100K OHM 1/4W +/-5%
R513	18-CD0104-JD1	RES C.F. 100K OHM 1/4W +/-5%
R517	18-CD0104-JB1	RES C.F. 12 OHM 1/4W +/-5%
R520	18-CD0220-JB1	RES C.F. 22 OHM 1/4W +/-5%
R506	18-CD0332-JB1	RES C.F. 33 OHM 1/4W +/-5%
R511	18-CD0332-JD1	RES C.F. 33 OHM 1/4W +/-5%
R501	18-CD0682-JB1	RES C.F. 68 OHM 1/4W +/-5%
R502	18-CD0682-JD1	RES C.F. 68 OHM 1/4W +/-5%
R507	18-CD0682-JB1	RES C.F. 68 OHM 1/4W +/-5%
R512	18-CD0682-JD1	RES C.F. 68 OHM 1/4W +/-5%
R518	18-CD0822-JD1	RES C.F. 82 OHM 1/4W +/-5%
R509	18-FG0153-JB1	RES M.O. 15K OHM 2W +/-5%
R514	18-FG0153-JB1	RES M.O. 15K OHM 2W +/-5%
R504	18-FG0153-JB1	RES M.O. 15K OHM 2W +/-5%
C510	25-BCA420-M11	CAP. ELEC 47 UF 16V +/-20%
C507	25-BCA470-M11	CAP. ELEC 47 UF 16V +/-20%
C504	26-ABA103-JF1	CAP. CER0.01 UF 50V -80-20% F
C505	26-ABA104-JF1	CAP. CER0.01 UF 50V -80-20% F
C511	26-ABA104-JF1	CAP. CER0.01 UF 50V -80-20% F
C501	26-ABA420-JZ1	CAP. CER22 PF 50V +/-5% SL
C502	26-ABA420-JZ1	CAP. CER22 PF 50V +/-5% SL
C503	26-ABA420-JZ1	CAP. CER22 PF 50V +/-5% SL
C504	26-ABA420-JZ1	CAP. CER22 PF 50V +/-5% SL
C513	34-ANK102-1C1	CAP. CHOK 100UH +/-10% B
L513	34-RK10K2-1C1	COIL CHOK 10UH +/-10% B
L514	34-RK15L12-0A1	COIL PL. 150UH +/-5%
L501	40-235370-0AA	C.O.B. CRT BU
J505	41-AJ0050-BEE	WIRE BARE JUMPER 5MM
J503	41-AJ0075-BEE	WIRE BARE JUMPER 7.5MM
J501	41-AJ0075-BEE	WIRE BARE JUMPER 7.5MM
J502	41-AJ0100-BEE	WIRE BARE JUMPER 10MM
J504	41-AJ0100-BEE	WIRE BARE JUMPER 10MM
P501	46-109570-WY1	PIN BASE "1" RP-236
P402H	46-20389H-04C	HS AP24A 480V5 BK YW BN
P402H	46-20389H-04C	HS AP24A 480V5 BK YW BN
P201	46-20688H-05D	HS SP 4 480V5 OE YW BK WD
S501	47-208530-001	SOCKET CRT 8P DIA. 25 MM
W601	08-237440-001	ASSY. - FRONT CABINET
CRT501	36-204121-000	COIL DEGAUSSING 2600 +/-20MM
	36-204120-000	COIL DEGAUSSING 2450 +/-20MM
	42-127521-000	SPEAKER 7.6X12.7CM 16 OHM 2W
	44-219470-001	CRT 51CM 480V480X903
	46-20425H-01B	HS 1P 16A 520V10 BL
	54-114000-000	BRIDGED FLAT WIRE 3000X3MM
	55-205140-000	FELT TAPE 150X19MM
	55-22632R-1HA	SPEAKER CATH MOUNTING (RIGHT)
	55-22632R-1HA	SPEAKER HOUSING (RIGHT)
	55-22633R-1HA	SPEAKER HOUSING (LEFT)
	55-22633R-1HA	SPEAKER HOUSING (LEFT)
	55-22680R-0HA	FRONT PANEL
	55-22734X-0HA	LED ADAPTOR (LENS)
	56-235150-0HC	SENSOR ADAPTOR (LENS)
	56-235160-0HC	PUSH KEY
	56-237360-0HA	POWER KNOB
	59-134615-0U1	LOGO
	59-228540-0H1	COVER PLATE - SPEAKER PANEL
	59-30460-000	RUBBER PAD 25MMX5.5MM
	62-106540-00F	UNI-TIE 2.5X35MM
	62-200980-0HA	MOUNTING POST
	62-200990-0HA	CABINET SIDE CATCHER
	62-216340-0AB	HOLDER AD POWER COORD
	62-225930-0HA	MOUNTING POST
	62-220240-0HG	CRT SPACER A
	62-220250-0HG	CRT SPACER B
	63-B26080-0AB	SIT SCREW B2.6 X 8 AB
	63-B26090-0AB2	SIT SCREW B2.6 X 8 AB
	63-B40200-0AB2	SIT SCREW B 4 X 20 AB
	63-B40200-0AB2	SIT SCREW B 4 X 20 AB
	63-B40200-0AB2	SIT SCREW B 4 X 20 AB
	63-B40200-0AB2	SIT SCREW B 4 X 20 AB

SCHEMATIC NO.	PART #	DESCRIPTION
C0001	63-W30000-AB4	S/T SCREW W 3 X 9 AB
	65-C52200-16E	WASHER EXTERNAL TOOTH
	67-126800-0EO	SPRING CRK 40 X 0.5 MM
	67-2704P-0EO	SPEAKER GRILLE
	62-23624P-0HA	SPRING KNOB
	62-228900-0EO	SPRING - KNOB
	71-231130-0AO	LABEL OF NUMBER TV SET
	67-237650-001	ASSY - REAR CABINET
	55-226020-0HA	REAR CABINET
	58-1144S-001	PLATE MODEL NO.
	58-1271S-001	PLATE ANT. TERMINAL
	53-10000-002	PIPERBOMB 25MMX5.5MM
	63-140000-0B2	ASSY - REAR TUNING BD
	08-227660-001	ASSY - REAR TUNING BD
	11-96C268-0A1	TRANSISTOR 6C368
	13-0RT13-50P	IC RT1260
	15-0TJSJ4-02D	DIODE INFRARED TSJ402
D2	15-0TJSJ4-02D	DIODE INFRARED TSJ402
R1	18-0C80109-1J1	RES. C F 1 OHM 18W +/-5%
R8	18-0C80109-1J1	RES. C F 1 OHM 18W +/-5%
R7	18-0C80223-1B1	RES. C F 22K OHM 18W +/-5%
R2	25-8BA102-M1C	RES. C F 33K OHM 18W +/-5%
R2	25-8BA102-M1C	RES. C F 33K OHM 18W +/-5%
C1	26-ABA101-JZ1	CAP. ELEC 100 PF 50V +/-5% SL
C0100	40-235430-0EA	P C.B. TRANSISTOR BD
	41-010075-5AA	WIRE BATT. 75MMX4MM BLACK
	41-010075-5AA	WIRE BATT. 75MMX4MM RED
	49-212840-000	RUBBER CONDUCTIVE .46 KEYS
	55-212810-0HA	CASE UPPER REMOTE HANDSET
	55-212820-0HA	CASE LOWER REMOTE HANDSET
	55-212830-0HA	DOOR BATT. REMOTE HANDSET
	58-21296X-EUH	INLAY - REMOTE CONTROL
	59-229000-000	INLAY - REMOTE BACK COVER
	63-260800-AB3	S/T SCREW P 2 X 8 BLACK
	67-202200-0P2	BATT. TERMINAL (+)
	67-202230-0P2	BATT. TERMINAL (-)
	71-202390-0A2	POLYBAG HANDSET
	74-003622-50C	ASSY - IR FRE AMP
	75-227800-000	DOOR BATT. 1868P
	75-227800-000	CAP. ELEC 3.3 UF 50V +/-20%
	75-227800-000	CAP. CER 100 PF 50V +/-20% F
C0101	26-ABK103-ZF1	CAP. CER 1500 PF 50V +/-10% B
	26-ABK132-KB1	P.C.B. RECEIVER BD
	40-235440-0DA	SCHILD CAN IR PRE-AMP
	67-253800-00A	ASSY - PACKING
	08-237680-001	LABEL SERIAL NO. (1SETX2PCS)
	11-13980-0A0	OPERATION MANUAL
	72-202390-DY1	POLYBAG 22 X 32CM
	74-022033-SWE	POLYBAG 20/21/22 IN
	74-104086-SWC	UPPER POLYFOAM CAP (R)
	75-227800-C00	UPPER POLYFOAM CAP (L)
	75-227800-C00	UPPER POLYFOAM CAP (R)
	75-227910-C00	LOWER POLYFOAM CAP (L)
	75-227920-C00	LOWER POLYFOAM CAP (R)
	76-22936X-02A	CARTON BOX
	08-230300-000	ASSY - AKURA CX25
	08-230300-UK1	PASS I UK NICAM
T0101	08-237691-001	ASSY - MAIN BD
	07-ET6100-IEC	TUNER - ET-61IEC
	47-222800-IEC	DIN JACK TO RCA PLUG
	07-00000E-1E1	TUNER - ET-61
	07-ET610A-IEC	TUNER - ET-61A IEC
	10-BV4006M-H71	DIODE - RBV4006M (BRIDGE RECT.)
D801	10-BV4006M-H71	DIODE BYV960
D007	10-PC574-JD1	DIODE ZENER 57V 57AJ
D402	10-SZ959G-EB1	DIODE SZ959G (FAST RECOVERY)
D403	10-SZ959G-EB1	DIODE SZ959G (FAST RECOVERY)
D404	10-SZ959G-EB1	DIODE SZ959G (FAST RECOVERY)
D405	10-SZ959G-EB1	DIODE SZ959G (FAST RECOVERY)
D807	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D808	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D809	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D810	10-0BA157-EB1	DIODE BA157 (FAST RECOVERY)
D250	10-0H2562-DB1	DIODE 256V 2.5A 50V 2.5A 12W
D813	10-0H2562-DB1	DIODE ZENER

SCHEMATIC		DESCRIPTION
NO.	PART #	
D811	10-01ZSC2-DB1	DIODE ZENER 5.0V ±5.2V 1/2W
D812	10-01ZSC2-DB1	DIODE ZENER 5.0V ±5.2V 1/2W
D805	10-00RUK43-E01	DIODE RUK43
D809	10-00RUK43-E01	DIODE RUK43
D301	10-1N4001-EB1	DIODE 1N4001 (RECTIFIER)
D303	10-1N4148-AB1	DIODE 1N4148 (SWITCHING)
D804	10-1N4733-DB1	DIODE ZENER 5.1V 1W ±5%
D802	10-79C5V8-DB1	DIODE ZENER 6.8V 1/2W 5%
D021	10-79C5V8-DB1	DIODE ZENER 6.8V 1/2W 5%
D022	10-79C5V8-DB1	DIODE ZENER 6.8V 1/2W 5%
D801	11-01B711-A-FB1	TRANSISTOR BUT11AF
A460	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q006	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q003	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q004	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
C215	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
C216	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
C217	11-SA1015-YB1	TRANSISTOR 2SA1015-Y
Q810	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q005	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q804	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q805	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q002	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q104	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q103	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
C251	11-SC1815-YB1	TRANSISTOR 2SC1815-Y
Q402	11-SC2482-DB1	TRANSISTOR 2SC2482
Q803	11-SC388A-MB1	TRANSISTOR 2SC388A-1M
Q101	11-SC388A-MB1	TRANSISTOR 2SC388A-1M
Q102	11-SC388A-MB1	TRANSISTOR 2SC388A-1M
Q401	11-SD155-0A1	TRANSISTOR 2SD1555
Q802	11-0BC358-0A1	TRANSISTOR BC358
Q806	11-0BC358-0A1	TRANSISTOR BC358
Q807	11-0BC358-0A1	TRANSISTOR BC358
Q001	11-2N3904-0A1	TRANSISTOR 2N3904
IC001	13-TVP020-66P	IC TVP02066-D05
IC002	13-0NVM30-B0P	IC NVM3030 EPROM
IC301	13-07DA81-72P	IC D81722 VOLT O/P
IC801	13-07DA83-80P	IC D8A8380 SMPs
IC101	13-00LA75-50P	IC LA7550
IC202	13-00LM35-8NP	IC LM3581
IC401	13-00MC78-12P	IC MC7812 (REGULATOR)
D031	14-140482-LR2	LED SLH566UR3F
IC803	15-00CNX8-2AC	PHOTO COUPLER CNX82A
R201	18-BE0105-JB1	RES. C.C. 1M OHM 1/2W ±10%
R825	18-BE0825-KB1	RES. C.C. 8.2M OHM 1/2W ±10%
R121	18-CB0101-JN1	RES. C.F. 100 OHM 1/6W ±5%
R121	18-CB0101-JN1	RES. C.F. 100 OHM 1/6W ±5%
R121	18-CB0101-JN1	RES. C.F. 100 OHM 1/6W ±5%
R124	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R015	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R017	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R254	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R829	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R235	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R220	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R012	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R615	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R616	18-CB0102-JN1	RES. C.F. 1K OHM 1/6W ±5%
R642	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R131	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R048	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R045	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R018	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R482	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R011	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R008	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
K308	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R835	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R047	18-CB0103-JN1	RES. C.F. 10K OHM 1/6W ±5%
R112	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W ±5%
R115	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W ±5%
R013	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W ±5%
R117	18-CB0104-JN1	RES. C.F. 100K OHM 1/6W ±5%
R119	18-CB0105-JN1	RES. C.F. 100K OHM 1/6W ±5%
R305	18-CB0105-JN1	RES. C.F. 100K OHM 1/6W ±5%

SCHEMATIC		
NO.	PART #	DESCRIPTION
C127	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C001	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C002	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C010	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C129	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C610	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C006	26-ABC103-ZF1	CAP. CER 0.01 UF 50V +80-20% F
C834	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C838	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C814	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C015	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C602	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C604	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C304	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C608	26-ABC104-ZF1	CAP. CER 0.1UF 50V +80-20% F
C120	26-ABC150-JZ1	CAP. CER 15 PF 50V +/-5% SL
C005	26-ABC203-ZF1	CAP. CER 20N 50V +80-20% F
C009	26-ABC221-JZ1	CAP. CER 220 PF 50V +/-5% SL
C827	26-ABC223-ZF1	CAP. CER 22N 50V +80-20% F
C842	26-ABC223-ZF1	CAP. CER 22N 50V +80-20% F
C126	26-ABC330-JC1	CAP. CER 33 PF 50V +/-5% NPO
C030	26-ABC470-JZ1	CAP. CER 47 PF 50V +/-5% SL
C003	26-ABC470-JZ1	CAP. CER 47 PF 50V +/-5% SL
C044	26-ABC470-JZ1	CAP. CER 47 PF 50V +/-5% SL
C818	26-ABC681-KB1	CAP. CER 680 PF 50V +/-10% B
C832	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C420	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C416	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C413	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C831	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C840	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C808	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C810	26-AIC221-KB1	CAP. CER 220 PF 500V +/-10% B
C822	26-AIC391-KZ1	CAP. CER 390 PF 500V +/-10% B
C411	26-AIC681-KB1	CAP. CER 680 PF 500V +/-10% B
C804	26-AIM103-KB1	CAP. CER 0.01 UF 500V +/-10% B
C828	26-AIM103-KB1	CAP. CER 0.01 UF 500V +/-10% B
C407	26-AIM472-KB1	CAP. CER 4700 PF 500V +/-10% B
C409	26-AIM472-KB1	CAP. CER 4700 PF 500V +/-10% B
C806	26-AKK331-KB1	CAP. CER 330 PF 1KV +/-10% B
C826	26-AKK471-KB1	CAP. CER 470 PF 1KV +/-10% B
C823	26-AMK221-KZM	CAP. CER 220 PF 2KV +/-10% SL
C827	26-AMK221-KZM	CAP. CER 220 PF 2KV +/-10% SL
C404	26-AMK221-KZM	CAP. CER 220 PF 2KV +/-10% SL
C825	26-APK102-MBJ	CAP. CER 1000PF 400VAC +/-20%B
C848	26-APK471-KBJ	CAP. CER 470 PF 400VAC +/-10% B
C849	26-APK471-KBJ	CAP. CER 470 PF 400VAC +/-10% B
C850	26-AQK472-ZF1	CAP. CER 4700PF 250VAC +80-20%
C851	26-AQK472-ZF1	CAP. CER 4700PF 250VAC +80-20%F
C852	26-AQK472-ZF1	CAP. CER 4700PF 250VAC +80-20%F
C853	26-AQK472-ZF1	CAP. CER 4700PF 250VAC +80-20%F
C807	27-ALQ222-J01	CAP. M PP 0.0022 UF 1.6KV +/-5
C402	27-ALR762-J01	CAP. M. PP 0.0076 UF 1.6KV +/-5%
C857	27-MHW104-K01	CAP. METAL P.E. 0.1UF 400V 10%
C801	27-MQT224-MV1	CAP. MET PE 0.22UF 250V AC 20%
C305	27-PBA224-J01	CAP. P.E. 0.22 UF 50V +/-5%
C308	27-PBC103-J01	CAP. P.E. 0.01 UF 50V +/-5%
C008	27-PBC104-J01	CAP. P.E. 0.1 UF 50V +/-5%
C224	27-PBC104-J01	CAP. P.E. 0.1 UF 50V +/-5%
C223	27-PBC104-J01	CAP. P.E. 0.1 UF 50V +/-5%
C222	27-PBC104-J01	CAP. P.E. 0.1 UF 50V +/-5%
C116	27-PBC473-J01	CAP. P.E. 0.047 UF 50V +/-5%
C309	27-PBC563-J01	CAP. P.E. 0.056 UF 50V +/-5%
C816	27-RBA681-J01	CAP. PP 680PF 50V +/-5%
C406	27-RHQ563-J01	CAP. PP 0.056 UF 400V +/-5%
C401	27-RHV434-J01	CAP. PP 0.43 UF 400V +/-5%
L101	34-A568K0-111	COIL CHOKE 0.56 UH +/-10%
L404	34-A608K6-1BA	COIL CHOKE 0.6 UH +/-10%
L802	34-A608K6-1BA	COIL CHOKE 0.6 UH +/-10%
L403	34-A608K6-1BA	COIL CHOKE 0.6 UH +/-10%
L108	34-R100J2-0E1	COIL PL - 10 UH +/-5%
L110	34-R100J2-0E1	COIL PL - 10 UH +/-5%
L103	34-R100J2-0E1	COIL PL - 10 UH +/-5%
L107	34-R100J2-0E1	COIL PL - 10 UH +/-5%
L210	34-R100J2-0E1	COIL PL - 10 UH +/-5%
L806	34-R101K2-1B1	COIL CHOKE 100 UH +/-10%
L807	34-R101K2-1B1	COIL CHOKE 100 UH +/-10%

SCHEMATIC		
NO.	PART #	DESCRIPTION
L408	34-R109J2-0E1	COIL PL - 1 UH +/-5%
L402	34-R109K2-1A1	COIL CHOKE 1 UH +/-10%
L106	34-R120J2-0E1	COIL PL - 12 UH +/-5%
L104	34-R150J2-0E1	COIL PL - 15 UH +/-5%
L808	34-R220K2-1C1	COIL CHOKE 22 UH +/-10%
L105	34-R569J2-0E1	COIL PL - 5.6 UH +/-5%
L801	34-R569K2-1B1	COIL CHOKE 5.6 UH +/-10%
L803	35-139730-000	FERR. BEAD BF60
L804	35-139730-000	FERR. BEAD BF60
L805	35-139730-000	FERR. BEAD BF60
B814	35-139730-000	FERR. BEAD BF60
B815	35-139730-000	FERR. BEAD BF60
B801	35-139730-000	FERR. BEAD BF60
B802	35-139730-000	FERR. BEAD BF60
B803	35-139730-000	FERR. BEAD BF60
B804	35-139730-000	FERR. BEAD BF60
B805	35-139730-000	FERR. BEAD BF60
B806	35-139730-000	FERR. BEAD BF60
B807	35-139730-000	FERR. BEAD BF60
B808	35-139730-000	FERR. BEAD BF60
B809	35-139730-000	FERR. BEAD BF60
B810	35-139730-000	FERR. BEAD BF60
B811	35-139730-000	FERR. BEAD BF60
T801	36-107210-000	LINE FILTER
T402	36-107481-000	TRANSFORMER, HORIZ EI-19
L405	36-131890-000	COIL WIDTH 96 UH
L401	36-208950-00A	COIL LINEARITY 50 UH
T803	36-237820-00A	TRANSFORMER
T803	36-237820-00B	TRANSFORMER TWE4215V
T401	37-M2012E-16A	FLYBACK FCM-2012E16A
102	38-107440-000	COIL P.I.F. DETECTOR
T104	38-107440-000	COIL P.I.F. DETECTOR
T101	38-213950-000	COIL P.S.F. MATCHING TRF3833
T105	38-221120-00A	COIL FM DET
	40-235361-0AA	P.C.B. MAIN BD
X101	45-108780-400	CER. FILTER 6 MHZ EFCS6R0MS4
X001	45-134220-100	CRYSTAL 4.0 MHZ
X105	45-137170-600	CER. TRAP TPS 6.0 MHZ
Z101	45-213940-300	SAW FILTER F1045A
P402	46-10960W-04C	PIN BASE *4 WP9004
P402	46-10960W-04E	PIN BASE *4 IL-G-4P-S3T2-E
P801	46-10962W-02B	PIN BASE *2 RTB-1.5-2
P601	46-12866W-02A	PIN BASE *2 2501P02
P301	46-12866W-02C	PIN BASE *2 WP9002
P403	46-12866W-02E	PIN BASE *2 IL-G-2P-S3T2-E
P401	46-12876W-06C	PIN BASE *6 WP3006
P201	46-13541W-05D	PIN BASE *5
P202	47-236870-000	SCART SOCKET MKF6342-6-10-2121
IC002	47-237900-000	SOCKET IC 8 PINS
S002	48-231010-000	SW. TACT EVQPF04R
S002	48-228670-002	SW. TACT (VERTICAL)
S003	48-231010-000	SW. TACT EVQPF04R
S003	48-228670-002	SW. TACT (VERTICAL)
S004	48-231010-000	SW. TACT EVQPF04R
S004	48-228670-002	SW. TACT (VERTICAL)
S005	48-231010-000	SW. TACT EVQPF04R
S005	48-228670-002	SW. TACT (VERTICAL)
S001	48-231010-000	SW. TACT EVQPF04R
S001	48-228670-002	SW. TACT (VERTICAL)
S006	48-231010-000	SW. TACT EVQPF04R
S006	48-228670-002	SW. TACT (VERTICAL)
S009	48-231010-000	SW. TACT EVQPF04R
S009	48-228670-002	SW. TACT (VERTICAL)
S801	48-236220-0E0	SW. POWER ON/OFF W/AUX. SW
F801	50-02000D-10S	FUSE 2.0AT 250VAC 5 X 20MM
	51-CC0243-OCA	POWER CORD - AC BS6500
	54-113971-0U4	PVC TUBE #6 L= 20MM
S801	56-216350-0HA	POWER SWITCH ADAPTER
	62-106540-00F	UNI-TIE 2.5X95MM
	62-215870-0UH	MOUNTING SPACER FBT
	62-225290-0UF	KNOT TIE
	62-227680-0UA	HOLDER CABLE FOR FBT
	62-235870-1HA	HOLDER LED
	62-238490-0HH	MOUNT BRACKET
	63-B35100-AB2	S/T SCREW B 3.5X10 AB HARDENG
	63-B40200-AB2	S/T SCREW B 4 X 20 AB
	63-P35080-0B4	S/T SCREW P 3.5 X 8 B HARDEN G

SCHEMATIC NO.	PART #	DESCRIPTION
R122	18-CB0122-JN1	RES. CF. 1.2K OHM 16W +5%
R108	18-CB0122-JN1	RES. CF. 1.2K OHM 16W +5%
R003	18-CB0123-JN1	RES. CF. 12K OHM 16W +5%
R316	18-CB0123-JN1	RES. CF. 12K OHM 16W +5%
R116	18-CB0124-JN1	RES. CF. 120K OHM 16W +5%
R830	18-CB0124-JN1	RES. CF. 120K OHM 16W +5%
R830	18-CB0151-JN1	RES. CF. 150 OHM 16W +5%
R125	18-CB0152-JN1	RES. CF. 15K OHM 16W +5%
R004	18-CB0153-JN1	RES. CF. 15K OHM 16W +5%
R304	18-CB0183-JN1	RES. CF. 18K OHM 16W +5%
R129	18-CB0184-JN1	RES. CF. 180K OHM 16W +5%
RQ31	18-CB02021-JN1	RES. CF. 220 OHM 16W +5%
R102	18-CB02021-JN1	RES. CF. 220 OHM 16W +5%
R010	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R212	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R213	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R214	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R215	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R216	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R217	18-CB0222-JN1	RES. CF. 2.2K OHM 16W +5%
R637	18-CB0223-JN1	RES. CF. 22K OHM 16W +5%
R634	18-CB0223-JN1	RES. CF. 22K OHM 16W +5%
R16	18-CB0262-JN1	RES. CF. 220K OHM 16W +5%
R069	18-CB0273-JN1	RES. CF. 27K OHM 16W +5%
R128	18-CB0302-JN1	RES. CF. 30K OHM 16W +5%
R408	18-CB0330-JN1	RES. CF. 33K OHM 16W +5%
R126	18-CB0331-JN1	RES. CF. 330 OHM 16W +5%
R120	18-CB0331-JN1	RES. CF. 330 OHM 16W +5%
R005	18-CB0333-JN1	RES. CF. 3.3K OHM 16W +5%
R315	18-CB0382-JN1	RES. CF. 390 OHM 16W +5%
R110	18-CB0391-JN1	RES. CF. 39K OHM 16W +5%
R014	18-CB0393-JN1	RES. CF. 39K OHM 16W +5%
R019	18-CB0393-JN1	RES. CF. 39K OHM 16W +5%
R105	18-CB0470-JN1	RES. CF. 47 OHM 16W +5%
R041	18-CB0471-JN1	RES. CF. 470 OHM 16W +5%
R042	18-CB0471-JN1	RES. CF. 470 OHM 16W +5%
R123	18-CB0471-JN1	RES. CF. 470 OHM 16W +5%
R043	18-CB0471-JN1	RES. CF. 470 OHM 16W +5%
R132	18-CB0472-JN1	RES. CF. 47K OHM 16W +5%
R007	18-CB0472-JN1	RES. CF. 47K OHM 16W +5%
R641	18-CB0472-JN1	RES. CF. 47K OHM 16W +5%
R021	18-CB0472-JN1	RES. CF. 47K OHM 16W +5%
R139	18-CB0472-JN1	RES. CF. 47K OHM 16W +5%
R436	18-CB0473-JN1	RES. CF. 47K OHM 16W +5%
R636	18-CB0473-JN1	RES. CF. 47K OHM 16W +5%
R114	18-CB0473-JN1	RES. CF. 47K OHM 16W +5%
R020	18-CB0473-JN1	RES. CF. 47K OHM 16W +5%
R111	18-CB0473-JN1	RES. CF. 47K OHM 16W +5%
R022	18-CB0512-JN1	RES. CF. 51K OHM 16W +5%
R127	18-CB0561-JN1	RES. CF. 560 OHM 16W +5%
R104	18-CB0562-JN1	RES. CF. 56K OHM 16W +5%
R126	18-CB0562-JN1	RES. CF. 56K OHM 16W +5%
R219	18-CB0681-JN1	RES. CF. 680 OHM 16W +5%
R306	18-CB0682-JN1	RES. CF. 68K OHM 16W +5%
R050	18-CB0683-JN1	RES. CF. 68K OHM 16W +5%
C631	26-AC1221-KB1	CAP. CER 220 PF 500V +10% B
C840	26-AC1221-KB1	CAP. CER 220 PF 500V +10% B
C808	26-AC1221-KB1	CAP. CER 220 PF 500V +10% B
C810	26-AC1221-KB1	CAP. CER 220 PF 500V +10% B
C822	26-AC1391-KZ1	CAP. CER 390 PF 500V +10% B
C411	26-AC1681-KB1	CAP. CER 680 PF 500V +10% B
C604	26-AM1103-KB1	CAP. CER 100 PF 500V +10% B
C628	26-AM1103-KB1	CAP. CER 100 PF 500V +10% B
C407	26-AM472-KB1	CAP. CER 470 PF 500V +10% B
C409	26-AM472-KB1	CAP. CER 470 PF 500V +10% B
C806	26-AK4331-KB1	CAP. CER 330 PF 1KV +10% B
C826	26-AK4331-KB1	CAP. CER 330 PF 1KV +10% B
C823	26-AMK221-KZM	CAP. CER 220 PF 2KV +10% SL
C404	26-AMK221-KZM	CAP. CER 220 PF 2KV +10% SL
C825	26-AMK212-KZM	CAP. CER 220 PF 2KV +10% SL
C846	26-AK4701-KB1	CAP. CER 470 PF 400VAC +10% B
C850	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C851	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C852	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C853	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C854	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C855	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C856	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C857	26-AK4721-KB1	CAP. CER 470 PF 400VAC +10% B
C858	26-AK4721-KB1	CAP. CER 470 PF 400VAC

SCHEMATIC NO.	PART #	DESCRIPTION
C853	26-AQK472-ZF1	CAP CER 4700PF 250VAC .40u-20%4F
C807	27-ALD222-ZJ1	CAP MP PP 0.0022 UF 1.6KV +/-5%
C402	27-ALH782-ZJ1	CAP MP PP 0.0075 UF 1.6KV +/-5%
C857	27-AHW104-K01	CAP METAL PE 0.12UF 400V 10%
C801	27-MOT1224-MV1	CAP METAL PE 0.22UF 250V AC 20%
C305	27-PBA224-ZJ1	CAP P.E 0.22 UF 50V +/-5%
C308	27-PBC103-ZJ1	CAP P.E 0.01 UF 50V +/-5%
C008	27-PBC103-ZJ1	CAP P.E 0.1 UF 50V +/-5%
C224	27-PBC104-ZJ1	CAP P.E 0.1 UF 50V +/-5%
C223	27-PBC104-ZJ1	CAP P.E 0.1 UF 50V +/-5%
C222	27-PBC104-ZJ1	CAP P.E 0.1 UF 50V +/-5%
C116	27-PBC473-ZJ1	CAP P.E 0.047 UF 50V +/-5%
C309	27-PBC563-ZJ1	CAP P.E 0.056 UF 50V +/-5%
C816	27-RBA681-ZJ1	CAP PP 680PF 50V +/-5%
C406	27-RHC563-ZJ1	CAP PP 0.056 UF 400V +/-5%
C401	27-RHV434-ZJ1	CAP PP 0.43 UF 400V +/-5%
L101	34-A589K0-11	COIL CHOKE 0.58 UH +/-10%
L802	34-A608K6-1BA	COIL CHOKE 0.6 UH +/-10%
L404	34-A608K6-1BA	COIL CHOKE 0.6 UH +/-10%
L403	34-A608K6-1BA	COIL CHOKE 0.6 UH +/-10%
L108	34-F100J2-ZE1	COIL PL 10 UH +/-5%
L110	34-F100J2-ZE1	COIL PL 10 UH +/-5%
L107	34-F100J2-ZE1	COIL PL 10 UH +/-5%
L106	34-F101K2-1B1	COIL CHOKE 100 UH +/-10%
L807	34-F101K2-1B1	COIL CHOKE 100 UH +/-10%
L408	34-F109K2-1A1	COIL CHOKE 1.09 UH +/-10%
L402	34-F109K2-1A1	COIL CHOKE 1.09 UH +/-10%
L104	34-F120J2-ZE1	COIL PL 12 UH +/-5%
L106	34-F150J2-ZE1	COIL PL 15 UH +/-5%
L808	34-R220K2-1C1	COIL CHOKE 22 UH +/-10%
L105	34-F569K2-ZE1	COIL CHOKE 5.6 UH +/-10%
L801	34-F569K2-1B1	COIL CHOKE 5.6 UH +/-10%
L804	35-139730-000	FERR BEAD BF60
L805	35-139730-000	FERR BEAD BF60
B814	35-139730-000	FERR BEAD BF60
B815	35-139730-000	FERR BEAD BF60
B801	35-139730-000	FERR BEAD BF60
B802	35-139730-000	FERR BEAD BF60
B803	35-139730-000	FERR BEAD BF60
B804	35-139730-000	FERR BEAD BF60
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B809	35-139730-000	FERR BEAD BF60
B810	35-139730-000	FERR BEAD BF60
B811	35-139730-000	FERR BEAD BF60
B812	36-107210-000	LINE FILTER
T802	36-107160-000	TRANSFORMER, HORIZ EI-19
L401	36-107160-000	COIL WIDTH 58 UH
L401	36-208950-00A	COIL WIDTH 90 UH
T803	36-237820-00A	TRANSFORMER
T803	36-237820-00B	TRANSFORMER TWE4215V
T401	37-A2012E-16A	FLYBACK FCM-2012E 16A
T102	38-107440-000	COIL P.I.F. DETECTOR
T104	38-107440-000	COIL P.I.F. DETECTOR
T101	38-213950-00A	COIL P.F. MATCHING TRF-3833
T105	38-21120-00A	COIL P.F. DET
	40-235361-00A	P.C.B. MAIN BD

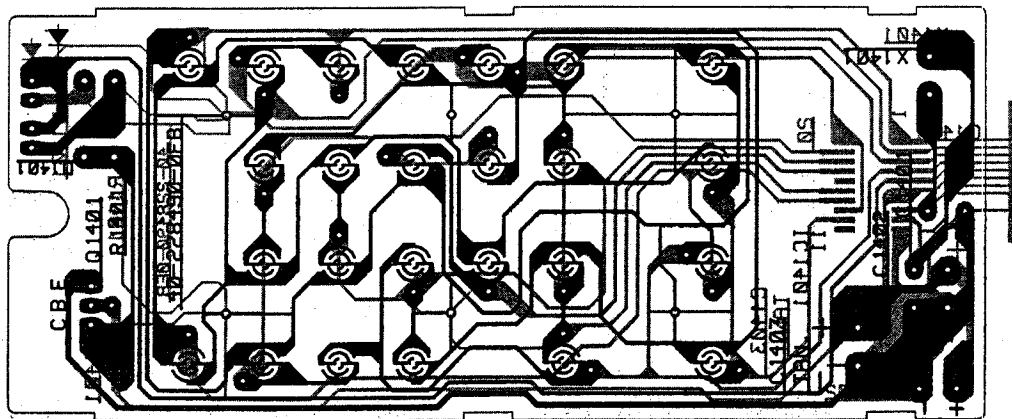
Schematic	Part #	Description
R250	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R251	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R222	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R224	18-CB0750-JN1	RES. C.F. 75 OHM 1/6W +/-5%
R253	18-CB0820-JN1	RES. C.F. 82 OHM 1/6W +/-5%
R303	18-CB0822-JN1	RES. C.F. 82 OHM 1/6W +/-5%
R309	18-CB0822-JN1	RES. C.F. 82 OHM 1/6W +/-5%
R308	18-CB0812-JN1	RES. C.F. 91K OHM 1/4W +/-5%
R344	18-CB0812-JN1	RES. C.F. 100K OHM 1/4W +/-5%
R309	18-CB0812-JN1	RES. C.F. 100K OHM 1/4W +/-5%
R333	18-CB0150-JN1	RES. C.F. 150 OHM 1/4W +/-5%
R312	18-CB0221-JN1	RES. C.F. 220 OHM 1/4W +/-5%
R331	18-CB0222-JN1	RES. C.F. 220 OHM 1/4W +/-5%
R307	18-CB0222-JN1	RES. C.F. 220 OHM 1/4W +/-5%
R302	18-CB0331-JN1	RES. C.F. 330 OHM 1/4W +/-5%
R343	18-CB0471-JN1	RES. C.F. 470 OHM 1/4W +/-5%
R341	18-CB0471-JN1	RES. C.F. 470 OHM 1/4W +/-5%
R311	18-CB0471-JN1	RES. C.F. 470 OHM 1/4W +/-5%
R316	18-CB0683-JN1	RES. C.F. 68K OHM 1/4W +/-5%
R411	18-CB0683-JN1	RES. C.F. 68K OHM 1/4W +/-5%
R345	18-CB0822-JN1	RES. C.F. 82K OHM 1/4W +/-5%
R317	18-CB0823-JN1	RES. C.F. 82K OHM 1/4W +/-5%
R342	18-CB0743-JN1	RES. C.F. 47K OHM 1/2W +/-5%
R340	18-CB0743-JN1	RES. C.F. 47K OHM 1/2W +/-5%
R308	18-CE0512-JN1	RES. C.F. 5.1K OHM 1/2W +/-5%
R318	18-CE0512-JN1	RES. C.F. 5.1K OHM 1/2W +/-5%
R403	18-DF0109-JG1	RES. M.F. 1 OHM 1W +/-5%
R307	18-DF0109-JG1	RES. M.F. 1 OHM 1W +/-5%
R410	18-DF0109-JG1	RES. FUS 1 OHM 1W +/-5%
R412	18-DF0109-JG1	RES. FUS 1 OHM 1W +/-5%
R417	18-DF0109-JG1	RES. FUS 1 OHM 1W +/-5%
R415	18-DF0109-JG1	RES. M.O. 10K OHM 1/2W +/-5%
R311	18-DF0103-JX1	RES. M.O. 10K OHM 1/2W +/-5%
R310	18-DF0122-JX1	RES. M.O. 12K OHM 1/2W +/-5%
R322	18-DF0122-JX1	RES. M.O. 12K OHM 1/2W +/-5%
R405	18-DF0611-JX1	RES. M.O. 620 OHM 1/2W +/-5%
R406	18-DF0621-JX1	RES. M.O. 57K OHM 1/2W +/-5%
R409	18-DF0272-JX1	RES. M.O. 27K OHM 1/2W +/-5%
R409	18-DF0272-JX1	RES. M.O. 27K OHM 1/2W +/-5%
R313	18-DF0621-JX1	RES. M.O. 620 OHM 1/2W +/-5%
R301	18-DF0100-JH1	RES. M.O. 10 OHM 1W +/-5%
R401	18-DF0102-JH1	RES. M.O. 10 OHM 1W +/-5%
R323	18-DF0228-JG1	RES. M.O. 2.2 OHM 1W +/-5%
R604	18-FF0229-JG1	RES. M.O. 2.2 OHM 1W +/-5%
R327	18-FF0330-JB1	RES. M.O. 330 OHM 1W +/-5%
R312	18-FF0331-JG1	RES. M.O. 330 OHM 1W +/-5%
R332	18-FF0338-JB1	RES. M.O. 0.33 OHM 1W +/-5%
R306	18-FF0479-JG1	RES. M.O. 47 OHM 2W +/-5%
R321	18-FF0380-JH1	RES. M.O. 39 OHM 2W +/-5%
R404	18-FF0242-JH1	RES. M.O. 2.4 OHM 3W +/-5%
R407	18-FL0162-JL1	RES. M.O. 1.6K OHM 3W +/-5%
R302	18-GM0339-KT1	RES. CEMENT 33 OHM 7W +/-10%
VR301	20-141631-502	TRIMMER BSK VTYPE
VR302	20-202960-502	TRIMMER BSK HORIZ TYPE
VR101	20-202960-502	TRIMMER BSK HORIZ TYPE
RTB01	22-202963-602	POSISTOR PTH451 C302B36GN6270
R385	25-BB471-M11	CAP. ELEC 470 UF 10V +/-20%
R384	25-BB471-M11	CAP. ELEC 470 UF 10V +/-20%
C811	25-BCA222-M11	CAP. ELEC 220 UF 16V +/-20%
C418	25-BCB103-M11	CAP. ELEC 10 UF 16V +/-20%
C135	25-BCB103-M11	CAP. ELEC 10 UF 16V +/-20%
C136	25-BCB103-M11	CAP. ELEC 10 UF 16V +/-20%
C123	25-BCB470-M11	CAP. ELEC 47 UF 16V +/-20%
C128	25-BCB470-M11	CAP. ELEC 47 UF 16V +/-20%
C323	25-ED3471-M11	CAP. ELEC 470 UF 25V +/-20%
C417	25-ED4471-M11	CAP. ELEC 470 UF 25V +/-20%
R335	25-B0G102-M11	CAP. ELEC 1000 UF 25V +/-20%
C306	25-B0G222-M11	CAP. ELEC 220 UF 25V +/-20%
C315	25-BE2103-M11	CAP. ELEC 100 UF 35V +/-20%
C336	25-BE2103-M11	CAP. ELEC 100 UF 35V +/-20%
C303	25-BE2103-M11	CAP. ELEC 100 UF 35V +/-20%
C302	25-BE2228-M31	CAP. TAN 0.02 UHF 35V +/-20%
C307	25-BEG102-M11	CAP. ELEC 1000 UF 35V +/-20%

SCHEMATIC	NO.	PART #	DESCRIPTION
	C461	25-BE2102-M11	CAP. ELEC 1000 UF 35V +/-20%
	C462	25-BFA220-M11	CAP. ELEC 22 UF 50V +/-20%
	C113	25-BFA220-K1A	CAP. ELEC 2.2UF 50V 10% CEC-K
	C812	25-BF8109-M11	CAP. ELEC 1.2UF 50V +/-20%
	C817	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C818	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C250	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C251	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C130	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C131	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C132	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C040	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C137	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C253	25-BF8229-M11	CAP. ELEC 2.2 UF 50V +/-20%
	C114	25-BF8478-M11	CAP. ELEC 0.47 UF 50V +/-20%
	C119	25-BF8478-M11	CAP. ELEC 0.47 UF 50V +/-20%
	C124	25-BF8478-M11	CAP. ELEC 0.47 UF 50V +/-20%
	C315	25-BF8478-M11	CAP. ELEC 0.47 UF 50V +/-20%
	C307	25-BF8479-M11	CAP. ELEC 4.7 UF 50V +/-20%
	C829	25-BF8479-M11	CAP. ELEC 4.7 UF 50V +/-20%
	C821	25-BGA220-M1P	CAP. ELEC 22 UF 63V +/-20%
	C415	25-BLA109-M11	CAP. ELEC 100 UF 160V +/-20%
	C405	25-BLG101-M11	CAP. ELEC 100 UF 160V +/-20%
	C830	25-BLG101-M11	CAP. ELEC 100 UF 250V +/-20%
	C412	25-BLA122-M11	CAP. ELEC 220 UF 400V +/-20%
	C805	25-BLA122-M11	CAP. ELEC 220 UF 400V +/-20%
	C482	26-ABA471-ZF1	CAP. CER 100 PF 50V +/-5% SL
	C011	26-ABC101-JZ1	CAP. CER 100 PF 50V +/-5% SL
	C414	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C108	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C112	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C110	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C403	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C856	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C117	26-ABC102-ZF1	CAP. CER IN 50V 480-20% F
	C252	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C843	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C846	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C839	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C102	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C101	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C101	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C109	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C106	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C100	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C115	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C121	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C103	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C127	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C001	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C002	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C100	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C129	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C006	26-ABC103-ZF1	CAP. CER 0.01 UF 50V 80-20% F
	C334	26-ABC104-ZF1	CAP. CER 0.1UF 50V 480-20% F
	C838	26-ABC104-ZF1	CAP. CER 0.1UF 50V 480-20% F
	C814	26-ABC104-ZF1	CAP. CER 0.1UF 50V 480-20% F
	C015	26-ABC104-ZF1	CAP. CER 0.1UF 50V 480-20% F
	C304	26-ABC104-ZF1	CAP. CER 0.1UF 50V 480-20% F
	C120	26-ABC150-ZF1	CAP. CER 15 PF 50V +/-5% SL
	C005	26-ABC203-ZF1	CAP. CER 200 PF 50V +/-5% SL
	C009	26-ABC223-ZF1	CAP. CER 220 PF 50V +/-5% SL
	C837	26-ABC223-ZF1	CAP. CER 220 PF 50V +/-5% SL
	C842	26-ABC230-ZF1	CAP. CER 47 PF 50V +/-5% SL
	C126	26-ABC470-ZF1	CAP. CER 47 PF 50V +/-5% SL
	C000	26-ABC470-ZF1	CAP. CER 0.047 UF 50V +/-5% SL
	C044	26-ABC473-ZF1	CAP. CER 0.047 UF 50V +/-5% SL
	C854	26-ABC681-KB1	CAP. CER 680 PF 50V +/-10% B
	C818	26-ABC681-KB1	CAP. CER 680 PF 50V +/-10% B
	C832	26-AC221-KB1	CAP. CER 220 PF 500V +/-10% B
	C416	26-AC221-KB1	CAP. CER 220 PF 500V +/-10% B
	C413	26-AC221-KB1	CAP. CER 220 PF 500V +/-10

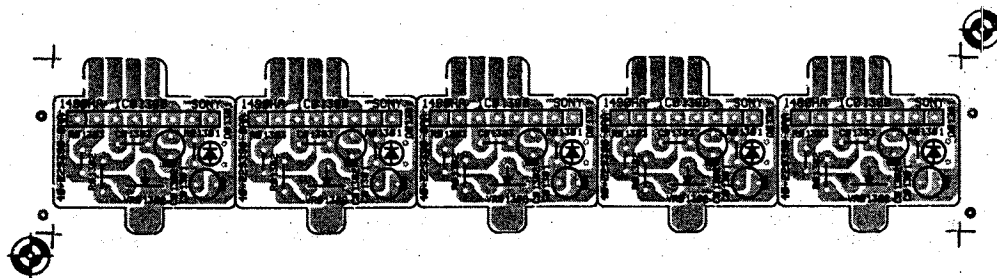
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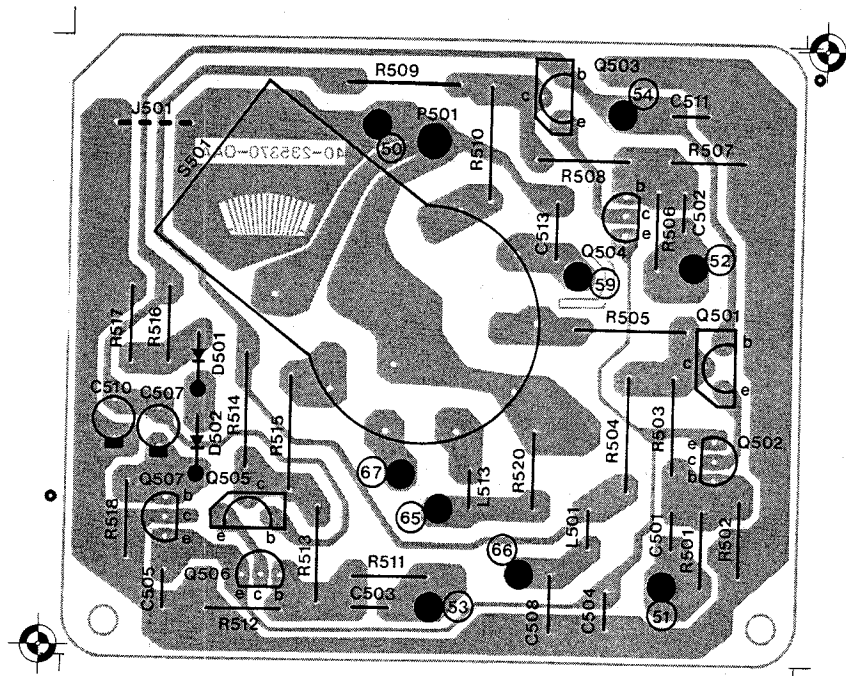
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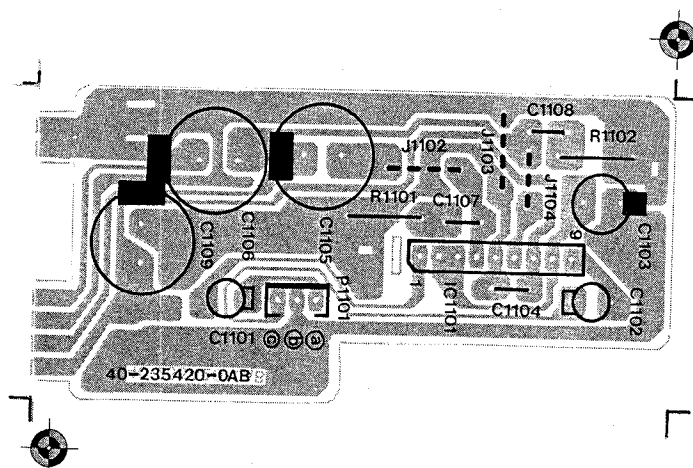
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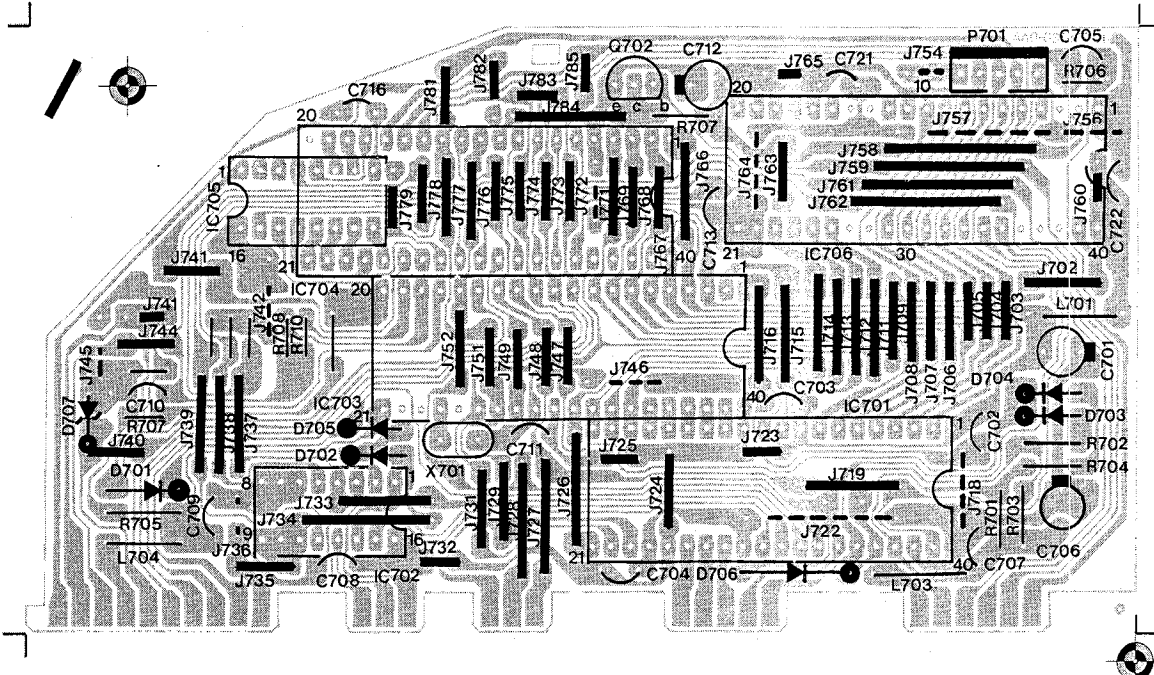
IR PRE-AMP BOARD



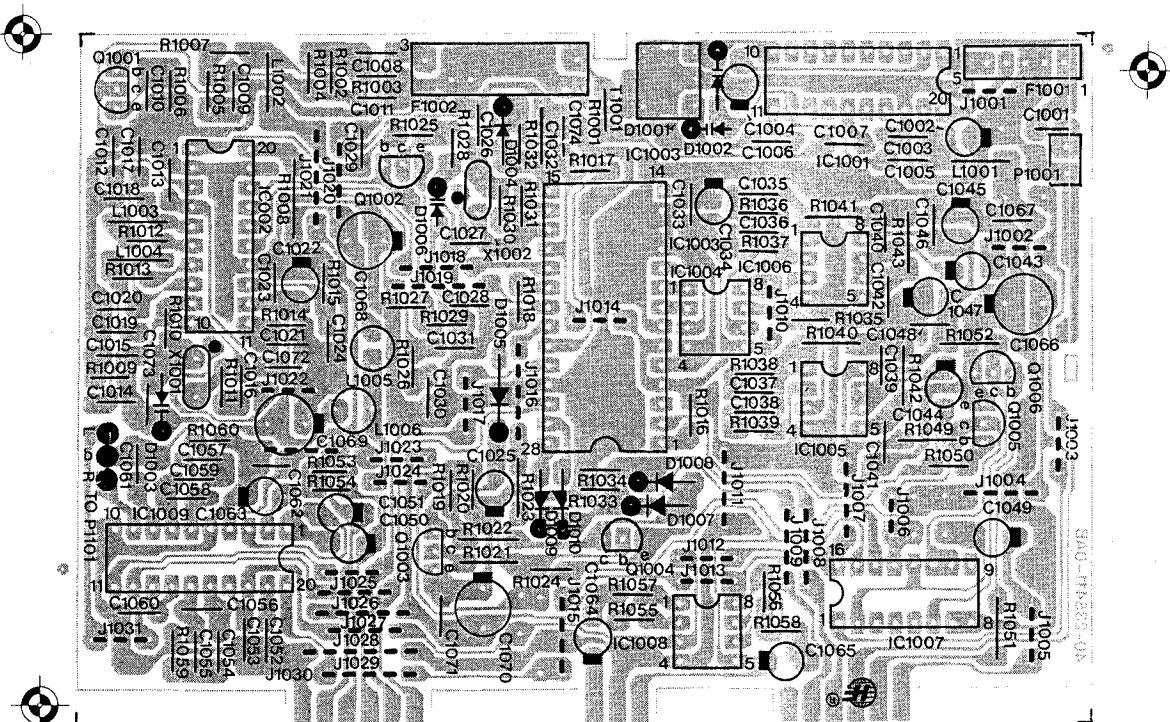
CRT BOARD CX25, CX26



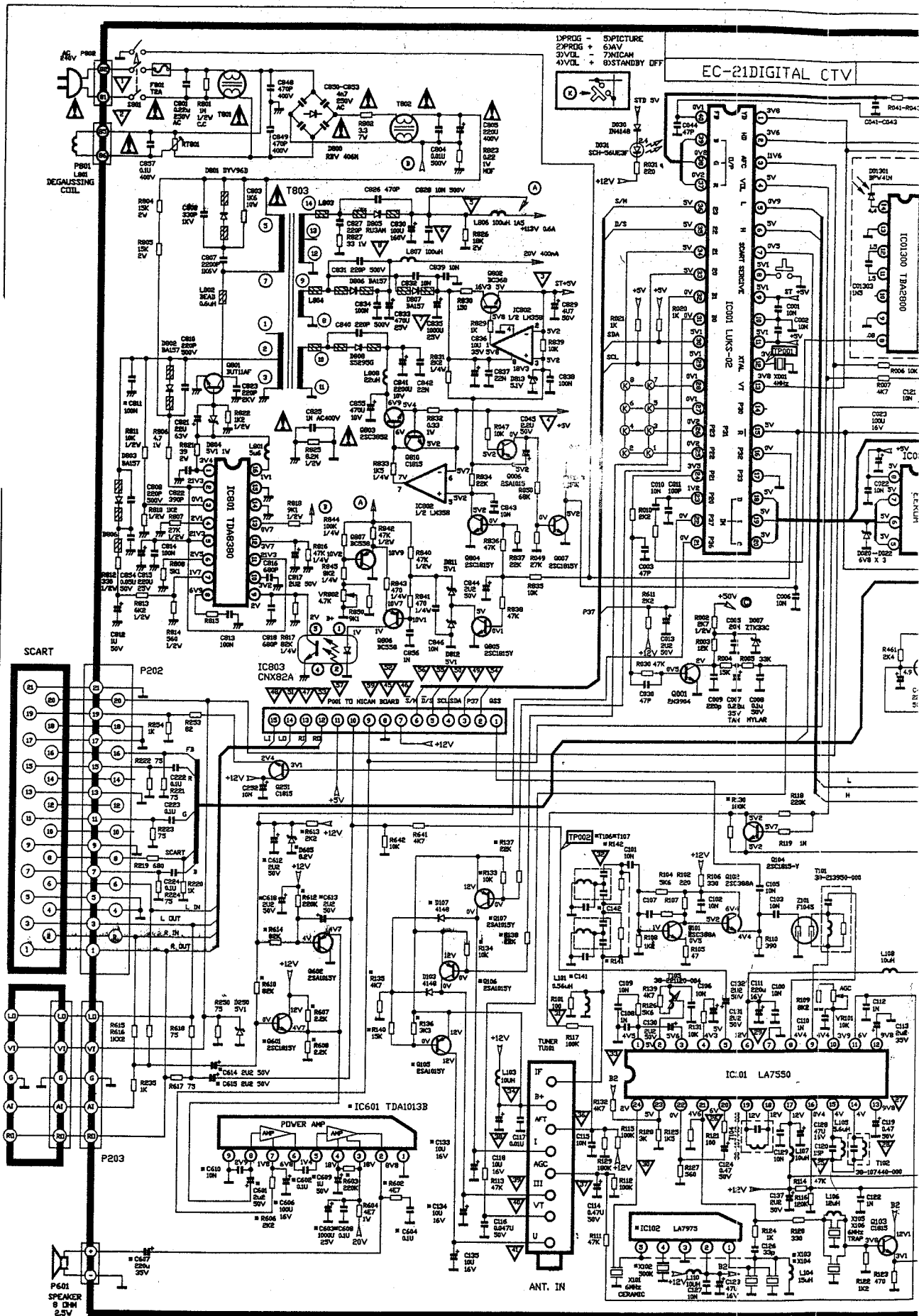
AUDIO BOARD CX26



DIGITAL PROCESSING BOARD CX25, CX26



NICAM BOARD CX26



1PREG - 5PICTURE
2PREG - 6VAV
3VAV - 7VAV
4VAV - 8VAV
5VAV - 9VAV

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