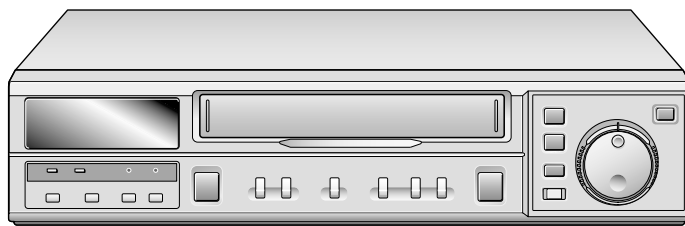




SERVICE MANUAL

Real Time Video Cassette Recorder



SRT-8960P

(Product Code : 175 700 72)
(Europe)

SRT-8960P

(Product Code : 175 700 88)
(U.K.)

SRT-8040P

(Product Code : 175 700 73)
(Europe)

SRT-8040P

(Product Code : 175 700 89)
(U.K.)

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Please see other materials with Reference number given in table below.

Materials	Model No.	Reference No.
Mechanism Manual	VP-R/VP-N Mechanism	MM5310380

PRODUCT SAFETY NOTICE

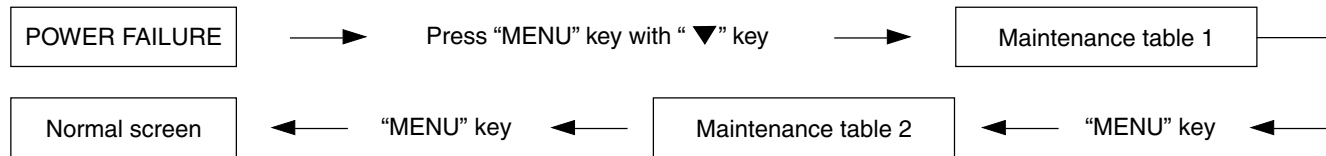
The components designated by a symbol ($\triangle$) in this schematic diagram designates components whose value are of special significance to product safety. Should any component designated by a symbol need to be replaced, use only the part designated in the parts List. Do not deviate from the resistance, wattage, and voltage ratings shown.

- NOTE: 1. Parts order must contain model number, part number, and description.
2. Substitute parts may be supplied as the service parts.
3. N.S.P. : Not available as service parts.

Design and specifications are subject to change without notice.

MAINTENANCE TABLE ON THE MONITOR SCREEN

To display the maintenance table, press "MENU" key with "▼" key while the fourth MENU <POWER FAILURE> is displayed.



Maintenance table 1

The used time of each mode (part) is displayed, and can be reset by items.

Access the maintenance-screen according to the above, and then Fig. below is displayed.

Move the blinking to the item to be reset with JOG dial and press the "MENU RESET" key, and then the used time for the item will be reset.

MAINTENANCE TABLE 1

< USED TIME / ALARM >

VIDEO 0 0 0 0 0 H

POWER 0 0 0 0 0 H

ALARM 0 0 0 0 0 0

VIDEO: Used time of the video head (cylinder) total hours.

Note : Reset when the cylinder is replaced.

POWER: Hours of the power supply being.

ALARM: Number of ALARM REC.

Note: The data for the maintenance tables are memoried in E² PROM, and the memory can be kept if the timer microcomputer is reset.

Maintenance table 2

As shown in Fig. below Maintenance Table 2, <ERROR> is displayed on the screen.

MAINTENANCE TABLE 2

<ERROR>

1 31 - 12 - 02 E01 08

2 ----- - - - -

3 ----- - - - -

4 ----- - - - -

5 ----- - - - -

6 ----- - - - -

7 ----- - - - -

8 ----- - - - -

When the "MENU RESET" key is pressed during display and resetting all data.

<ERROR> : The newest data is displayed in the first line, and the old ones are moved down one by one. Not-displayed old data is cleared automatically.

Error Codes (Self-Diagnosis Contents)

No.	Problem	Mechanism Operations and State After Occurrence
E01	The cylinder does not rotate. The tape winds around the cylinder.	Shift to the STOP mode. Unload forcibly.
E02	The take-up reel does not rotate.	Shift to the STOP mode.
E03	The capstan motor does not rotate.	Shift to the STOP mode.
E04	The tape can not be loaded. (But unloading can be performed.)	Unload, shift to the ST-BY mode, and the power goes off.
E05	The tape can be loaded with the cassette inserted. But unloading can not be performed or the loading and unloading cannot be performed with the cassette inserted. (The tape guide is caught.)	The power is forcibly turned off with the mechanism at its current position.
E06	Front unloading cannot be performed when ejecting the cassette. (Front loading can be performed.)	Front loading, shift to the STOP mode or ST-BY mode.
E07	Front loading and front unloading cannot be performed when ejecting the cassette. (The cassette is caught in the mechanism front.)	The power is forcibly turned off with the mechanism at its current position.
E09	The mechanism becomes 7 (INITIAL) while moving from 1 (BRAKE), 2 (STOP), 3 (PLAY), 4 (STILL/ SLOW), and to 5 (REVERSE FRAME ADVANCE). (The mechanism mode switch is faulty.)	Carry out the tape take-up operations, and shift to STOP mode.
E10	The capstan motor does not rotate, or the capstan motor and the cylinder motor does not rotate with the cassette inserted.	Shift to the EJECT mode.
E11	The cylinder motor does not rotate with the cassette inserted.	Shift to the EJECT mode.
E12	The supply reel does the tape eject when tape unloading.	Shift to the EJECT mode.
E13	The tape cannot be loaded with the cassette inserted.	Shift to the EJECT mode.
E14	The tape cannot be loaded normally.	Shift to the EJECT mode.
E15	The mechanism does not move to the correct position after tape loading.	The power is forcibly turned off with the mechanism at its current position.
E16	Mechanism position "3" cannot be used during intermittent recording.	Shift to the STOP mode.

Mechanism Mode Display Contents

Mode. No.	Mechanism mode	Mode. No.	Mechanism mode	Mode. No.	Mechanism mode
00	CASSETTE OUT	09	REC	32	INTERMITTENT REC
01	STAND-BY	12	CUE	33	REVERSE STILL
02	STOP	13	REVIEW		
03	STILL	14	FAST FORWARD		
04	REC-PAUSE	15	REWIND		
06	FRAME ADVANCE	30	REVERSE PLAY		
08	PLAY	31	REVERSE FRAME ADVANCE		

Maintenance Table

○ : Cleaning ◎ : Confirmation △ : Lubrication □ : Exchange

		2000H	4000H	6000H	8000H	Notes
Tape path system	ASSY, BRAKE BAND	◎	□	◎	□	
	ASSY, LEVER BT (tape guide)	○	○	○	○	
	FULL ERASE HEAD	○	○	○	□	
	ASSY, ROLLER CLEANER	◎	□	◎	□	
	ASSY, GUIDE ROLLER	○	○	○	○	
	ASSY, MOUNTING INCLNE S	○	○	○	□	
	ASSY, MOUNTING INCLNE T	○	○	○	□	
	ACE HEAD	○	○	○	□	
	ASSY, LEVER PINCH ROLLER	○	□	○	□	
	MOUNTING, LIFT PINCH				□	
	CAM, LIFT PINCH				□	
	GEAR, CAM PINCH				□	
	EARTH CHIP CYLINDER				□	
	COMPL, CYLINDER	○	○□	○	○□	
	ASSY, CYLINDER UPPER	○□	○□	○□	○□	
Reel drive system	ASSY, REEL SUPPLY	○△	○△	○△	○△	
	ASSY, REEL TAKEUP	○△	○△	○△	○△	
	GEAR, REEL S	△	△	△	△	
	GEAR, REEL T	△	△	△	△	
	PULLEY, REEL	△	△	△	△	
	SPECIAL, WASHER 2.4 X 6 X 0.25		◎		◎	
	COMPL, MOUNTING CLUTCH	△	□	△	□	
	BELT, REEL	◎	□		□	
	MOTOR, CAPSTAN	○	◎□	◎□	□	
	ASSY, GEAR FRICTION	△	△□	△	△□	
Brake	ASSY, BRAKE S	◎	◎	◎	◎	
	ASSY, BRAKE T	◎	◎	◎	◎	
	ASSY, BRAKE CAPSTAN	◎	◎	◎	◎	
	ASSY, BRAKE SOFT T		◎		□	
Loading drive system	ASSY, LOADING MOTOR		◎		□	
	DAMPER				□	
	COMPL, GEAR WORM		◎		□	
	CAM, MAIN				□	
	SPECIAL WASHER 3.6 X 0.5		◎		□	
	GEAR, WHEEL 1				□	
	GEAR, WHEEL 2		◎		□	
	SLIDE, CRECENT		◎		□	
	GEAR, LOAD S		◎		□	
	GEAR, RACK FRONT		◎		□	
Performance check	GEAR, RACK START		◎		□	
	GEAR, PINON		◎		□	
	BACK TENSION TORQUE	◎	◎	◎	◎	PB BACK TENSION TORQUE 25 ~ 50 g · cm
	FWD, REW TORQUE	◎	◎	◎	◎	FWD, REW TORQUE ≥ 600 g · cm
	PLAY TORQUE	◎	◎	◎	◎	PLAY 55 ~ 110 g · cm
	REV TORQUE	◎	◎	◎	◎	REV 100 ~ 210 g · cm

1. This table shows the maintenance for up to 8000 hours. After this, repeat from the start or the table.
2. For places with symbols such as ◎ (□) and ○ (□), carry out checking and cleaning, and replace if necessary.
3. This periodic maintenance check table changes considerably according to the using conditions and environment.
4. Refer to the (POWER FAILURE/DEW/USED TIME) menu for the length of time the unit has been used.
5. As the life of parts may be shortened if foreign particles and dusts remain accumulated on the tape guides and rotating and contacting portions, clean if dirty.
6. Dusts and other foreign particles on the tape guides may also shorten the tape life and lower picture quality, therefore clean thoroughly.

1. DISASSEMBLY

1-1. REMOVAL OF CABINET, MECHANISM UNIT, AND MAIN BOARD

REMOVING THE CABINET PARTS (Fig. 1-1-1)

1. Remove the cabinet and bottom cover by removing the four screws (1) and five screws (2).
2. Remove the front panel by removing the locks of the clamps (A) using a screwdriver, etc. and slightly rotating the bottom part in the direction of the arrow.

Notes:

- Electrical adjustments for this model can be performed with only the cabinet removed.
- When replacing the bottom cover, do not tighten the screws (2) too much. Excess tightness may damage the screws taps on the chassis.

REMOVING THE MECHANISM MAIN UNIT AND THE CP-1 PWB ASSEMBLY (Fig. 1-1-2 and 1-1-3)

1. Spread out the lock clamps (B) and (C) in the arrow direction slightly and remove the TM-1 PWB and TM-2 PWB as shown in Fig. 1-1-2.
2. Remove the screws (3) and (4) and (5) at the chassis.
3. Remove the screw (6) at the PW-1 PWB.
4. Remove the two screws (7) at the CP-1 board.
4. Remove the two screws (8) of the mechanism unit. The two screws (8) of the cassette tray can be removed easily by pushing the tray lock lever in the arrow direction to remove the lock as shown in the enlarge view A and by pushing the lid opener lever in the arrow direction to remove the lock as shown in the enlarge view B.
5. Lift up the whole mechanism unit and main board (CP-1 PWB assembly), and as shown in Fig. 1-1-3, push the two lock clamps (D) of the chassis in the arrow direction so that they can be removed from the chassis.

M-RQ4Q/EX-1

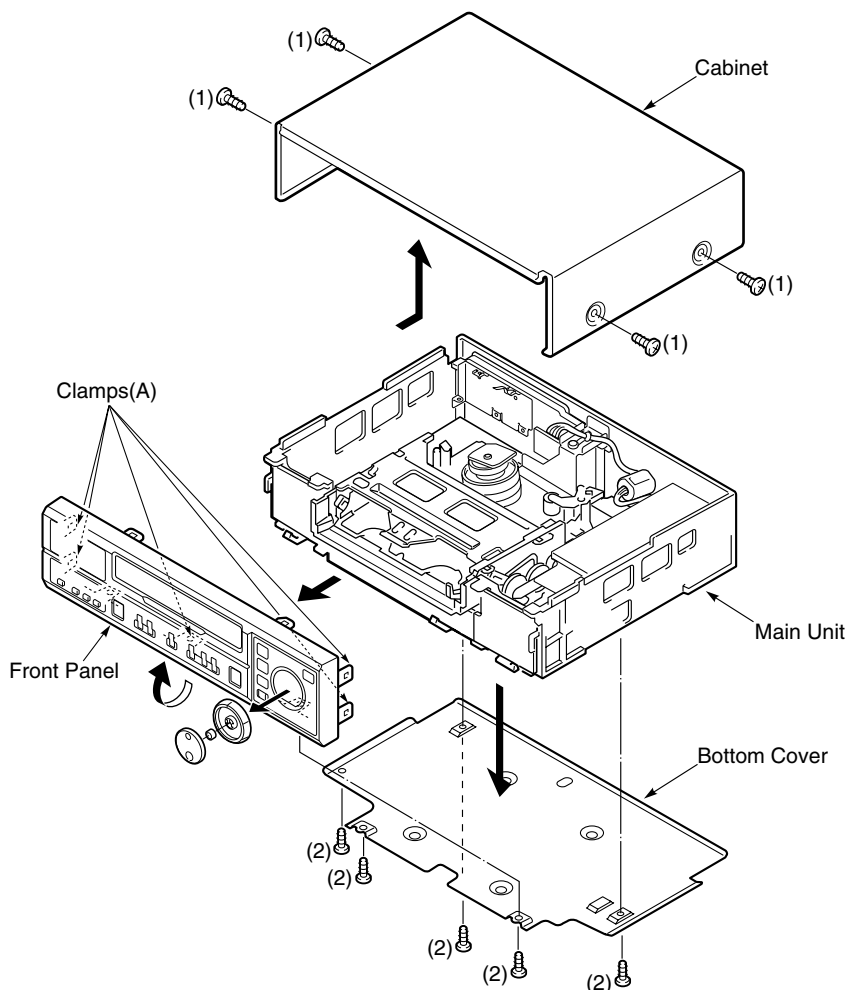


Fig. 1-1-1

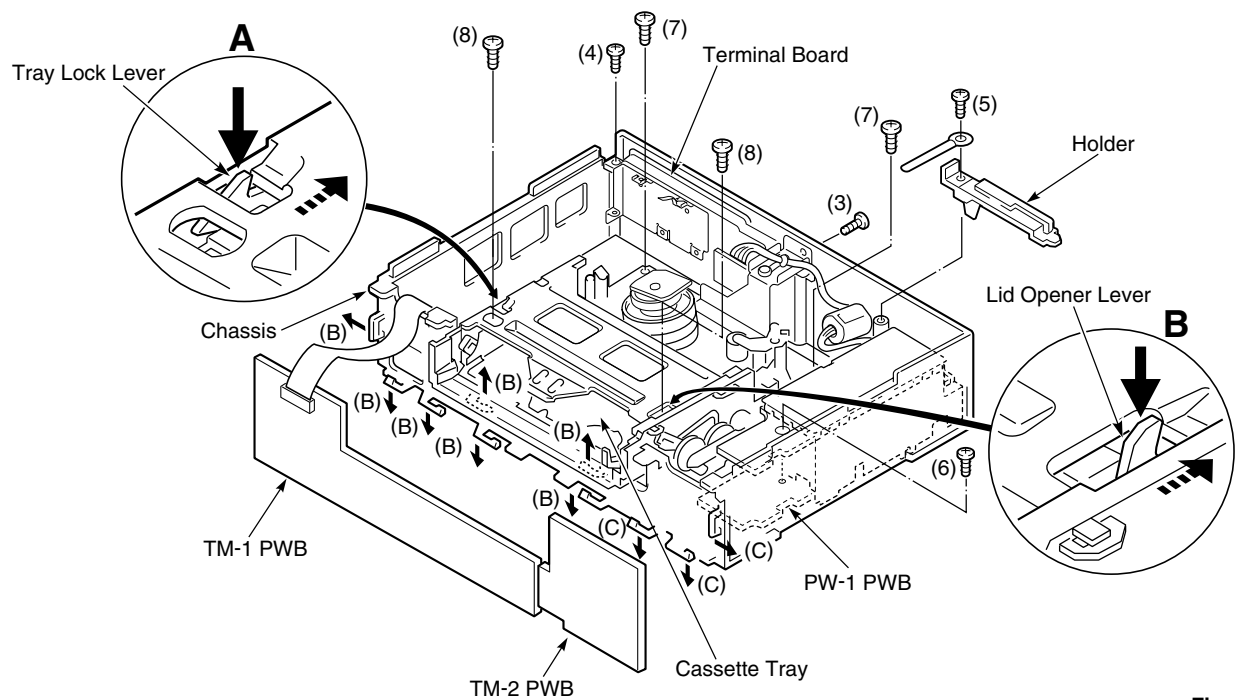


Fig. 1-1-2

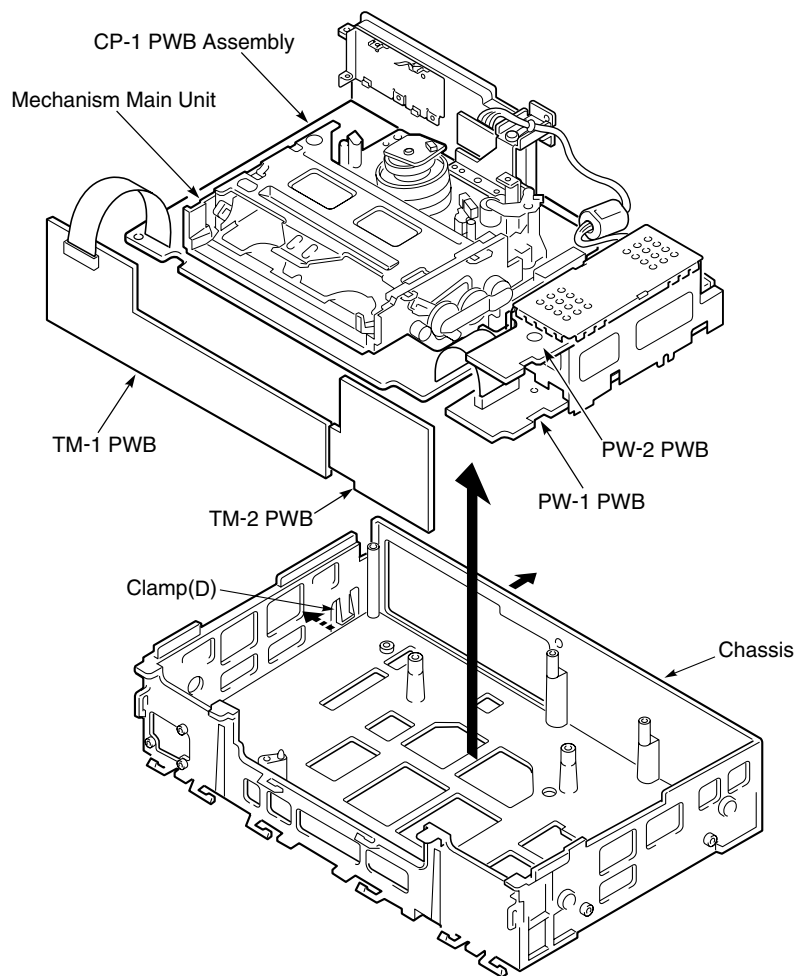
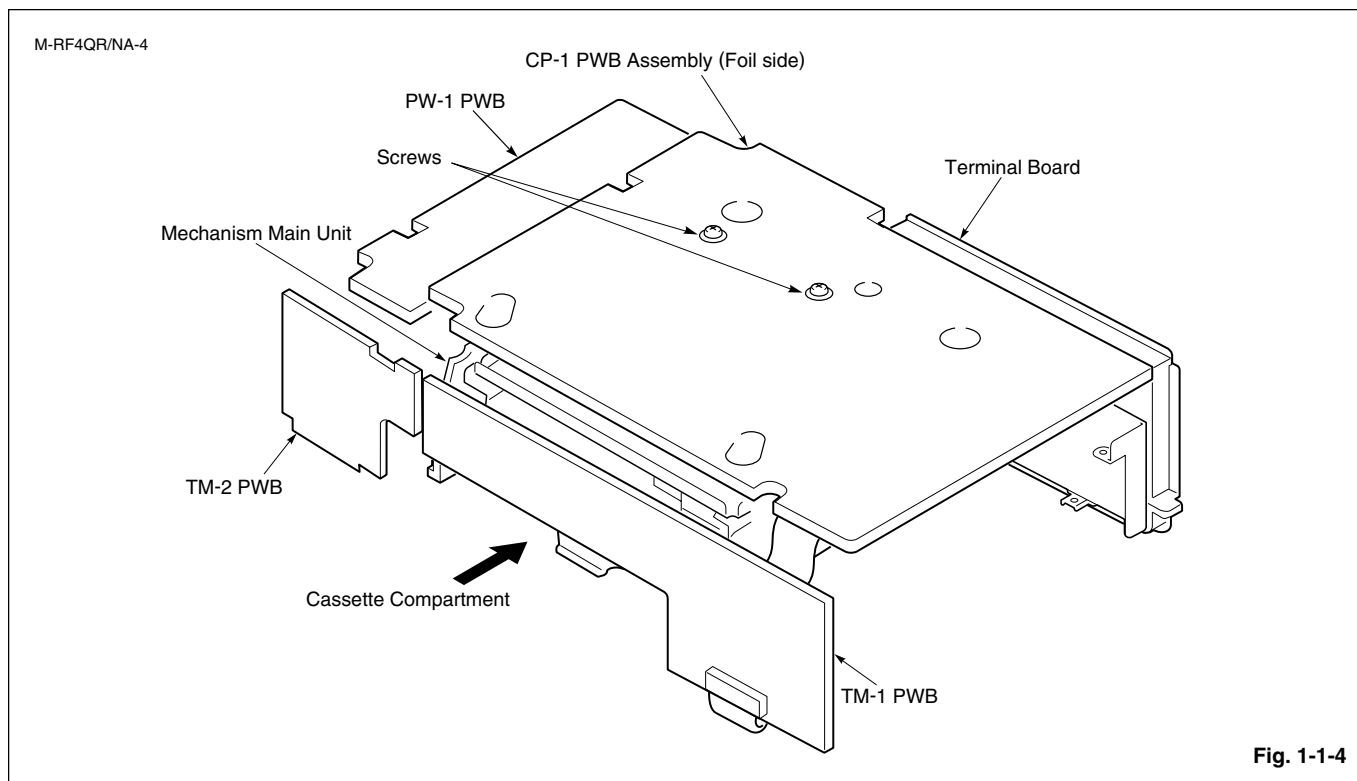


Fig. 1-1-3

1-2. TEMPORARILY SETTING UP AND CONNECTING CP-1 PWB ASSEMBLY

The following is an example of how to place and connect the main board without a jig, when repairing the CP-1 PWB assembly.

1. Place the mechanism unit and main board up side down as a whole on a flat surface with foil side of the main board facing up.
2. Operate the unit using the buttons on CP-1 PWB or the remote control.

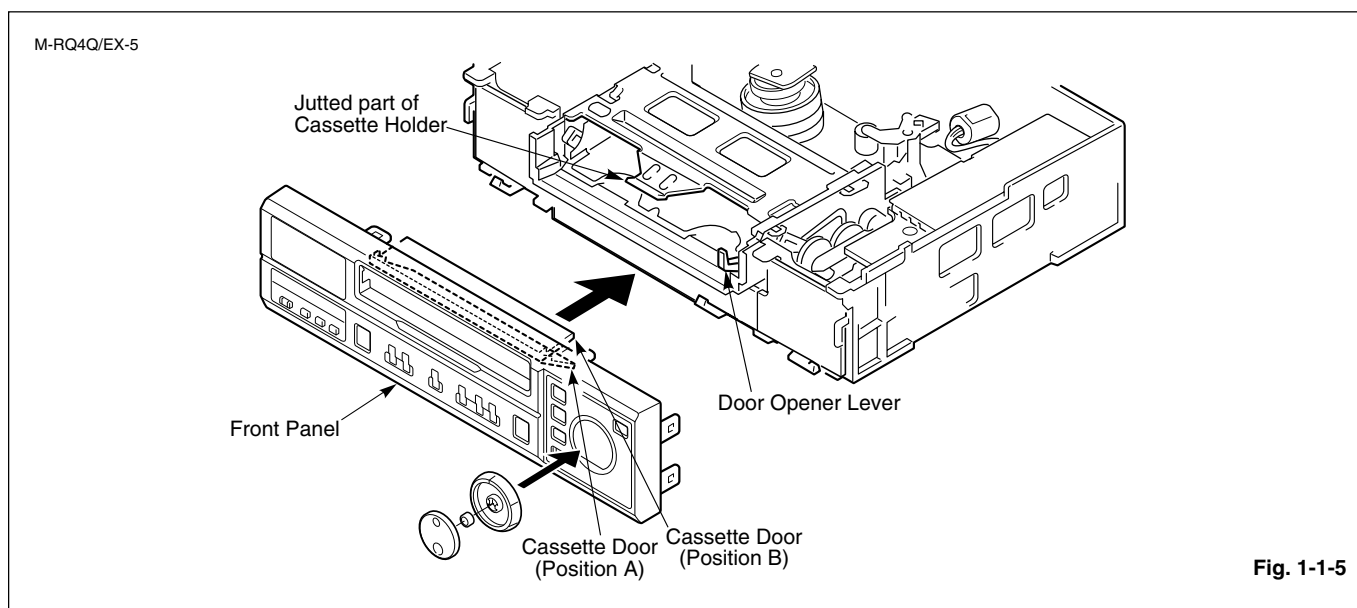


1-3. INSTALLATION OF THE FRONT PANEL

When installing the front panel to the chassis after repairs and adjustments.

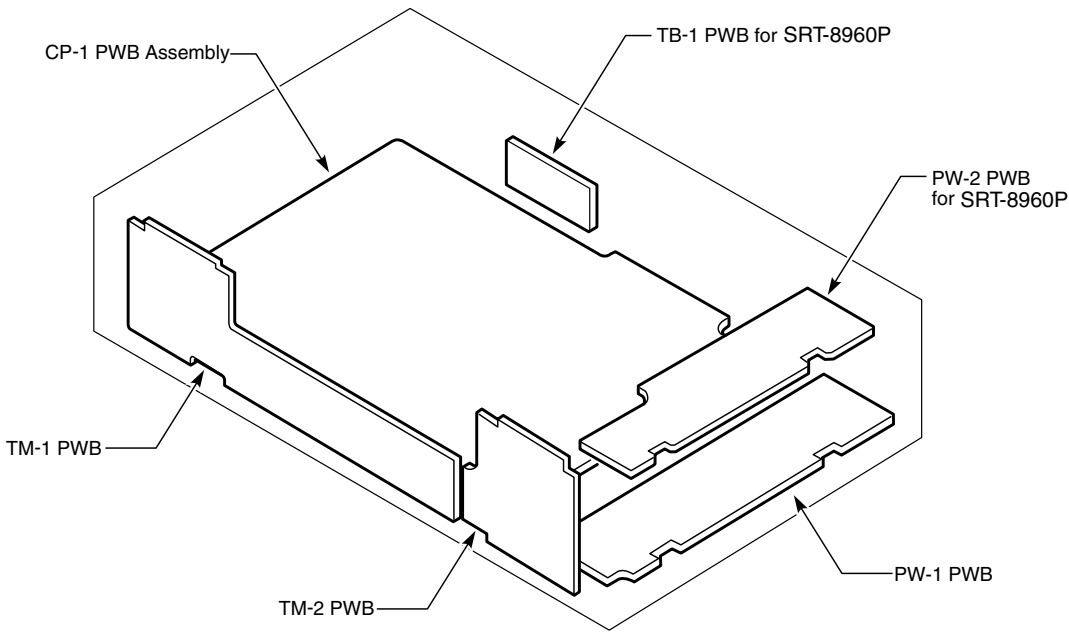
1. Pressing down the door opener lever of the mechanism main unit.
2. Set the cassette door to half-opened state as shown in Fig. 1-1-5, and install the front panel to the chassis.

Note: Opened cassette door position does not install the front panel to the chassis.



1-4. CIRCUIT BOARD LOCATIONS

L-RQ4Q/EX



2. ELECTRICAL ADJUSTMENT

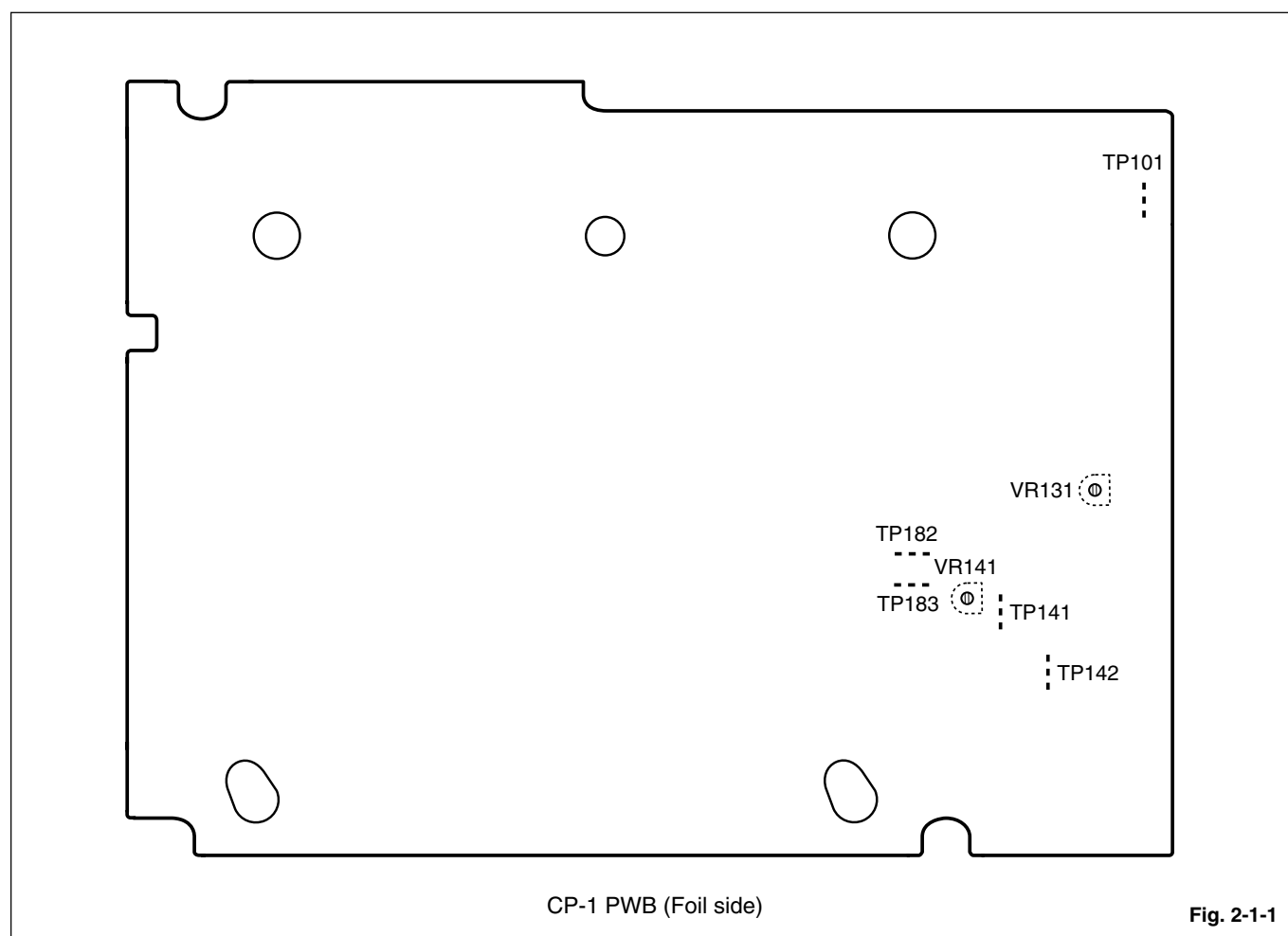
2-1. SERVO CIRCUIT ADJUSTMENT

- These adjustments should be carried out upon completion of the tape transport adjustments.
- If the tape transport adjustments (except the tilt adjustment) are done after these adjustments, follow the procedures again in section 2-1-3. "SWITCHING POSITION ADJ."
- When a cassette tape is loaded, auto-tracking will be set immediately after starting the first playback. As this will deviate the tracking center set, be sure to tracking center position after starting playback to prevent auto-tracking from being set.

2-1-1. TEST EQUIPMENT AND STANDARDS REQUIRED

Color Bar Signal Generator	PAL color bar signal with 100% white level (color bar signal)
Oscilloscope	Vertical sensitivity : 5 mV/DIV, external trigger Bandwidth : more than 10 MHz
Alignment Tape	VHJ-0052 : LP mode, monoscope, 3 kHz
Blank Tape	VHS cassette tape
Monitor TV	

2-1-2. LOCATION OF ADJUSTMENT POINTS



Notes :

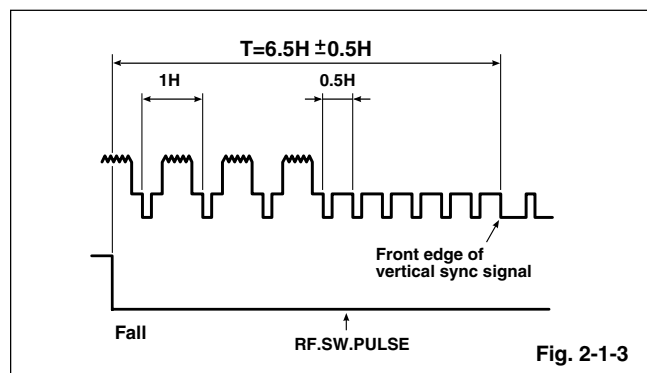
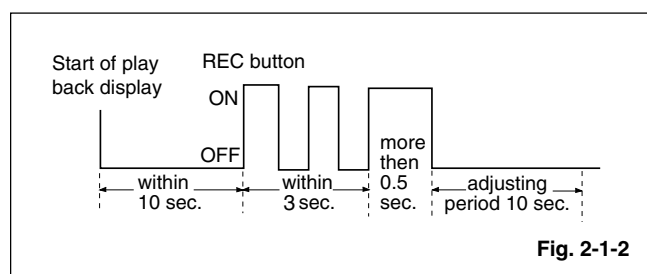
- Set the REC/PLAY SPEED button to indicator panel to the 8 H (8 hours) mode.
- Self-recoding means “Record any broadcasting or video signal and play back the just-recorded portion”.

2-1-3. SWITCHING POSITION ADJ.

Measuring Point	Measuring Equipment	Adj. Condition
TP101(VIDEO OUT terminal) TP183 (SW-P)	Oscilloscope	PLAY (8H) mode Alignment tape VHJ-0052
Adj. Condition		Adj. Condition
REC button, TRACKING buttons, EJECT button		$6.5 \text{ H} \pm 0.5 \text{ H}$

1. Play back the alignment tape. Press the TRACKING buttons (+) and (–) simultaneously. (TRACKING center position)
2. Press the REC button three times within 10 seconds after the display is shown. All three presses must be carried out within 3 seconds. For the third time, press the REC button more than 0.5 seconds as shown in Fig. 2-1-2.
3. The automatic adjustment mode is set, the numerals of Indicator display “P 0 : 00” changes automatically and the unit stops at the point the adjustment value becomes approx. 6.5 H.
4. In the same adjustment mode, trigger at the edge of the RF SW pulse, and check that the front edge of the V sync signal from the fall edge of the RF SW pulse is delayed by $6.5 \text{ H} \pm 0.5 \text{ H}$ as shown in Fig. 2-1-3. If it is not $6.5 \text{ H} \pm 0.5 \text{ H}$, manually perform fine adjustments for the TRACKING buttons (+) or (–) to satisfy the specification.
5. After completing adjustments, press the EJECT button (more than 1 second) and check the Indicator shows “P – –” at this time.

Note : Repeat steps 1 to 4 if the adjustment takes more then 20 seconds.



2-1-4. 24H PLAY TRACKING CONFIRM AND ADJ.

Measuring Point	Measuring Equipment	Adj. Condition
Picture of monitor TV	Color bar generator (Monoscope pattern signal) Monitor TV	Self-recording (8H) mode 24H PLAY mode Blank tape
Adj. Location		Adj. Value
TRACKING buttons REC button		—

1. Insert blank VHS cassette tape and record monoscope pattern on the 8H mode.
2. Play back the self-recorded tape and then set the VCR in the 24H mode.
3. Use the front tracking adjustment button to fine-tune to the optimum position so that the positions of noise on the monitor screen at the tracking center are vertically symmetrical. Then press the REC button more than 1 second to enter this position as the new tracking center. Then the indication changes to “P – –” for approximately 1 second.
4. If vertical shaking occurs at the tracking center, read just by pushing the TRACKING buttons (no more than 3 times), then enter this new tracking position as the tracking center.

2-1-5. F. SLOW TRACKING CONFIRM AND ADJ.

Measuring Point	Measuring Equipment	Adj. Condition
Picture of monitor TV	Color bar generator (Monoscope pattern signal), Monitor TV	Self-recording (8H) mode, PLAY mode, Blank tape
Adj. Location		Adj. Value
REC button, TRACKING buttons, EJECT button		—

1. Insert blank VHS cassette tape and record monoscope pattern on the 8H mode.
2. Play back the self-recorded tape and then set the VCR in the STILL mode.
3. Change to F. Slow play back mode by pressing REC button 3 times. These 3-push must be done within 3 seconds, and last push must be kept pressed for 0.5 seconds.
4. Set the tracking control position to the center by pressing TRACKING (+) and (–) buttons simultaneously, and confirm the absence of noise in the slow playback image on the monitor screen at this centered tracking position. Starting from this centered tracking position, push the (+) and (–) buttons and confirm that no noise appears before the fifth push in either direction.

If noise appears before the fifth push, fine-tune with the front tracking adjustment button so that no noise appears before the fifth push, then press the EJECT button to make this point the new tracking center. (When pressing the EJECT button to enter this new tracking center, the tracking should be displayed.)

The FLD counter readout changes to “P – –” for approximately 1 second in order to confirm that data has been entered.

2-2. VIDEO CIRCUIT ADJUSTMENT

Before making the following adjustments, complete the adjustments described in section 2-1. “Servo Circuit.”

2-2-1. TEST EQUIPMENT AND STANDARDS REQUIRED

Color Bar Signal Generator	PAL color bar signal with 100% white level, monoscope signal
Oscilloscope	Vertical sensitivity : 5 mV/DIV, external trigger Bandwidth : more than 10 MHz
Blank Tape	VHS cassette tape
Alignment tape	VHJ-0008 : SP mode, color bar, 1 kHz

Notes :

- Self-recording means “Record the video signal and play back the just-recorded portion.”

2-2-2. SKEW CORRECTION ADJ.

Measuring Point	Measuring Equipment	Adj. Condition
TP141, TP142	Alignment tape Oscilloscope	Alignment tape PLAYBACK mode
Adj. Location		Adj. Value
VR141		—

- Playback the alignment tape.
- Connect CH1 of the oscilloscope to TP141.
- Connect CH2 of the oscilloscope to TP142.
- Adjust VR141 so that the Y level of CH1 and CH2 becomes a minimum.

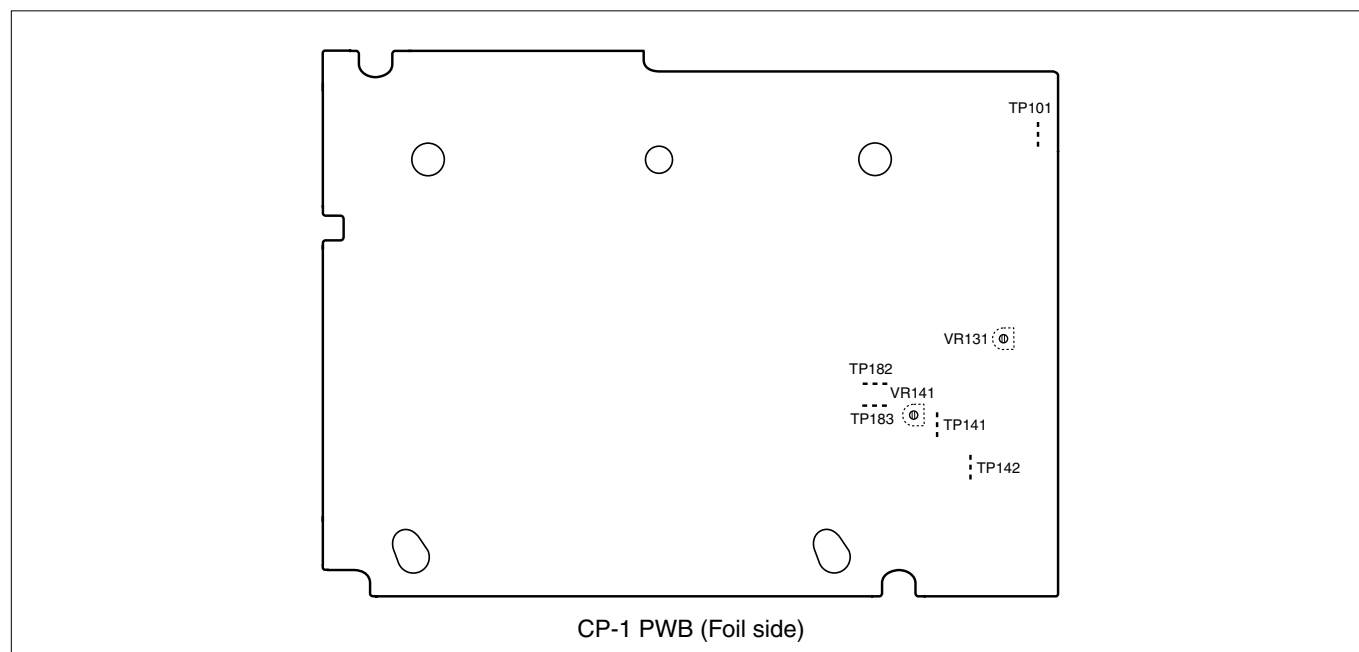
2-2-3. 2H DELAY LEVEL ADJ.

Measuring Point	Measuring Equipment	Adj. Condition
TP101 or VIDEO OUT	Oscilloscope Color bar generator	Self-recording (8H) mode STILL mode Blank tape
Adj. Location		Adj. Value
VR131 (2H-DL)		—

- Terminate TP101 (or VIDEO OUT) and ground with a 75 Ω resistor or connect the monitor TV to the VIDEO OUT terminal.
- Connect the color bar generator (monoscope signal) to the VIDEO IN terminal.
- Record the color bar signal on the blank tape.
- Play back of the just-recorded portion.
- Adjust VR131 (2H-DL) so that the luminance signal level of switching alternately becomes the same or no flicker by monitor TV.

3. TEST POINTS FOR TAPE PATH ADJUSTMENT

Test points TP182 (ENV) and TP183 (SW-P) for tape path adjustment are shown in figure below.



4. PARTS LIST

Destination

SRT-8960P : SRT-8960P (Europe)

SRT-8960P-UK : SRT-8960P (U.K.)

SRT-8040P : SRT-8040P (Europe)

SRT-8040P-UK : SRT-8040P (U.K.)

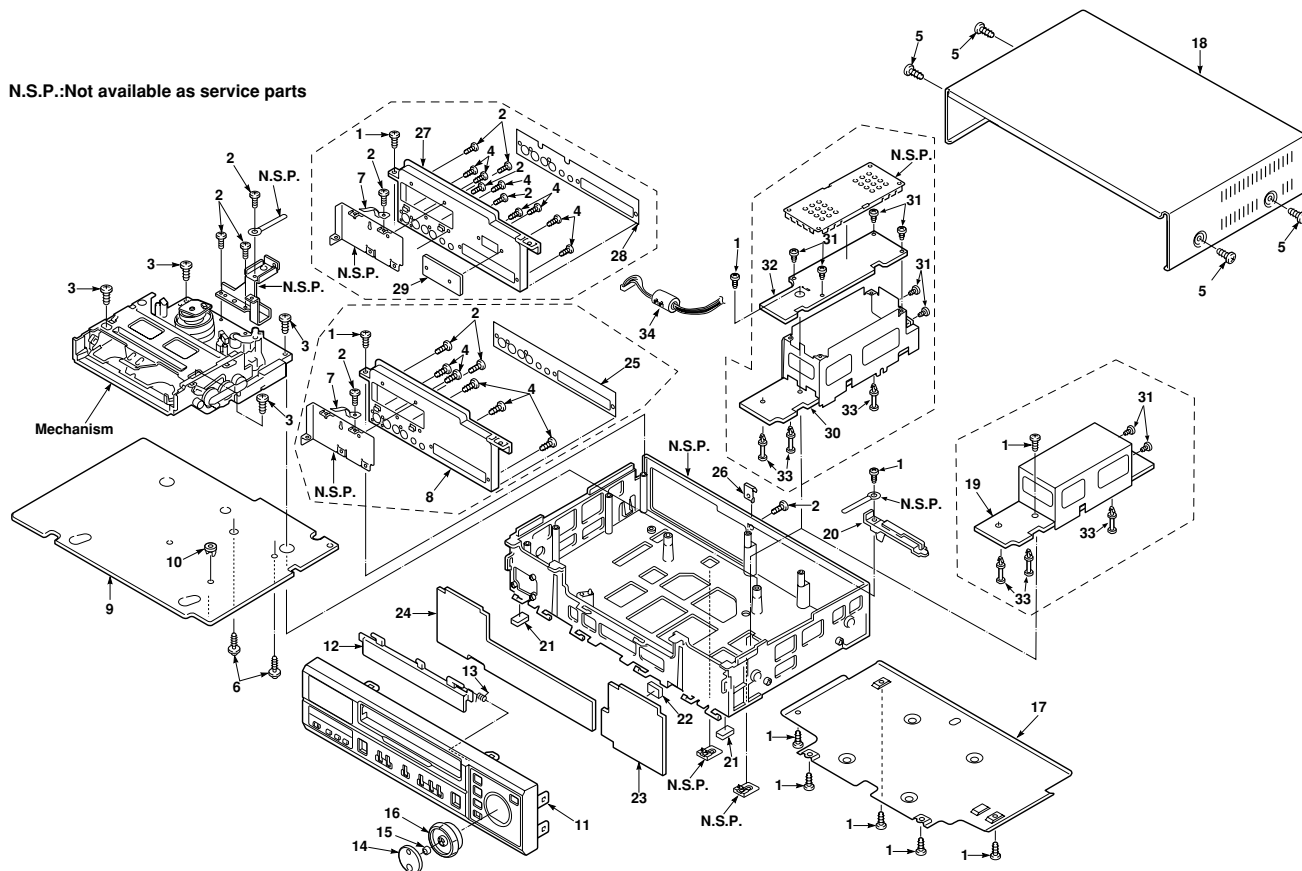
LOCATION	PARTS NO.	DESCRIPTION
ACCESSORIES & PACKING MATERIALS		
9170	613 197 8966	INSTRUCTION MANUAL
9205	△645 045 3533	CORD,POWER-1.8MK, SRT-8960P-UK,SRT-8040P-UK
9205	△645 009 0400	CORD,POWER-1.875MK,SRT-8960P,SRT-8040P
OR	△613 095 0550	CORD,POWER,SRT-8960P,SRT-8040P
9211	613 133 1907	HOLDER (CORD,POWER)
9001	613 197 8928	CARTON CASE,SRT-8960P ONLY
9001	613 198 2857	CARTON CASE,SRT-8040P ONLY
9001	613 198 8330	CARTON CASE,SRT-8960P-UK ONLY
9001	613 198 8347	CARTON CASE,SRT-8040P-UK ONLY
9002	613 196 6680	CUSHION, FRONT
9003	613 196 6697	CUSHION, BACK
9010	645 044 2797	POLY SHEET-0980X0570*NC

CABINET & CHASSIS PARTS

1	411 137 0007	SCR L-TPG BIN 3X10
2	411 001 1901	SCR S-TPG BIN 3X6
3	411 021 7907	SCR S-TPG BIN 4X12
4	411 021 3701	SCR S-TPG BIN 3X10
5	412 028 9406	SPECIAL SCREW
6	412 052 5108	SPECIAL SCREW-2.6X12
7	613 059 4099	SPRING PLATE (N.S.P.)
8	613 197 4852	TERMINAL(HB),SRT-8040P,SRT-8040P-UK
9	613 197 9413	COMPL PWB,CP-1-A,SRT-8960P,SRT-8960P-UK
9	613 198 3953	COMPL PWB,CP-1-A,SRT-8040P,SRT-8040P-UK
10	613 196 2866	SPACER,CAM OPT (80400)

LOCATION	PARTS NO.	DESCRIPTION
11	613 198 0341	ASSY,CABINET FRONT SJC
12	613 198 0372	DOOR CASSETTE,SRT-8960P,SRT-8960P-UK
12	613 198 2215	DOOR CASSETTE,SRT-8040P,SRT-8040P-UK
13	613 188 1617	SPRING
14	613 196 9308	KNOB
15	613 102 0207	HOLDER
16	613 196 9292	KNOB SHUTTLE
17	613 199 0579	COMPL,COVER BOTTOM
18	613 191 7798	COVER TOP
19	613 198 3205	COMPL PWB,PW-1,SRT-8040P,SRT-8040P-UK
20	613 168 2801	HOLDER,AC INLET
21	613 121 1001	STAND,FELT
22	613 172 3894	PAD
23	613 196 5775	COMPL PWB,TM-2
24	613 197 9161	COMPL PWB,TM-1,SRT-8960P,SRT-8960P-UK
24	613 198 3755	COMPL PWB,TM-1,SRT-8040P,SRT-8040P-UK
25	613 197 5613	DEC BACK(+DC,MIC),SRT-8960P,SRT-8960P-UK
26	613 187 8464	SPRING,PLATE (N.S.P.)
27	613 197 5668	TERMINAL(HB),SRT-8960P,SRT-8960P-UK
28	613 198 0952	DEC BACK,SRT-8040P,SRT-8040P-UK
29	613 196 5782	COMPL PWB,TB-1,SRT-8960P,SRT-8960P-UK
30	613 197 5699	COMPL PWB,PW-1,SRT-8960P,SRT-8960P-UK
31	411 021 6405	SCR S-TPG BIN 3X8 (Included in the COMPL,PWB PW-1)
32	613 198 0587	COMPL PWB,PW-2,SRT-8960P,SRT-8960P-UK
33	613 104 2926	HOLDER, FOR.PW1 (Included in the COMPL,PWB PW-1)
34	645 023 4958	CORE,CLAMP,SRT-8960P,SRT-8960P-UK

N.S.P.:Not available as service parts

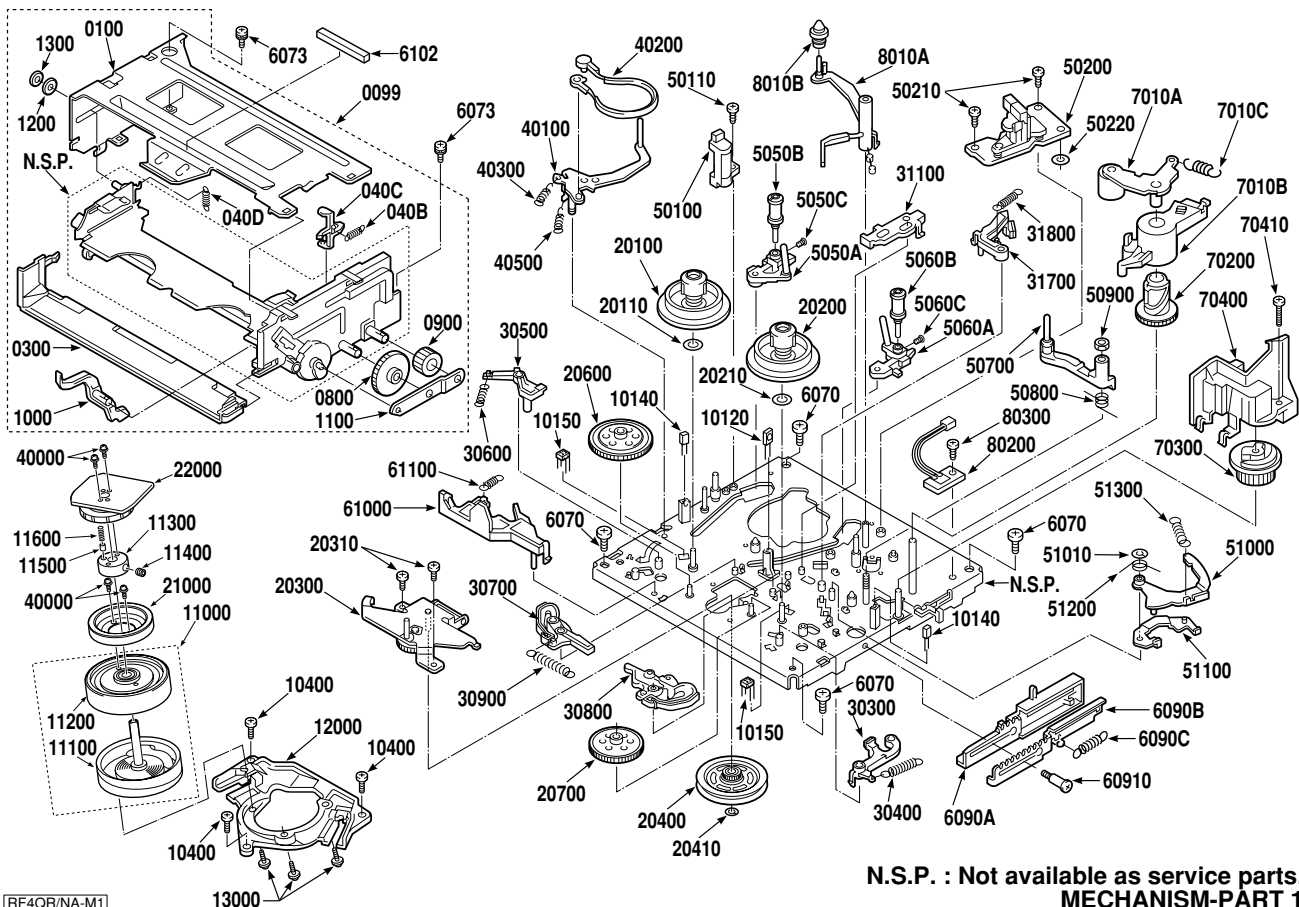


CH-RQ40/EX(MS)

CABINET & CHASSIS PARTS

LOCATION	PARTS NO.	DESCRIPTION
MECHANISM PARTS 1		
11000	613 199 0982	COMPL,CYLINDER,2N4P-QL
11100	613 196 4648	ASSY,CYLINDER,LWR,4Q
11200	613 199 1002	ASSY,CYLINDER,UPR,2N4P-QL
11300	613 189 9124	MOUNTING,MOTOR,CYLINDER
OR	613 182 6311	MOUNTING,MOTOR,CYLINDER
11400	411 158 0208	SCR SET HEX-SCT 4X6
11500	613 182 6229	EARTH,CHIP,CYLINDER
11600	613 182 6533	SPRING,EARTH,CYLINDER
12000	613 176 9533	MOUNTING,CYLINDER
13000	412 048 8601	SPECIAL SCREW-2.6X7
21000	645 035 8043	MOTOR,ROTOR,CYL DC 2W VC
22000	645 048 6647	MOTOR,STATOR,CYL DC 2W VN
40000	412 036 5001	SPECIAL SCREW 2.3X6
10400	412 048 8106	SPECIAL SCREW-2.6X8
6102	613 151 6618	PAD
6073	412 048 8205	SPECIAL SCREW-2.6X6
0099	613 185 4055	COMPL,CASSETTE MECHANISM
0100	613 152 0738	STAND L
0300	613 152 0660	FRAME UNDER
040B	613 152 0417	SPRING,LID OPENER
040C	613 152 0707	LEVER,RELEASE
040D	613 152 0424	SPRING,TRAY LOCK
0800	613 152 2794	GEAR,LOCK
0900	613 152 2800	GEAR,PINION
1000	613 151 9480	LEVER,DOOR OPENER
1100	613 151 9299	HOLDER,GEAR
1200	411 008 5001	WASHER F 4X8X0.8
1300	411 109 2008	WASHER Y 3.1X8X0.5
6070	411 021 7907	SCR S-TPG BIN 4X12
10120	407 162 1102	LED LN59L
10140	407 162 8705	PHOTO DIODE PN263L-(NC)
10150	407 165 8108	PHOTO COUPLE SG-105F
OR	407 043 0101	PHOTO DIODE ON2170-R
20100	613 176 2343	ASSY,REEL SUPPLY
OR	613 169 3722	ASSY,REEL SUPPLY

LOCATION	PARTS NO.	DESCRIPTION
20110	412 015 8603	SPECIAL WASHER 3.1X6X0.25
20200	613 160 4193	ASSY,REEL TAKE UP
OR	613 168 1514	ASSY,REEL TAKE UP
20210	412 021 5306	SPECIAL WASHER 3.1X6X0.3
OR	412 015 8900	SPECIAL WASHER 3.1X6X0.4
OR	412 015 8504	SPECIAL WASHER 3.1X6X0.5
20300	613 175 0661	COMPL,MOUNTING CLUTCH
OR	613 171 6896	COMPL,MOUNTING CLUTCH
20310	412 048 7505	SPECIAL SCREW-2.6X4
20400	613 151 9701	PULLEY,REEL
20410	412 045 4606	SPECIAL WASHER 2.4X6X0.25
20600	613 152 2749	GEAR,REEL S
20700	613 152 2756	GEAR,REEL T
30300	613 160 3356	ASSY,BRAKE SOFT T
30400	613 152 0295	SPRING,SOFT T
30500	613 151 9411	LEVER,SOFT S
30600	613 152 0318	SPRING,SOFT S
30700	613 189 8868	ASSY,BRAKE,S 90
30800	613 189 8875	ASSY,BRAKE,T 90
30900	613 191 7040	SPRING,BRAKE 90
31100	613 152 0189	SLIDE,ACT BRAKE T
31700	613 175 4843	ASSY,BRAKE CAPSTAN TL
31800	613 182 8377	SPRING,BRAKE CAPSTAN
40100	613 151 8759	ASSY,LEVER,BT
40200	613 160 5282	ASSY,BRAKE,BAND
40300	613 176 5610	SPRING,BT MAIN TL
40500	613 176 5627	SPRING,BT SUB TL
50100	645 023 0943	HEAD,ERASE FULL
50110	412 048 9707	SPECIAL SCREW-2.6X10
50200	613 190 8246	ASSY,HEAD R/P ACE
50210	412 052 3500	SPECIAL SCREW 2.6X12
50220	412 015 8603	SPECIAL WASHER 3.1X6X0.25
5050A	613 151 8858	ASSY,MOUNTING,INCLINE S
5050B	613 022 0233	ASSY,GUIDE,ROLLER
5050C	412 048 4504	SPECIAL SCREW-2X3
5060A	613 151 8872	ASSY,MOUNTING INCLINE T
5060B	613 022 0233	ASSY,GUIDE,ROLLER
5060C	412 048 4504	SPECIAL SCREW-2X3



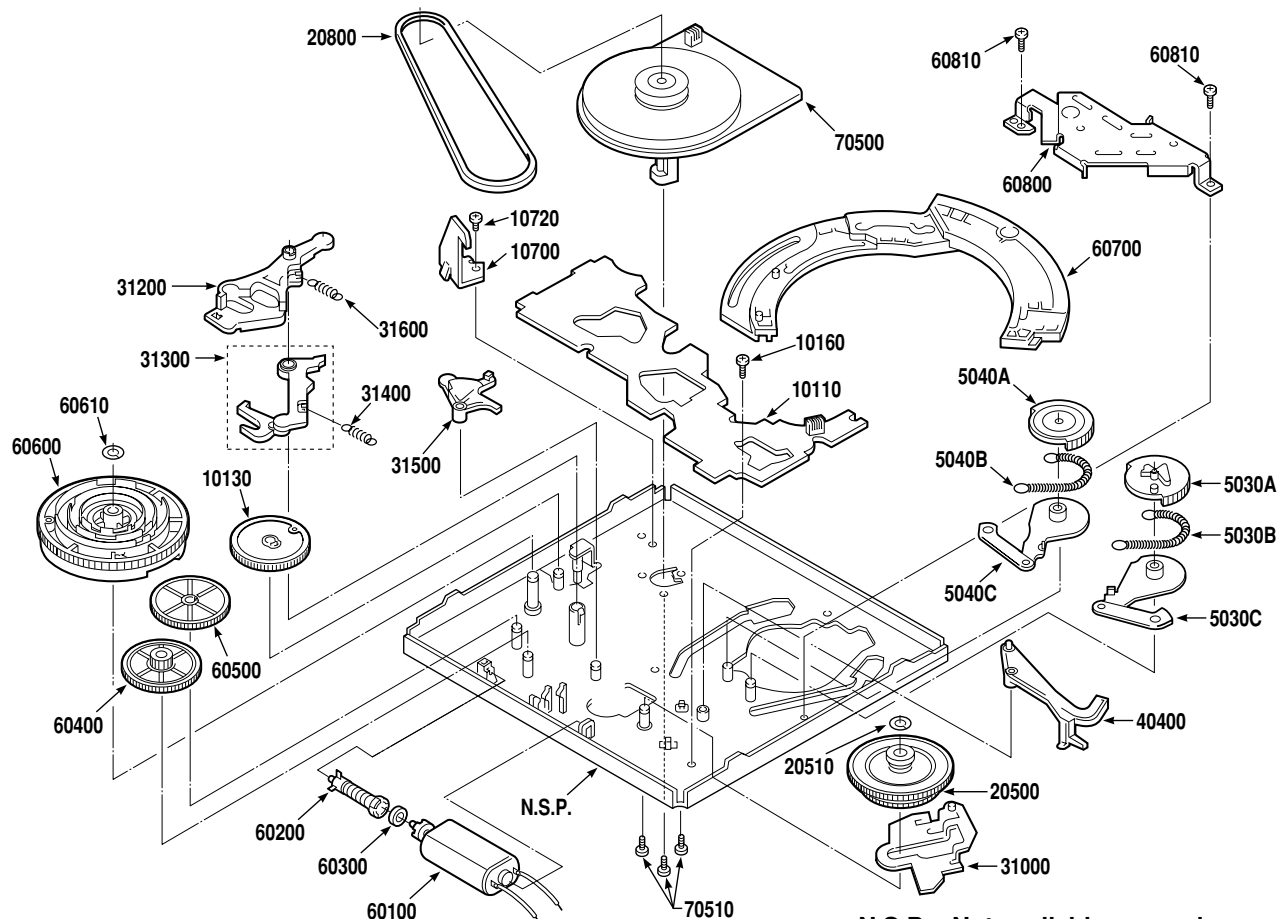
N.S.P. : Not available as service parts.
MECHANISM-PART 1

LOCATION	PARTS NO.	DESCRIPTION
50700	613 175 6472	ASSY,LEVER,LOAD TL
50800	613 152 0387	SPRING,LEVER L GUIDE
50900	412 048 8908	SPECIAL NUT-3X3
51000	613 175 6489	ASSY,LEVER ACT L-GUIDE TL
51010	412 033 4502	WASHER SLIT 2.6X8X0.50
51100	613 175 6496	ASSY,LEVER STOPPER TL
51200	613 176 3043	SPRING,ACT L GUIDE TL
51300	613 176 3050	SPRING,STOPPER TL
6090A	613 151 9152	GEAR,RACK FRONT
OR	613 160 4636	GEAR,RACK FRONT
6090B	613 151 9114	GEAR,RACK START
6090C	613 152 0226	SPRING,RACK FRONT
60910	412 050 2802	SPECIAL SCREW-2.6X6
61000	613 151 9398	LEVER,EP SW
61100	613 152 3692	SPRING,EP SW
7010A	613 151 8803	ASSY,LEVER,PINCH ROLLER
7010B	613 182 8308	ASSY,MOUNTING,LIFT JG
7010C	613 152 0233	SPRING,PINCH ROLLER
70200	613 156 3841	CAM,LIFT PINCH
70300	613 182 8322	GEAR,CAM PINCH JG
70400	613 182 8339	MOUNTING,OPENER JG
70410	412 049 1106	SPECIAL SCREW-2.6X16
8010A	613 171 9606	LEVER,CLEANER
8010B	613 171 9439	ASSY,MOUNTING CLEANER
80200	645 049 1412	ASSY,R-SPECIAL,DEW
80300	411 137 0007	SCR L-TPG BIN 3X10

MECHANISM PARTS 2

10110	613 181 4967	COMPL PWB,MC-1
10130	613 195 9712	GEAR,RELAY PINCH OPT
10160	412 048 7505	SPECIAL SCREW-2.6X4

LOCATION	PARTS NO.	DESCRIPTION
10700	613 167 5926	MOUNTING CAPSTAN
10720	412 048 8007	SPECIAL SCREW-2.6X6
20500	613 183 4361	ASSY,GEAR,FRICITION
OR	613 152 2602	ASSY,GEAR,FRICITION
20510	411 109 1605	WASHER Y 2.6X6X0.25
20800	613 151 9039	BELT,REEL
31000	613 152 0165	SLIDE,ACT BRAKE S
31200	613 159 0991	LEVER,CONTROL BRAKE
31300	613 159 0847	COMPL,LEVER,ACT BRAKE
31400	613 152 0332	SPRING,RETURN BRAKE
31500	613 151 9459	LEVER,CHANGE CLUTCH
31600	613 152 0349	SPRING,CHANGE CLUTCH
40400	613 176 5511	ASSY,LEVER SPRING BT TL
5030A	613 152 2763	GEAR,LOAD S
5030B	613 152 0370	SPRING,LOAD S
5030C	613 151 8766	ASSY,LEVER,LOAD S
5040A	613 152 2770	GEAR,LOAD T
5040B	613 152 0363	SPRING,LOAD T
5040C	613 151 8773	ASSY,LEVER,LOAD T
60100	645 003 4305	ASSY,MOTOR LOADING
60200	613 193 2883	COMPL,GEAR,WORM
60300	613 151 9107	DAMPER
60400	613 151 9138	GEAR,WHEEL 1
OR	613 187 4602	GEAR,WHEEL 1
60500	613 160 3790	GEAR,WHEEL 2
60600	613 195 9699	CAM MAIN OPT R
60610	412 054 6806	SPECIAL WASHER 3.6X0.5
60700	613 182 8360	SLIDE,CRESCENT JG
60800	613 159 8997	MOUNTING,CRESCENT
60810	412 048 8007	SPECIAL SCREW-2.6X6
70500	645 052 3106	MOTOR,CAPSTAN DC 3W
70510	412 048 7604	SPECIAL SCREW-2.6X6



ELECTRICAL PARTS

Note:

1. Materials of Capacitors and Resistors are abbreviated as follows ;

Resistors

MT-FILM Metallized Film Resistor
MT-GLAZE Metallized Glaze Resistor
OXIDE-MT Oxide Metallized Film Resistor

Capacitors

MT-POLYEST Metallized Polyester Capacitor
MT-COMPO Metallized Composite Capacitor
TA-SOLID Tantalum Solid Capacitor
AL-SOLID Aluminum Solid Capacitor
NP-ELECT Non-Polarized Electrolytic Capacitor
OS-SOLID Aluminum Solid Capacitors with Organic Semiconductive Electrolytic Capacitor
DL-ELECT Double Layered Electrolytic Capacitor

2. Tolerance of Capacitor (10pF over) and Resistor are noted with follow symbols.

F1% G2% J5% K10%
M20% N30% Z+80% ~ -20%

3. Capacitors

U : μ F P : pF

4. Inductors

UH : μ H MH : mH

5. N.S.P. : Not available as service parts.

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
COMPL PWB,CP-1-A			Q1123	405 014 4400	TR 2SC2412K-Q
	613 197 9413	SRT-8960P,SRT-8960P-UK	OR	405 014 4509	TR 2SC2412K-R
	613 198 3953	SRT-8040P,SRT-8040P-UK	OR	405 014 4608	TR 2SC2412K-S
		(SURGE-ABSORBER)	Q1124	405 014 4400	TR 2SC2412K-Q
VA301	645 045 7449	SURGE-ABSORBER	OR	405 014 4509	TR 2SC2412K-R
VA302	645 045 7449	SURGE-ABSORBER	OR	405 014 4608	TR 2SC2412K-S
VA303	645 045 7449	SURGE-ABSORBER	Q1128	405 138 6700	TR DTC144EKA
VA304	645 045 7449	SURGE-ABSORBER	Q1138	405 138 6700	TR DTC144EKA
VA305	645 045 7449	SURGE-ABSORBER	Q1139	405 138 6700	TR DTC144EKA
VA306	645 045 7449	SURGE-ABSORBER	Q1201	405 141 0603	TR 2SA1037AK-R
VA307	645 045 7449	SURGE-ABSORBER	OR	405 002 0209	TR 2SA1037K-Q
VA308	645 045 7449	SURGE-ABSORBER	OR	405 002 0308	TR 2SA1037K-R
VA309	645 045 7449	SURGE-ABSORBER	OR	405 002 0407	TR 2SA1037K-S
		(BATTERY)	Q1205	405 141 0603	TR 2SA1037AK-R
Z3901	△645 040 2494	BATTERY,RECHARGE	OR	405 002 0209	TR 2SA1037K-Q
		(SEMICONDUCTORS)	OR	405 002 0308	TR 2SA1037K-R
Q1001	405 015 9701	TR 2SC2814-F4	OR	405 002 0407	TR 2SA1037K-S
OR	405 015 9909	TR 2SC2814-F5	Q1210	405 014 4400	TR 2SC2412K-Q
OR	405 035 6100	TR 2SC2413K-Q	OR	405 014 4509	TR 2SC2412K-R
Q1003	405 014 4400	TR 2SC2412K-Q	OR	405 014 4608	TR 2SC2412K-S
OR	405 014 4509	TR 2SC2412K-R	Q1211	405 014 4400	TR 2SC2412K-Q
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4509	TR 2SC2412K-R
Q1004	405 014 4400	TR 2SC2412K-Q	OR	405 014 4608	TR 2SC2412K-S
OR	405 014 4509	TR 2SC2412K-R	Q1212	405 014 4400	TR 2SC2412K-Q
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4509	TR 2SC2412K-R
Q1005	405 015 9701	TR 2SC2814-F4	OR	405 014 4608	TR 2SC2412K-S
OR	405 015 9909	TR 2SC2814-F5	Q1213	405 014 4400	TR 2SC2412K-Q
OR	405 035 6100	TR 2SC2413K-Q	OR	405 014 4509	TR 2SC2412K-R
Q1016	405 138 6700	TR DTC144EKA	OR	405 014 4608	TR 2SC2412K-S
Q1030	405 014 4400	TR 2SC2412K-Q	Q1214	405 014 4400	TR 2SC2412K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4608	TR 2SC2412K-S
Q1081	405 015 9701	TR 2SC2814-F4	Q1241	405 014 4400	TR 2SC2412K-Q
OR	405 015 9909	TR 2SC2814-F5	OR	405 014 4509	TR 2SC2412K-R
OR	405 035 6100	TR 2SC2413K-Q	OR	405 014 4608	TR 2SC2412K-S
Q1088	405 141 0603	TR 2SA1037AK-R	Q1242	405 141 0603	TR 2SA1037AK-R
OR	405 002 0209	TR 2SA1037K-Q	OR	405 002 0209	TR 2SA1037K-Q
OR	405 002 0308	TR 2SA1037K-R	OR	405 002 0308	TR 2SA1037K-R
OR	405 002 0407	TR 2SA1037K-S	OR	405 002 0407	TR 2SA1037K-S
Q1102	405 014 4400	TR 2SC2412K-Q	Q1243	405 014 4400	TR 2SC2412K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4608	TR 2SC2412K-S
Q1112	405 141 0603	TR 2SA1037AK-R	Q1251	405 089 2103	TR 2SC4483-S
OR	405 002 0209	TR 2SA1037K-Q	OR	405 089 2202	TR 2SC4483-T
OR	405 002 0308	TR 2SA1037K-R	Q1252	405 014 4400	TR 2SC2412K-Q
OR	405 002 0407	TR 2SA1037K-S	OR	405 014 4509	TR 2SC2412K-R
Q1121	405 014 4400	TR 2SC2412K-Q	OR	405 014 4608	TR 2SC2412K-S
OR	405 014 4509	TR 2SC2412K-R	Q1253	405 141 0603	TR 2SA1037AK-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 002 0209	TR 2SA1037K-Q
Q1122	405 014 4400	TR 2SC2412K-Q	OR	405 002 0308	TR 2SA1037K-R
OR	405 014 4509	TR 2SC2412K-R	OR	405 002 0407	TR 2SA1037K-S
OR	405 014 4608	TR 2SC2412K-S	Q1301	405 141 0603	TR 2SA1037AK-R
			OR	405 002 0209	TR 2SA1037K-Q

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
Q1301	405 002 0308	TR 2SA1037K-R	Q1603	405 014 4509	TR 2SC2412K-R
OR	405 002 0407	TR 2SA1037K-S	OR	405 014 4608	TR 2SC2412K-S
Q1306	405 014 4400	TR 2SC2412K-Q	Q1610	405 138 6700	TR DTC144EKA
OR	405 014 4509	TR 2SC2412K-R	Q1631	405 014 4400	TR 2SC2412K-Q
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4509	TR 2SC2412K-R
Q1307	405 141 0603	TR 2SA1037AK-R	OR	405 014 4608	TR 2SC2412K-S
OR	405 002 0209	TR 2SA1037K-Q	Q1632	405 014 4400	TR 2SC2412K-Q
OR	405 002 0308	TR 2SA1037K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 002 0407	TR 2SA1037K-S	OR	405 014 4608	TR 2SC2412K-S
Q1321	405 014 4400	TR 2SC2412K-Q	Q1801	405 014 4400	TR 2SC2412K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4608	TR 2SC2412K-S
Q1322	405 014 4400	TR 2SC2412K-Q	Q1851	405 014 4400	TR 2SC2412K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4608	TR 2SC2412K-S
Q1323	405 014 4400	TR 2SC2412K-Q	Q2040	405 138 6700	TR DTC144EKA
OR	405 014 4509	TR 2SC2412K-R	Q2041	405 138 6700	TR DTC144EKA
OR	405 014 4608	TR 2SC2412K-S	Q2043	405 138 6700	TR DTC144EKA
Q1324	405 014 4400	TR 2SC2412K-Q	Q2045	405 138 6700	TR DTC144EKA
OR	405 014 4509	TR 2SC2412K-R	Q2046	405 138 6700	TR DTC144EKA
OR	405 014 4608	TR 2SC2412K-S	Q2047	405 083 5209	TR DTC343TK
Q1341	405 141 0603	TR 2SA1037AK-R	Q2048	405 138 6700	TR DTC144EKA
OR	405 002 0209	TR 2SA1037K-Q	Q2071	405 003 5609	TR 2SA1318-S
OR	405 002 0308	TR 2SA1037K-R	OR	405 003 5708	TR 2SA1318-T
Q1341	405 002 0407	TR 2SA1037K-S	OR	405 003 5807	TR 2SA1318-U
Q1342	405 014 4400	TR 2SC2412K-Q	Q2072	405 024 9709	TR 2SD734-E
OR	405 014 4509	TR 2SC2412K-R	OR	405 024 9907	TR 2SD734-F
OR	405 014 4608	TR 2SC2412K-S	Q2073	405 018 0002	TR 2SC3331-S
Q1343	405 014 4400	TR 2SC2412K-Q	OR	405 018 0101	TR 2SC3331-T
OR	405 014 4509	TR 2SC2412K-R	OR	405 018 0200	TR 2SC3331-U
OR	405 014 4608	TR 2SC2412K-S	Q2074	405 018 0002	TR 2SC3331-S
Q1344	405 014 4400	TR 2SC2412K-Q	OR	405 018 0101	TR 2SC3331-T
OR	405 014 4509	TR 2SC2412K-R	OR	405 018 0200	TR 2SC3331-U
OR	405 014 4608	TR 2SC2412K-S	Q2075	405 003 5609	TR 2SA1318-S
Q1401	405 141 0603	TR 2SA1037AK-R	OR	405 003 5708	TR 2SA1318-T
OR	405 002 0209	TR 2SA1037K-Q	OR	405 003 5807	TR 2SA1318-U
OR	405 002 0308	TR 2SA1037K-R	Q2204	405 000 5305	TR DTC143TK
OR	405 002 0407	TR 2SA1037K-S	OR	405 045 2208	TR 2SC3900
Q1420	405 014 4400	TR 2SC2412K-Q	Q3001	405 089 2103	TR 2SC4483-S
OR	405 014 4509	TR 2SC2412K-R	OR	405 089 2202	TR 2SC4483-T
OR	405 014 4608	TR 2SC2412K-S	Q3002	405 089 2103	TR 2SC4483-S
Q1421	405 014 4400	TR 2SC2412K-Q	OR	405 089 2202	TR 2SC4483-T
OR	405 014 4509	TR 2SC2412K-R	Q3005	405 089 2103	TR 2SC4483-S
OR	405 014 4608	TR 2SC2412K-S	OR	405 089 2202	TR 2SC4483-T
Q1422	405 014 4400	TR 2SC2412K-Q	Q3012	405 014 4400	TR 2SC2412K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4608	TR 2SC2412K-S
Q1431	405 138 6700	TR DTC144EKA	Q3013	405 141 0603	TR 2SA1037AK-R
Q1432	405 138 6700	TR DTC144EKA	OR	405 002 0209	TR 2SA1037K-Q
Q1433	405 138 6700	TR DTC144EKA	OR	405 002 0308	TR 2SA1037K-R
Q1434	405 138 6700	TR DTC144EKA	OR	405 002 0407	TR 2SA1037K-S
Q1435	405 138 6700	TR DTC144EKA	Q3014	405 014 4400	TR 2SC2412K-Q
Q1436	405 138 6700	TR DTC144EKA	OR	405 014 4509	TR 2SC2412K-R
Q1437	405 138 6700	TR DTC144EKA	OR	405 014 4608	TR 2SC2412K-S
Q1461	405 014 4400	TR 2SC2412K-Q	Q3015	405 014 4400	TR 2SC2412K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 014 4509	TR 2SC2412K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 014 4608	TR 2SC2412K-S
Q1462	405 141 0603	TR 2SA1037AK-R	Q3016	405 014 4400	TR 2SC2412K-Q
OR	405 002 0209	TR 2SA1037K-Q	OR	405 014 4509	TR 2SC2412K-R
OR	405 002 0308	TR 2SA1037K-R	OR	405 014 4608	TR 2SC2412K-S
OR	405 002 0407	TR 2SA1037K-S	Q3017	405 141 0603	TR 2SA1037AK-R
Q1471	405 014 4400	TR 2SC2412K-Q	OR	405 002 0209	TR 2SA1037K-Q
OR	405 014 4509	TR 2SC2412K-R	OR	405 002 0308	TR 2SA1037K-R
OR	405 014 4608	TR 2SC2412K-S	OR	405 002 0407	TR 2SA1037K-S
Q1472	405 141 0603	TR 2SA1037AK-R	Q3018	405 141 0603	TR 2SA1037AK-R
OR	405 002 0209	TR 2SA1037K-Q	OR	405 002 0209	TR 2SA1037K-Q
OR	405 002 0308	TR 2SA1037K-R	OR	405 002 0308	TR 2SA1037K-R
OR	405 002 0407	TR 2SA1037K-S	OR	405 002 0407	TR 2SA1037K-S
Q1481	405 141 0603	TR 2SA1037AK-R	Q3019	405 014 4400	TR 2SC2412K-Q
OR	405 002 0209	TR 2SA1037K-Q	OR	405 014 4509	TR 2SC2412K-R
OR	405 002 0308	TR 2SA1037K-R	OR	405 014 4608	TR 2SC2412K-S
OR	405 002 0407	TR 2SA1037K-S	Q3020	405 141 0603	TR 2SA1037AK-R
Q1491	405 138 6700	TR DTC144EKA	OR	405 002 0209	TR 2SA1037K-Q
Q1601	405 138 6700	TR DTC144EKA	OR	405 002 0308	TR 2SA1037K-R
Q1602	405 014 4400	TR 2SC2412K-Q	OR	405 002 0407	TR 2SA1037K-S
OR	405 014 4509	TR 2SC2412K-R	Q3021	405 080 4601	TR 2SC3808
OR	405 014 4608	TR 2SC2412K-S	(INTEGRATED CIRCUITS)		
Q1603	405 014 4400	TR 2SC2412K-Q	IC101	409 480 5701	IC LA71582M-MPB

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
IC121	409 515 1807	IC LC74781-9832	VR131	645 003 5616	(VARIABLE RESISTORS)
IC131	409 519 6204	IC TL8855FS	OR	645 003 5500	VR,SEMI,4.7K N
IC132	409 326 0907	IC LA7152	VR141	645 003 5616	VR,SEMI,4.7K N
IC141	409 519 6303	IC TL8722P	OR	645 003 5500	VR,SEMI,4.7K N
IC142	409 255 8906	IC BA7611AN			(INDUCTORS)
IC143	409 182 9007	IC NJM2234L	L1001	645 002 1510	INDUCTOR,68U J
IC145	409 039 9501	IC NJM78L09A	OR	645 003 8228	INDUCTOR,68U J
IC161	409 143 7905	IC CXA1203M	L1002	645 002 1497	INDUCTOR,56U J
IC211	409 018 4305	IC LA6458D	OR	645 003 8181	INDUCTOR,56U J
OR	409 039 7408	IC NJM4558D	L1005	645 003 6934	INDUCTOR,100U J
IC301	410 451 8904	IC UPD78F4928GF-P28-3BA	OR	645 003 7634	INDUCTOR,100U J
IC302	409 407 0703	IC PST9128NR	L1121	645 002 1497	INDUCTOR,56U J
IC303	409 440 4508	IC LB1643L	OR	645 003 8181	INDUCTOR,56U J
OR	409 314 2005	IC LB1643	L1122	645 001 5496	INDUCTOR,39U J
IC304	409 144 7102	IC LA7116-S	OR	645 003 8129	INDUCTOR,39U J
IC305	409 482 5006	IC BR24C08	L1139	645 001 4574	INDUCTOR,100U J
OR	409 455 0106	IC 24LC08B/P	OR	645 003 7917	INDUCTOR,100U J
OR	409 372 1002	IC AT24C08-10PC	L1221	645 001 5458	INDUCTOR,27U J
IC306	409 313 1009	IC MN1381-R	OR	645 003 8051	INDUCTOR,27U J
IC308	409 155 7603	IC TC4S30F	L1230	645 006 3886	INDUCTOR,1U K
IC309	409 137 9007	IC TC4S81F	OR	645 005 3856	INDUCTOR,1U M
		(DIODES)	L1231	645 002 1497	INDUCTOR,56U J
D1002	407 012 4406	DIODE 1SS133	OR	645 003 8181	INDUCTOR,56U J
D1063	407 012 4406	DIODE 1SS133	L1253	645 002 1497	INDUCTOR,56U J
D1221	407 012 4406	DIODE 1SS133	OR	645 003 8181	INDUCTOR,56U J
D1251	407 063 8903	ZENER DIODE MTZJ5.6C	L1301	645 006 3886	INDUCTOR,1U K
D1431	407 012 4406	DIODE 1SS133	OR	645 005 3856	INDUCTOR,1U M
D1432	407 012 4406	DIODE 1SS133	L1303	645 002 1428	INDUCTOR,15U J
D1433	407 012 4406	DIODE 1SS133	OR	645 003 7955	INDUCTOR,15U J
D1602	407 012 4406	DIODE 1SS133	L1311	645 006 3886	INDUCTOR,1U K
D1603	407 012 4406	DIODE 1SS133	OR	645 005 3856	INDUCTOR,1U M
D2047	407 012 4406	DIODE 1SS133	L1321	645 001 5496	INDUCTOR,39U J
D2111	407 099 7000	ZENER DIODE MTZJ15B	OR	645 003 8129	INDUCTOR,39U J
OR	407 099 7109	ZENER DIODE MTZJ15C	L1402	645 002 1442	INDUCTOR,18U J
OR	407 099 6904	ZENER DIODE MTZJ15A	OR	645 003 7986	INDUCTOR,18U J
D2201	407 012 4406	DIODE 1SS133	L1403	645 006 3886	INDUCTOR,1U K
D3001	407 150 7703	DIODE RB441Q,SRT-8960P,SRT-8960P-UK	OR	645 005 3856	INDUCTOR,1U M
D3002	407 120 5807	DIODE AK04	L1421	645 001 5458	INDUCTOR,27U J
OR	407 160 9100	DIODE ERA83-004	OR	645 003 8051	INDUCTOR,27U J
D3003	407 012 4406	DIODE 1SS133,SRT-8960P,SRT-8960P-UK	L1422	645 006 3886	INDUCTOR,1U K
D3004	407 078 2705	DIODE 1SS244	OR	645 005 3856	INDUCTOR,1U M
D3005	407 012 4406	DIODE 1SS133	L1461	613 130 3539	FERRITE CORE
D3008	407 063 8903	ZENER DIODE MTZJ5.6C	OR	645 008 7936	CORE
D3009	407 063 8903	ZENER DIODE MTZJ5.6C	L1471	613 130 3539	FERRITE CORE
D3010	407 012 4406	DIODE 1SS133	OR	645 008 7936	CORE
D3011	407 012 4406	DIODE 1SS133	L1481	613 130 3539	FERRITE CORE
D3012	407 012 4406	DIODE 1SS133	OR	645 008 7936	CORE
D3013	407 012 4406	DIODE 1SS133	L1601	645 002 1411	INDUCTOR,10U J
D3014	407 099 6003	ZENER DIODE MTZJ9.1B	OR	645 003 7894	INDUCTOR,10U J
D3015	407 063 8903	ZENER DIODE MTZJ5.6C	L1615	645 001 4659	INDUCTOR,220U J
D3016	407 012 4406	DIODE 1SS133	OR	645 003 8037	INDUCTOR,220U J
D3020	407 078 2705	DIODE 1SS244	L1617	645 002 1497	INDUCTOR,56U J
D3021	407 078 2705	DIODE 1SS244	OR	645 003 8181	INDUCTOR,56U J
D3022	407 012 4406	DIODE 1SS133	L1801	645 006 3602	INDUCTOR,1.1UH
D3023	407 012 4406	DIODE 1SS133	L2071	645 003 6934	INDUCTOR,100U J
D3030	407 012 4406	DIODE 1SS133	OR	645 003 7634	INDUCTOR,100U J
D3031	407 012 4406	DIODE 1SS133	L3003	645 006 3602	INDUCTOR,1.1UH
D3098	407 150 7703	DIODE RB441Q	L3004	645 006 3602	INDUCTOR,1.1UH
		(PHOTO COUPLERS)	L3005	645 006 3602	INDUCTOR,1.1UH
PC301	407 222 4609	PHOTO COUPLE GP1S094HCZ	L3006	645 006 3602	INDUCTOR,1.1UH
PC302	407 222 4609	PHOTO COUPLE GP1S094HCZ	L3007	645 006 3602	INDUCTOR,1.1UH
PC303	407 222 4609	PHOTO COUPLE GP1S094HCZ	L3008	645 006 3602	INDUCTOR,1.1UH
		(CRYSTAL DEVICES)	L3009	645 006 3602	INDUCTOR,1.1UH
X1001	645 005 1180	OSC,CRYSTAL 3.579545MHZ	L3010	645 006 3602	INDUCTOR,1.1UH
OR	645 014 8224	OSC,CRYSTAL 3.579545MHZ	L3011	645 006 3602	INDUCTOR,1.1UH
X1002	613 080 9407	OSC,CRYSTAL 4.43MHZ	L3012	645 006 3602	INDUCTOR,1.1UH
OR	645 005 1197	OSC,CRYSTAL 4.433619MHZ			(TRANSFORMERS)
OR	613 120 8865	OSC,CRYSTAL 4.433619MHZ	T2001	△645 018 3515	TRANS,OSC,70KHZ
OR	645 014 8231	OSC,CRYSTAL 4.433619MHZ			(CAPACITORS)
X1201	613 127 1555	OSC,CRYSTAL 17.734475MHZ	C1001	403 191 8709	ELECT 1U M 50V
X1461	645 051 9758	OSC,CRYSTAL 12.025672MHZ	C1002	403 163 7907	ELECT 47U M 6.3V
X1471	645 051 9741	OSC,CRYSTAL 11.0592MHZ	C1003	403 191 8709	ELECT 1U M 50V
X3001	613 109 0972	OSC,CRYSTAL 32KHZ	C1004	403 189 2405	ELECT 10U M 16V
X3002	645 013 5507	OSC,CRYSTAL 8MHZ	C1005	403 167 6500	ELECT 33U M 6.3V
OR	645 013 8102	OSC,CRYSTAL 8MHZ	C1006	403 193 8608	ELECT 0.47U M 50V
		(FILTER)	C1008	403 191 8709	ELECT 1U M 50V
XF131	645 008 5161	FILTER,LP 6MHZ	C1009	403 189 2405	ELECT 10U M 16V

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
C1010	403 191 8709	ELECT1U M 50V	C1307	403 215 2201	CERAMIC 0.01U K 50V
C1011	403 164 0204	CERAMIC 0.1U Z 25V	C1308	403 163 7907	ELECT47U M 6.3V
C1012	403 193 9001	ELECT3.3U M 50V	C1309	403 157 1904	CERAMIC 10P D 50V
C1013	403 193 9001	ELECT3.3U M 50V	C1310	403 215 2201	CERAMIC 0.01U K 50V
C1014	403 191 8709	ELECT1U M 50V	C1321	403 284 9408	OS-SOLID 3.3U M 16V
C1015	403 163 7907	ELECT47U M 6.3V	C1322	403 215 2201	CERAMIC 0.01U K 50V
C1031	403 298 9609	CERAMIC 0.1U K 16V	C1323	403 139 7108	CERAMIC 12P J 50V
C1032	403 281 5007	CERAMIC 0.033U K 25V	C1324	403 163 7907	ELECT47U M 6.3V
C1033	403 164 0204	CERAMIC 0.1U Z 25V	C1325	403 145 9905	CERAMIC 22P J 50V
C1034	403 215 2201	CERAMIC 0.01U K 50V	C1332	403 164 0204	CERAMIC 0.1U Z 25V
C1035	403 157 2505	CERAMIC 27P J 50V	C1333	403 215 2201	CERAMIC 0.01U K 50V
C1036	403 266 0102	CERAMIC 4.7P C 50V	C1334	403 163 7907	ELECT47U M 6.3V
C1037	403 169 2807	CERAMIC 330P J 50V	C1335	403 164 0204	CERAMIC 0.1U Z 25V
C1038	403 155 1500	CERAMIC 180P J 50V	C1341	403 298 9609	CERAMIC 0.1U K 16V
C1039	403 157 2505	CERAMIC 27P J 50V	C1342	403 189 2405	ELECT10U M 16V
C1041	403 215 2201	CERAMIC 0.01U K 50V	C1343	403 189 2405	ELECT10U M 16V
C1042	403 298 9609	CERAMIC 0.1U K 16V	C1344	403 215 2201	CERAMIC 0.01U K 50V
C1043	403 215 2201	CERAMIC 0.01U K 50V	C1401	403 157 1706	CERAMIC 8P D 50V
C1045	403 163 7907	ELECT47U M 6.3V	C1402	403 164 0204	CERAMIC 0.1U Z 25V
C1046	403 215 2201	CERAMIC 0.01U K 50V	C1403	403 164 0204	CERAMIC 0.1U Z 25V
C1047	403 215 2201	CERAMIC 0.01U K 50V	C1405	403 163 8409	ELECT47U M 16V
C1048	403 215 2904	CERAMIC 0.022U K 25V	C1406	403 163 8409	ELECT47U M 16V
C1049	403 215 2904	CERAMIC 0.022U K 25V	C1407	403 167 7002	ELECT4.7U M 50V
C1050	403 205 2808	CERAMIC 0.047U K 25V	C1408	403 163 8409	ELECT47U M 16V
C1051	403 215 2904	CERAMIC 0.022U K 25V	C1409	403 215 2201	CERAMIC 0.01U K 50V
C1052	403 298 9609	CERAMIC 0.1U K 16V	C1410	403 215 2201	CERAMIC 0.01U K 50V
C1062	403 139 7306	CERAMIC 18P J 50V	C1411	403 215 2201	CERAMIC 0.01U K 50V
C1067	403 298 9609	CERAMIC 0.1U K 16V	C1412	403 189 2405	ELECT10U M 16V
C1068	403 205 2808	CERAMIC 0.047U K 25V	C1413	403 167 7002	ELECT4.7U M 50V
C1075	403 139 7504	CERAMIC 39P J 50V	C1420	403 215 2201	CERAMIC 0.01U K 50V
C1081	403 215 2201	CERAMIC 0.01U K 50V	C1421	403 135 4101	ELECT470U M 6.3V
C1088	403 164 0204	CERAMIC 0.1U Z 25V	C1422	403 157 2901	CERAMIC 47P J 50V
C1101	403 163 7907	ELECT47U M 6.3V	C1423	403 157 2901	CERAMIC 47P J 50V
C1110	403 164 0204	CERAMIC 0.1U Z 25V	C1424	403 163 7907	ELECT47U M 6.3V
C1121	403 157 2505	CERAMIC 27P J 50V	C1425	403 266 0102	CERAMIC 4.7P C 50V
C1122	403 157 1904	CERAMIC 10P D 50V	C1426	403 157 2901	CERAMIC 47P J 50V
C1123	403 157 2505	CERAMIC 27P J 50V	C1427	403 163 8409	ELECT47U M 16V
C1139	403 139 7108	CERAMIC 12P J 50V	C1428	403 215 2201	CERAMIC 0.01U K 50V
C1151	403 215 2201	CERAMIC 0.01U K 50V	C1433	403 191 8709	ELECT1U M 50V
C1152	403 215 2201	CERAMIC 0.01U K 50V	C1434	403 191 8709	ELECT1U M 50V
C1153	403 215 2201	CERAMIC 0.01U K 50V	C1435	403 191 8709	ELECT1U M 50V
C1154	403 070 2606	CERAMIC 0.1U Z 50V	C1436	403 298 9609	CERAMIC 0.1U K 16V
C1155	403 164 0204	CERAMIC 0.1U Z 25V	C1451	403 191 8808	ELECT2.2U M 50V
C1201	403 164 0204	CERAMIC 0.1U Z 25V	C1452	403 191 8808	ELECT2.2U M 50V
C1202	403 218 3106	ELECT1000U M 16V	C1454	403 215 2201	CERAMIC 0.01U K 50V
C1210	403 284 9408	OS-SOLID 3.3U M 16V	C1455	403 163 7907	ELECT47U M 6.3V
C1211	403 189 2405	ELECT10U M 16V	C1461	403 157 3809	CERAMIC 120P J 50V
C1213	403 215 2201	CERAMIC 0.01U K 50V	C1462	403 157 2406	CERAMIC 24P J 50V
C1221	403 139 7108	CERAMIC 12P J 50V	C1463	403 215 2201	CERAMIC 0.01U K 50V
C1222	403 139 7108	CERAMIC 12P J 50V	C1464	403 215 2201	CERAMIC 0.01U K 50V
C1223	403 145 9905	CERAMIC 22P J 50V	C1465	403 164 0204	CERAMIC 0.1U Z 25V
C1224	403 145 9905	CERAMIC 22P J 50V	C1471	403 157 3809	CERAMIC 120P J 50V
C1225	403 157 3601	CERAMIC 100P J 50V	C1472	403 157 2406	CERAMIC 24P J 50V
C1226	403 157 3601	CERAMIC 100P J 50V	C1473	403 215 2201	CERAMIC 0.01U K 50V
C1227	403 157 3601	CERAMIC 100P J 50V	C1474	403 215 2201	CERAMIC 0.01U K 50V
C1228	403 163 7907	ELECT47U M 6.3V	C1475	403 164 0204	CERAMIC 0.1U Z 25V
C1229	403 215 2201	CERAMIC 0.01U K 50V	C1481	403 215 2201	CERAMIC 0.01U K 50V
C1230	403 161 6902	NP-ELECT 2.2U M 50V	C1482	403 215 2201	CERAMIC 0.01U K 50V
C1231	403 215 2201	CERAMIC 0.01U K 50V	C1484	403 163 7907	ELECT47U M 6.3V
C1233	403 191 8709	ELECT1U M 50V	C1485	403 215 2201	CERAMIC 0.01U K 50V
C1234	403 215 2201	CERAMIC 0.01U K 50V	C1601	403 163 7907	ELECT47U M 6.3V
C1235	403 163 7907	ELECT47U M 6.3V	C1602	403 164 0204	CERAMIC 0.1U Z 25V
C1236	403 157 7005	CERAMIC 1800P K 50V	C1603	403 157 3601	CERAMIC 100P J 50V
C1238	403 298 9609	CERAMIC 0.1U K 16V	C1605	403 366 7605	CERAMIC 1000P J 25V
C1241	403 167 7002	ELECT4.7U M 50V	C1606	403 167 7002	ELECT4.7U M 50V
C1242	403 215 2201	CERAMIC 0.01U K 50V	C1608	403 215 2201	CERAMIC 0.01U K 50V
C1251	403 164 0204	CERAMIC 0.1U Z 25V	C1609	403 215 2201	CERAMIC 0.01U K 50V
C1253	403 155 2200	CERAMIC 3300P K 50V	C1610	403 155 4204	CERAMIC 15P J 50V
C1254	403 191 8709	ELECT1U M 50V	C1611	403 157 2901	CERAMIC 47P J 50V
C1255	403 205 2808	CERAMIC 0.047U K 25V	C1612	403 299 1909	CERAMIC 1500P J 25V
C1256	403 157 3106	CERAMIC 56P J 50V	C1613	403 189 2405	ELECT10U M 16V
C1257	403 164 0204	CERAMIC 0.1U Z 25V	C1614	403 157 3106	CERAMIC 56P J 50V
C1301	403 215 2201	CERAMIC 0.01U K 50V	C1615	403 173 9700	CERAMIC 7P D 50V
C1302	403 215 2201	CERAMIC 0.01U K 50V	C1617	403 157 2505	CERAMIC 27P J 50V
C1303	403 155 2309	CERAMIC 4700P K 50V	C1620	403 139 7504	CERAMIC 39P J 50V
C1304	403 215 2201	CERAMIC 0.01U K 50V	C1631	403 157 1904	CERAMIC 10P D 50V
C1305	403 215 2201	CERAMIC 0.01U K 50V	C1801	403 163 7907	ELECT47U M 6.3V
C1306	403 191 8709	ELECT1U M 50V	C1802	403 215 2201	CERAMIC 0.01U K 50V

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
C1851	403 164 0204	CERAMIC 0.1U Z 25V	C3041	403 121 2401	ELECT22U M 16V
C1852	403 157 2505	CERAMIC 27P J 50V	C3043	403 164 0204	CERAMIC 0.1U Z 25V
C1853	403 157 2505	CERAMIC 27P J 50V	C3044	403 164 0204	CERAMIC 0.1U Z 25V
C1855	403 164 0204	CERAMIC 0.1U Z 25V	C3045	403 189 2405	ELECT10U M 16V
C1856	403 215 2201	CERAMIC 0.01U K 50V	C3048	403 164 0204	CERAMIC 0.1U Z 25V
C1857	403 215 2201	CERAMIC 0.01U K 50V	C3050	403 164 0204	CERAMIC 0.1U Z 25V
C1871	403 157 2505	CERAMIC 27P J 50V	C3054	403 215 2201	CERAMIC 0.01U K 50V
C1872	403 157 2505	CERAMIC 27P J 50V	C3057	403 113 3805	CERAMIC 1000P K 50V
C1873	403 205 2808	CERAMIC 0.047U K 25V	C3058	403 191 8709	ELECT1U M 50V
C1874	403 215 2201	CERAMIC 0.01U K 50V	C3059	403 113 3805	CERAMIC 1000P K 50V
C1875	403 215 2201	CERAMIC 0.01U K 50V	C3060	403 191 8709	ELECT1U M 50V
C2001	403 193 7502	ELECT22U M 6.3V	C3061	403 139 1007	ELECT47U M 6.3V
C2002	403 189 2405	ELECT10U M 16V	C3062	403 155 4204	CERAMIC 15P J 50V
C2003	403 193 8202	ELECT0.1U M 50V	C3063	403 155 4204	CERAMIC 15P J 50V
C2004	403 167 7002	ELECT4.7U M 50V	C3064	403 150 6500	ELECT22U M 16V
C2005	403 167 6500	ELECT33U M 6.3V	C3065	403 121 2401	ELECT22U M 16V
C2006	403 167 6500	ELECT33U M 6.3V	C3066	403 135 3500	ELECT220U M 6.3V
C2007	403 163 7907	ELECT47U M 6.3V	C3067	403 164 0204	CERAMIC 0.1U Z 25V
C2031	403 157 7104	CERAMIC 2700P K 50V	C3069	403 164 0204	CERAMIC 0.1U Z 25V
C2032	403 215 2904	CERAMIC 0.022U K 25V	C3070	403 189 2405	ELECT10U M 16V
C2033	403 215 2201	CERAMIC 0.01U K 50V	C3073	403 164 0204	CERAMIC 0.1U Z 25V
C2034	403 146 0505	CERAMIC 1200P K 50V	C3075	403 164 0204	CERAMIC 0.1U Z 25V
C2035	403 164 0204	CERAMIC 0.1U Z 25V	C3076	403 164 0204	CERAMIC 0.1U Z 25V
C2036	403 155 2408	CERAMIC 5600P K 50V	C3078	403 215 2201	CERAMIC 0.01U K 50V
C2037	403 164 0204	CERAMIC 0.1U Z 25V	C3090	403 135 4101	ELECT470U M 6.3V
C2038	403 164 0204	CERAMIC 0.1U Z 25V	C3101	403 164 0204	CERAMIC 0.1U Z 25V
C2040	403 164 0204	CERAMIC 0.1U Z 25V	C3102	403 191 8808	ELECT2.2U M 50V
C2041	403 205 2808	CERAMIC 0.047U K 25V	C3103	403 113 3805	CERAMIC 1000P K 50V
C2043	403 191 8709	ELECT1U M 50V	C3104	403 113 3805	CERAMIC 1000P K 50V
C2049	403 164 0204	CERAMIC 0.1U Z 25V	C3105	403 113 3805	CERAMIC 1000P K 50V
C2071	403 163 7907	ELECT47U M 6.3V	C3106	403 113 3805	CERAMIC 1000P K 50V
C2072	403 163 7907	ELECT47U M 6.3V	C3110	403 164 0204	CERAMIC 0.1U Z 25V
C2073	403 081 3302	POLYPRO 0.022U J 100V	C3121	403 164 0204	CERAMIC 0.1U Z 25V
C2081	403 215 2201	CERAMIC 0.01U K 50V	C3123	403 157 4202	CERAMIC 220P J 50V
C2082	403 281 5007	CERAMIC 0.033U K 25V	C3130	403 113 3805	CERAMIC 1000P K 50V
C2111	403 189 2405	ELECT10U M 16V	C3131	403 164 0204	CERAMIC 0.1U Z 25V
C2112	403 163 7907	ELECT47U M 6.3V	C3132	403 164 0204	CERAMIC 0.1U Z 25V
C2113	403 189 2405	ELECT10U M 16V	C3133	403 164 0204	CERAMIC 0.1U Z 25V
C2114	403 164 0204	CERAMIC 0.1U Z 25V	C3134	403 150 6500	ELECT22U M 16V
C2115	403 189 2405	ELECT10U M 16V	C3139	403 164 0204	CERAMIC 0.1U Z 25V
C2117	403 189 2405	ELECT10U M 16V	C3140	403 157 4202	CERAMIC 220P J 50V
C2118	403 366 7605	CERAMIC 1000P J 25V	C3141	403 157 4202	CERAMIC 220P J 50V
C2121	403 157 3601	CERAMIC 100P J 50V	C3145	403 164 0204	CERAMIC 0.1U Z 25V
C3001	403 157 2406	CERAMIC 24P J 50V	C3146	403 164 0204	CERAMIC 0.1U Z 25V
C3002	403 145 9905	CERAMIC 22P J 50V	C3148	403 113 3805	CERAMIC 1000P K 50V
C3003	403 145 9905	CERAMIC 22P J 50V	C3149	403 139 1007	ELECT47U M 6.3V
C3004	403 145 9905	CERAMIC 22P J 50V			(RESISTORS)
C3005	403 163 7907	ELECT47U M 6.3V	R1002	401 105 1600	MT-GLAZE 15K JA 1/16W
C3006	403 215 2201	CERAMIC 0.01U K 50V	R1003	401 105 6605	MT-GLAZE 6.8K JA 1/16W
C3007	403 157 4202	CERAMIC 220P J 50V	R1004	401 105 0603	MT-GLAZE 10K JA 1/16W
C3008	403 215 2201	CERAMIC 0.01U K 50V	R1005	401 105 4007	MT-GLAZE 330 JA 1/16W
C3009	403 215 2201	CERAMIC 0.01U K 50V	R1006	401 105 1006	MT-GLAZE 1.2K JA 1/16W
C3011	403 113 3805	CERAMIC 1000P K 50V	R1007	401 105 4007	MT-GLAZE 330 JA 1/16W
C3012	403 191 8600	ELECT4.7U M 25V	R1008	401 105 0405	MT-GLAZE 100 JA 1/16W
C3013	403 157 2901	CERAMIC 47P J 50V	R1009	401 105 3307	MT-GLAZE 2.7K JA 1/16W
C3014	403 163 7907	ELECT47U M 6.3V	R1010	401 105 7305	MT-GLAZE 820 JA 1/16W
C3015	403 135 4002	ELECT47U M 6.3V	R1012	401 105 5301	MT-GLAZE 4.7K JA 1/16W
C3016	403 164 0204	CERAMIC 0.1U Z 25V	R1013	401 105 2805	MT-GLAZE 2.2K JA 1/16W
C3018	403 215 2201	CERAMIC 0.01U K 50V	R1014	401 105 1501	MT-GLAZE 1.5K JA 1/16W
C3020	403 086 2805	NP-ELECT 1U M 50V	R1015	401 105 3307	MT-GLAZE 2.7K JA 1/16W
C3021	403 158 5604	NP-ELECT 0.47U M 50V	R1016	401 105 4601	MT-GLAZE 3.9K JA 1/16W
C3022	403 086 2805	NP-ELECT 1U M 50V	R1017	401 105 0504	MT-GLAZE 1K JA 1/16W
C3023	403 086 2805	NP-ELECT 1U M 50V	R1018	401 105 4601	MT-GLAZE 3.9K JA 1/16W
C3024	403 215 2201	CERAMIC 0.01U K 50V	R1019	401 113 5904	MT-GLAZE 1.3K JA 1/16W
C3025	403 113 3805	CERAMIC 1000P K 50V	R1020	401 105 2003	MT-GLAZE 1.8K JA 1/16W
C3026	403 215 2201	CERAMIC 0.01U K 50V	R1021	401 105 0504	MT-GLAZE 1K JA 1/16W
C3028	403 215 2201	CERAMIC 0.01U K 50V	R1022	401 105 7404	MT-GLAZE 8.2K JA 1/16W
C3029	403 164 0006	CERAMIC 0.068U Z 25V	R1024	401 105 0504	MT-GLAZE 1K JA 1/16W
C3031	403 164 0006	CERAMIC 0.068U Z 25V	R1026	401 105 2904	MT-GLAZE 22K JA 1/16W
C3032	403 155 1609	CERAMIC 33P J 50V	R1030	401 105 2003	MT-GLAZE 1.8K JA 1/16W
C3033	403 155 1609	CERAMIC 33P J 50V	R1031	401 105 0504	MT-GLAZE 1K JA 1/16W
C3034	403 155 1609	CERAMIC 33P J 50V	R1045	401 105 0504	MT-GLAZE 1K JA 1/16W
C3035	403 157 3106	CERAMIC 56P J 50V	R1051	401 105 2102	MT-GLAZE 18K JA 1/16W
C3036	403 157 3106	CERAMIC 56P J 50V	R1062	401 105 8005	MT-GLAZE 1M JA 1/16W
C3037	403 157 3106	CERAMIC 56P J 50V	R1063	401 105 2805	MT-GLAZE 2.2K JA 1/16W
C3038	403 135 3302	ELECT1000U M 6.3V	R1081	401 105 0504	MT-GLAZE 1K JA 1/16W
C3039	403 150 6500	ELECT22U M 16V	R1082	401 105 4007	MT-GLAZE 330 JA 1/16W
C3040	403 193 7601	ELECT220U M 6.3V	R1083	401 105 5400	MT-GLAZE 47K JA 1/16W

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
R1084	401 105 5400	MT-GLAZE 47K JA 1/16W	R1343	401 105 5400	MT-GLAZE 47K JA 1/16W
R1085	401 105 8203	MT-GLAZE 68K JA 1/16W	R1344	401 105 1006	MT-GLAZE 1.2K JA 1/16W
R1086	401 105 4007	MT-GLAZE 330 JA 1/16W	R1345	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1088	401 105 0504	MT-GLAZE 1K JA 1/16W	R1346	401 105 2409	MT-GLAZE 2K JA 1/16W
R1103	401 105 0504	MT-GLAZE 1K JA 1/16W	R1347	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R1118	401 105 0504	MT-GLAZE 1K JA 1/16W	R1348	401 113 6109	MT-GLAZE 2.4K JA 1/16W
R1120	401 105 5905	MT-GLAZE 560 JA 1/16W	R1349	401 105 1105	MT-GLAZE 12K JA 1/16W
R1121	401 105 5905	MT-GLAZE 560 JA 1/16W	R1350	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R1122	401 105 2003	MT-GLAZE 1.8K JA 1/16W	R1351	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R1123	401 105 5905	MT-GLAZE 560 JA 1/16W	R1401	401 037 5400	MT-GLAZE 1K JA 1/10W
R1124	401 105 2904	MT-GLAZE 22K JA 1/16W	R1405	401 105 6100	MT-GLAZE 560K JA 1/16W
R1125	401 105 1105	MT-GLAZE 12K JA 1/16W	R1406	401 105 6100	MT-GLAZE 560K JA 1/16W
R1126	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R1420	401 105 0504	MT-GLAZE 1K JA 1/16W
R1127	401 105 4007	MT-GLAZE 330 JA 1/16W	R1421	401 105 6506	MT-GLAZE 680 JA 1/16W
R1128	401 105 4007	MT-GLAZE 330 JA 1/16W	R1422	401 105 0504	MT-GLAZE 1K JA 1/16W
R1129	401 105 0504	MT-GLAZE 1K JA 1/16W	R1423	401 105 5202	MT-GLAZE 470 JA 1/16W
R1139	401 105 0603	MT-GLAZE 10K JA 1/16W	R1424	401 105 3406	MT-GLAZE 27K JA 1/16W
R1201	401 113 4402	MT-GLAZE 75 JA 1/16W	R1425	401 105 1600	MT-GLAZE 15K JA 1/16W
R1202	401 021 1807	CARBON 560 JA 1/4W	R1426	401 105 0504	MT-GLAZE 1K JA 1/16W
R1203	401 021 1807	CARBON 560 JA 1/4W	R1427	401 037 5400	MT-GLAZE 1K JA 1/10W
R1205	401 105 0504	MT-GLAZE 1K JA 1/16W	R1431	401 105 0603	MT-GLAZE 10K JA 1/16W
R1210	401 105 8203	MT-GLAZE 68K JA 1/16W	R1432	401 105 0603	MT-GLAZE 10K JA 1/16W
R1211	401 113 4402	MT-GLAZE 75 JA 1/16W	R1451	401 114 0502	MT-GLAZE 2.2M JA 1/16W
R1212	401 105 8104	MT-GLAZE 56K JA 1/16W	R1452	401 105 0603	MT-GLAZE 10K JA 1/16W
R1213	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R1453	401 114 0502	MT-GLAZE 2.2M JA 1/16W
R1214	401 105 6506	MT-GLAZE 680 JA 1/16W	R1461	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R1215	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R1462	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1216	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R1463	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1217	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R1464	401 105 0504	MT-GLAZE 1K JA 1/16W
R1218	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R1465	401 105 0504	MT-GLAZE 1K JA 1/16W
R1219	401 037 5400	MT-GLAZE 1K JA 1/10W	R1471	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R1220	401 037 5400	MT-GLAZE 1K JA 1/10W	R1472	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1221	401 105 0504	MT-GLAZE 1K JA 1/16W	R1473	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1222	401 105 0504	MT-GLAZE 1K JA 1/16W	R1474	401 105 0504	MT-GLAZE 1K JA 1/16W
R1223	401 105 0504	MT-GLAZE 1K JA 1/16W	R1475	401 105 0504	MT-GLAZE 1K JA 1/16W
R1231	401 105 2706	MT-GLAZE 220 JA 1/16W	R1481	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1232	401 105 7602	MT-GLAZE 820K JA 1/16W	R1482	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1241	401 105 4106	MT-GLAZE 3.3K JA 1/16W	R1483	401 105 0405	MT-GLAZE 100 JA 1/16W
R1242	401 105 0504	MT-GLAZE 1K JA 1/16W	R1484	401 105 5905	MT-GLAZE 560 JA 1/16W
R1243	401 105 0702	MT-GLAZE 100K JA 1/16W	R1491	401 105 0603	MT-GLAZE 10K JA 1/16W
R1244	401 105 0504	MT-GLAZE 1K JA 1/16W	R1601	401 105 5202	MT-GLAZE 470 JA 1/16W
R1245	401 105 0504	MT-GLAZE 1K JA 1/16W	R1603	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R1246	401 105 0504	MT-GLAZE 1K JA 1/16W	R1604	401 105 5202	MT-GLAZE 470 JA 1/16W
R1251	401 022 1806	CARBON 680 JA 1/4W	R1606	401 105 7404	MT-GLAZE 8.2K JA 1/16W
R1252	401 105 0504	MT-GLAZE 1K JA 1/16W	R1607	401 105 0603	MT-GLAZE 10K JA 1/16W
R1253	401 105 2706	MT-GLAZE 220 JA 1/16W	R1608	401 105 2904	MT-GLAZE 22K JA 1/16W
R1254	401 105 3000	MT-GLAZE 220K JA 1/16W	R1611	401 105 0504	MT-GLAZE 1K JA 1/16W
R1255	401 105 5509	MT-GLAZE 470K JA 1/16W	R1612	401 105 4304	MT-GLAZE 330K JA 1/16W
R1256	401 105 0702	MT-GLAZE 100K JA 1/16W	R1613	401 105 1709	MT-GLAZE 150K JA 1/16W
R1257	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R1614	401 105 4007	MT-GLAZE 330 JA 1/16W
R1258	401 105 0504	MT-GLAZE 1K JA 1/16W	R1615	401 105 0702	MT-GLAZE 100K JA 1/16W
R1300	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1616	401 105 4601	MT-GLAZE 3.9K JA 1/16W
R1301	401 105 0504	MT-GLAZE 1K JA 1/16W	R1617	401 105 1006	MT-GLAZE 1.2K JA 1/16W
R1302	401 105 0504	MT-GLAZE 1K JA 1/16W	R1618	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R1303	401 105 0504	MT-GLAZE 1K JA 1/16W	R1619	401 105 3208	MT-GLAZE 270 JA 1/16W
R1304	401 105 7305	MT-GLAZE 820 JA 1/16W	R1621	401 105 4007	MT-GLAZE 330 JA 1/16W
R1305	401 105 0504	MT-GLAZE 1K JA 1/16W	R1631	401 105 0504	MT-GLAZE 1K JA 1/16W
R1306	401 105 4601	MT-GLAZE 3.9K JA 1/16W	R1632	401 105 0504	MT-GLAZE 1K JA 1/16W
R1307	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R1633	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R1308	401 105 5202	MT-GLAZE 470 JA 1/16W	R1634	401 105 0504	MT-GLAZE 1K JA 1/16W
R1309	401 105 0504	MT-GLAZE 1K JA 1/16W	R1802	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1321	401 105 0504	MT-GLAZE 1K JA 1/16W	R1804	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R1322	401 105 0504	MT-GLAZE 1K JA 1/16W	R1851	401 105 2706	MT-GLAZE 220 JA 1/16W
R1323	401 105 8203	MT-GLAZE 68K JA 1/16W	R1852	401 105 1105	MT-GLAZE 12K JA 1/16W
R1324	401 105 8104	MT-GLAZE 56K JA 1/16W	R1853	401 105 0603	MT-GLAZE 10K JA 1/16W
R1325	401 016 2505	CARBON 220 JA 1/4W	R1854	401 105 2706	MT-GLAZE 220 JA 1/16W
R1326	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R1856	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R1327	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R2001	401 113 5904	MT-GLAZE 1.3K JA 1/16W
R1328	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R2002	401 105 3406	MT-GLAZE 27K JA 1/16W
R1329	401 105 6001	MT-GLAZE 5.6K JA 1/16W	R2003	401 105 4304	MT-GLAZE 330K JA 1/16W
R1330	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2004	401 105 2706	MT-GLAZE 220 JA 1/16W
R1331	401 037 5400	MT-GLAZE 1K JA 1/10W	R2005	401 105 1105	MT-GLAZE 12K JA 1/16W
R1333	401 114 0502	MT-GLAZE 2.2M JA 1/16W	R2006	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1334	401 105 5400	MT-GLAZE 47K JA 1/16W	R2007	401 105 1105	MT-GLAZE 12K JA 1/16W
R1335	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2010	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1336	401 114 0502	MT-GLAZE 2.2M JA 1/16W	R2011	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R1341	401 105 0405	MT-GLAZE 100 JA 1/16W	R2012	401 105 4601	MT-GLAZE 3.9K JA 1/16W
R1342	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2013	401 114 0908	MT-GLAZE 3.3M JA 1/16W

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
R2014	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R3071	401 105 0504	MT-GLAZE 1K JA 1/16W
R2015	401 105 4205	MT-GLAZE 33K JA 1/16W	R3073	401 105 2201	MT-GLAZE 180K JA 1/16W
R2040	401 105 0504	MT-GLAZE 1K JA 1/16W	R3074	401 105 0603	MT-GLAZE 10K JA 1/16W
R2043	401 105 1006	MT-GLAZE 1.2K JA 1/16W	R3075	401 105 0504	MT-GLAZE 1K JA 1/16W
R2045	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R3077	401 105 0603	MT-GLAZE 10K JA 1/16W
R2046	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R3078	401 105 0603	MT-GLAZE 10K JA 1/16W
R2048	401 105 4106	MT-GLAZE 3.3K JA 1/16W	R3079	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R2071	401 105 2904	MT-GLAZE 22K JA 1/16W	R3080	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R2072	401 011 8809	CARBON 1 JA 1/4W	R3081	401 105 0603	MT-GLAZE 10K JA 1/16W
R2073	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R3082	401 105 4205	MT-GLAZE 33K JA 1/16W
R2074	401 019 9501	CARBON 47 JA 1/4W	R3083	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R2075	401 105 5905	MT-GLAZE 560 JA 1/16W	R3084	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R2076	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R3085	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R2077	401 105 0504	MT-GLAZE 1K JA 1/16W	R3086	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R2078	401 105 0603	MT-GLAZE 10K JA 1/16W	R3087	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R2079	401 105 2904	MT-GLAZE 22K JA 1/16W	R3093	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R2112	401 105 0603	MT-GLAZE 10K JA 1/16W	R3094	401 105 0504	MT-GLAZE 1K JA 1/16W
R2113	401 105 0603	MT-GLAZE 10K JA 1/16W	R3095	401 113 6307	MT-GLAZE 4.3K JA 1/16W
R2114	401 105 0603	MT-GLAZE 10K JA 1/16W	R3096	401 113 6307	MT-GLAZE 4.3K JA 1/16W
R2115	401 105 0702	MT-GLAZE 100K JA 1/16W	R3097	401 113 6307	MT-GLAZE 4.3K JA 1/16W
R2116	401 105 0405	MT-GLAZE 100 JA 1/16W	R3101	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R2117	401 105 4700	MT-GLAZE 39K JA 1/16W	R3102	401 105 1006	MT-GLAZE 1.2K JA 1/16W
R2119	401 105 0603	MT-GLAZE 10K JA 1/16W	R3103	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R2201	401 105 3208	MT-GLAZE 270 JA 1/16W	R3104	△402 067 7402	FUSIBLE RES 3.3 JA 1/2W
R2202	401 105 4205	MT-GLAZE 33K JA 1/16W	R3105	401 105 2904	MT-GLAZE 22K JA 1/16W
R2203	401 105 4007	MT-GLAZE 330 JA 1/16W	R3106	401 105 2904	MT-GLAZE 22K JA 1/16W
R2204	401 105 1204	MT-GLAZE 120K JA 1/16W	R3111	401 105 0603	MT-GLAZE 10K JA 1/16W
R3001	401 105 4304	MT-GLAZE 330K JA 1/16W	R3112	401 105 0603	MT-GLAZE 10K JA 1/16W
R3002	401 300 9104	MT-GLAZE 820K FA 1/16W	R3113	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3004	401 226 8908	MT-GLAZE 68K FA 1/16W	R3114	401 105 0603	MT-GLAZE 10K JA 1/16W
R3005	401 226 8908	MT-GLAZE 68K FA 1/16W	R3115	401 105 0603	MT-GLAZE 10K JA 1/16W
R3006	401 105 5400	MT-GLAZE 47K JA 1/16W	R3116	401 105 0603	MT-GLAZE 10K JA 1/16W
R3007	401 105 5400	MT-GLAZE 47K JA 1/16W	R3117	401 105 0603	MT-GLAZE 10K JA 1/16W
R3008	401 105 5400	MT-GLAZE 47K JA 1/16W	R3118	401 105 0603	MT-GLAZE 10K JA 1/16W
R3009	401 105 5400	MT-GLAZE 47K JA 1/16W	R3119	401 105 0603	MT-GLAZE 10K JA 1/16W
R3010	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R3120	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3011	401 105 0504	MT-GLAZE 1K JA 1/16W	R3121	401 105 0603	MT-GLAZE 10K JA 1/16W
R3012	401 105 5905	MT-GLAZE 560 JA 1/16W	R3122	401 105 0603	MT-GLAZE 10K JA 1/16W
R3013	401 105 5905	MT-GLAZE 560 JA 1/16W	R3126	401 018 2701	CARBON 330 JA 1/4W
R3014	401 105 5905	MT-GLAZE 560 JA 1/16W	R3127	401 019 9501	CARBON 47 JA 1/4W
R3016	401 105 0504	MT-GLAZE 1K JA 1/16W	R3128	401 019 9501	CARBON 47 JA 1/4W
R3017	401 113 7007	MT-GLAZE 16K JA 1/16W	R3130	401 105 0504	MT-GLAZE 1K JA 1/16W
R3018	401 113 7007	MT-GLAZE 16K JA 1/16W	R3131	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3020	401 105 0504	MT-GLAZE 1K JA 1/16W	R3133	401 105 0603	MT-GLAZE 10K JA 1/16W
R3021	401 105 0504	MT-GLAZE 1K JA 1/16W	R3134	401 105 0603	MT-GLAZE 10K JA 1/16W
R3023	401 105 6506	MT-GLAZE 680 JA 1/16W	R3135	401 105 0603	MT-GLAZE 10K JA 1/16W
R3024	401 105 6506	MT-GLAZE 680 JA 1/16W	R3136	401 105 0603	MT-GLAZE 10K JA 1/16W
R3026	401 105 0504	MT-GLAZE 1K JA 1/16W	R3137	401 105 0603	MT-GLAZE 10K JA 1/16W
R3027	401 105 5400	MT-GLAZE 47K JA 1/16W	R3138	401 105 0603	MT-GLAZE 10K JA 1/16W
R3028	401 105 0504	MT-GLAZE 1K JA 1/16W	R3139	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3029	401 105 0603	MT-GLAZE 10K JA 1/16W	R3140	401 105 0603	MT-GLAZE 10K JA 1/16W
R3031	401 105 0603	MT-GLAZE 10K JA 1/16W	R3141	401 105 0603	MT-GLAZE 10K JA 1/16W
R3033	401 105 4205	MT-GLAZE 33K JA 1/16W	R3144	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3034	401 105 0603	MT-GLAZE 10K JA 1/16W	R3145	401 105 0603	MT-GLAZE 10K JA 1/16W
R3036	401 105 4205	MT-GLAZE 33K JA 1/16W	R3146	401 105 0603	MT-GLAZE 10K JA 1/16W
R3037	401 105 0603	MT-GLAZE 10K JA 1/16W	R3147	401 105 0603	MT-GLAZE 10K JA 1/16W
R3038	401 105 0504	MT-GLAZE 1K JA 1/16W	R3148	401 012 5609	CARBON 1K JA 1/4W
R3039	401 105 0504	MT-GLAZE 1K JA 1/16W	R3153	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3040	401 105 0504	MT-GLAZE 1K JA 1/16W	R3154	401 020 1907	CARBON 4.7K JA 1/4W
R3041	401 105 0504	MT-GLAZE 1K JA 1/16W	R3155	401 012 5609	CARBON 1K JA 1/4W
R3042	401 105 0504	MT-GLAZE 1K JA 1/16W	R3156	401 020 1907	CARBON 4.7K JA 1/4W
R3043	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R3157	401 020 1907	CARBON 4.7K JA 1/4W
R3044	401 022 1806	CARBON 680 JA 1/4W	R3159	401 012 5609	CARBON 1K JA 1/4W
R3045	401 022 1806	CARBON 680 JA 1/4W	R3160	401 020 1907	CARBON 4.7K JA 1/4W
R3046	401 105 4304	MT-GLAZE 330K JA 1/16W	R3161	401 012 5609	CARBON 1K JA 1/4W
R3053	401 105 2003	MT-GLAZE 1.8K JA 1/16W	R3162	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3055	401 105 0504	MT-GLAZE 1K JA 1/16W	R3163	401 105 5905	MT-GLAZE 560 JA 1/16W
R3056	401 105 0504	MT-GLAZE 1K JA 1/16W	R3164	401 105 5905	MT-GLAZE 560 JA 1/16W
R3061	401 105 0504	MT-GLAZE 1K JA 1/16W	R3165	401 105 5905	MT-GLAZE 560 JA 1/16W
R3062	401 012 5609	CARBON 1K JA 1/4W	R3166	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3063	401 105 0504	MT-GLAZE 1K JA 1/16W	R3168	401 105 0504	MT-GLAZE 1K JA 1/16W
R3064	401 105 0504	MT-GLAZE 1K JA 1/16W	R3178	401 105 0504	MT-GLAZE 1K JA 1/16W, SRT-8960P,SRT-8960P-UK (JUMPERS)
R3065	401 105 0603	MT-GLAZE 10K JA 1/16W			MT-GLAZE 0.000 ZA 1/16W (RELAYS)
R3066	401 105 3000	MT-GLAZE 220K JA 1/16W			RELAY
R3067	401 105 0603	MT-GLAZE 10K JA 1/16W			RELAY
R3068	401 105 3000	MT-GLAZE 220K JA 1/16W			
R3069	401 020 0702	CARBON 470 JA 1/4W	RY101	645 020 7105	
R3070	401 022 1806	CARBON 680 JA 1/4W	OR	645 009 3753	

LOCATION	PARTS NO.	DESCRIPTION
RY201	645 020 7105	RELAY
OR	645 009 3753	RELAY
		(JACKS)
JK101	645 033 1787	SOCKET,BNC
JK102	645 033 1787	SOCKET,BNC
JK201	645 031 5879	JACK,RCA-2
JK202	645 023 2886	JACK,PHONE D3.6, MIC-JACK
OR	645 005 1111	JACK,PHONE D3.6, MIC-JACK
JK301	645 044 1097	JACK,PHONE D3.6
OR	645 023 2879	JACK,PHONE D3.6
		(CONNECTORS)
CN181	645 030 7416	SOCKET,FFC 6P (N.S.P)
CN303	645 007 8422	PLUG,12P (N.S.P)
CN304	645 005 7366	PLUG,2P (N.S.P)
CN306	645 009 4200	SOCKET,FFC 16P (N.S.P)
OR	645 010 2356	SOCKET,FFC 16P (N.S.P)
CN308	645 048 3974	TERMINAL,BOARD
CN312	645 005 8141	PLUG,9P (N.S.P)
CN351	645 009 4095	SOCKET,FFC 5P (N.S.P)
OR	645 012 4945	SOCKET,FPC 5P (N.S.P)
CN352	645 037 0212	PLUG,10P (N.S.P)
		(MISCELLANEOUS)
	613 053 8048	FIXER
	645 008 8070	FIXER
Y3004	412 064 4106	SPECIAL WASHER

COMPL PWB,TM-1

	613 197 9161	SRT-8960P,SRT-8960P-UK
	613 198 3755	SRT-8040P,SRT-8040P-UK
		(SEMICONDUCTOR)
Q7130	405 137 0600	TR DTC114ESA
		(INTEGRATED CIRCUIT)
IC711	409 424 6900	IC MN12510F
		(DIODES)
D7101	407 078 2705	DIODE 1SS244
D7102	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7103	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7104	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7105	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7106	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7107	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7134	407 007 9904	DIODE GMA01,SRT-8040P,SRT-8040P-UK
OR	407 012 4406	DIODE 1SS133,SRT-8040P,SRT-8040P-UK
D7135	407 007 9904	DIODE GMA01,SRT-8960P,SRT-8960P-UK
OR	407 012 4406	DIODE 1SS133,SRT-8960P,SRT-8960P-UK
D7136	407 007 9904	DIODE GMA01,SRT-8960P,SRT-8960P-UK
OR	407 012 4406	DIODE 1SS133,SRT-8960P,SRT-8960P-UK
D7137	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7139	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7144	407 007 9904	DIODE GMA01,SRT-8960P,SRT-8960P-UK
OR	407 012 4406	DIODE 1SS133,SRT-8960P,SRT-8960P-UK
D7150	408 040 4406	LED SEL2210RMTP2-C
OR	408 039 0501	LED SLZ-981B-03H-T1
D7151	408 040 4604	LED SEL2415EMTP2-C
OR	408 039 0402	LED SLZ-381B-03H-T1
		(CRYSTAL DEVICE)
X7101	645 006 3435	OSC,CERAMIC 4.000MHZ
		(INDUCTOR)
L7101	645 006 1301	INDUCTOR,10U J
		(CAPACITORS)
C7103	403 139 1809	ELECT47U M 16V
C7104	403 001 1906	CERAMIC 0.01U M 16V
C7105	403 121 9509	CERAMIC 0.1U Z 50V
C7108	403 068 9402	CERAMIC 100P K 50V
C7110	403 074 6303	CERAMIC 560P K 50V
C7111	403 074 6303	CERAMIC 560P K 50V
C7112	403 074 6303	CERAMIC 560P K 50V
C7113	403 074 6303	CERAMIC 560P K 50V

LOCATION	PARTS NO.	DESCRIPTION
		(RESISTORS)
R7102	401 021 1807	CARBON 560 JA 1/4W
R7103	401 021 1807	CARBON 560 JA 1/4W
R7104	401 021 1807	CARBON 560 JA 1/4W
R7105	401 021 1807	CARBON 560 JA 1/4W
R7106	401 022 4005	CARBON 68K JA 1/4W
R7107	401 022 4005	CARBON 68K JA 1/4W
R7108	401 022 4005	CARBON 68K JA 1/4W
R7109	401 022 4005	CARBON 68K JA 1/4W
R7114	401 022 4005	CARBON 68K JA 1/4W
R7115	401 022 4005	CARBON 68K JA 1/4W
R7116	401 022 4005	CARBON 68K JA 1/4W
R7117	401 022 4005	CARBON 68K JA 1/4W
R7118	401 022 4005	CARBON 68K JA 1/4W
R7122	401 022 4005	CARBON 68K JA 1/4W
R7123	401 022 4005	CARBON 68K JA 1/4W
R7124	401 022 4005	CARBON 68K JA 1/4W
R7125	401 022 4005	CARBON 68K JA 1/4W
R7130	401 015 1509	CARBON 180 JA 1/4W
R7131	401 014 2804	CARBON 150 JA 1/4W
R7137	401 012 1007	CARBON 1.5 JA 1/4W
R7139	401 012 5609	CARBON 1K JA 1/4W
		(SWITCHES)
S7101	645 006 2797	SWITCH,PUSH 1P-1T, POWER
OR	645 008 8049	SWITCH,PUSH 1P-1T, POWER
OR	645 011 5172	SWITCH,PUSH 1P-1T, POWER
OR	645 011 5165	SWITCH,PUSH 1P-1T, POWER
S7102	645 006 2797	SWITCH,PUSH 1P-1T, TIMER
OR	645 008 8049	SWITCH,PUSH 1P-1T, TIMER
OR	645 011 5172	SWITCH,PUSH 1P-1T, TIMER
OR	645 011 5165	SWITCH,PUSH 1P-1T, TIMER
S7103	645 006 2797	SWITCH,PUSH 1P-1T, DISPLAY
OR	645 008 8049	SWITCH,PUSH 1P-1T, DISPLAY
OR	645 011 5172	SWITCH,PUSH 1P-1T, DISPLAY
OR	645 011 5165	SWITCH,PUSH 1P-1T, DISPLAY
S7104	645 006 2797	SWITCH,PUSH 1P-1T, MENU RESET
OR	645 008 8049	SWITCH,PUSH 1P-1T, MENU RESET
OR	645 011 5172	SWITCH,PUSH 1P-1T, MENU RESET
OR	645 011 5165	SWITCH,PUSH 1P-1T, MENU RESET
S7105	645 006 2797	SWITCH,PUSH 1P-1T, REC
OR	645 008 8049	SWITCH,PUSH 1P-1T, REC
S7106	645 006 2797	SWITCH,PUSH 1P-1T, R/P SPEED UP
OR	645 008 8049	SWITCH,PUSH 1P-1T, R/P SPEED UP
S7107	645 006 2797	SWITCH,PUSH 1P-1T, R/P SPEED DOWN
OR	645 008 8049	SWITCH,PUSH 1P-1T, R/P SPEED DOWN
S7108	645 006 2797	SWITCH,PUSH 1P-1T, CT.MEMORY
OR	645 008 8049	SWITCH,PUSH 1P-1T, CT.MEMORY
OR	645 011 5172	SWITCH,PUSH 1P-1T, CT.MEMORY
OR	645 011 5165	SWITCH,PUSH 1P-1T, CT.MEMORY
S7109	645 006 2797	SWITCH,PUSH 1P-1T, CT. RESET
OR	645 008 8049	SWITCH,PUSH 1P-1T, CT. RESET
OR	645 011 5172	SWITCH,PUSH 1P-1T, CT. RESET
OR	645 011 5165	SWITCH,PUSH 1P-1T, CT. RESET
S7110	645 006 2797	SWITCH,PUSH 1P-1T, SECURITY LOCK
OR	645 008 8049	SWITCH,PUSH 1P-1T, SECURITY LOCK
OR	645 011 5172	SWITCH,PUSH 1P-1T, SECURITY LOCK
OR	645 011 5165	SWITCH,PUSH 1P-1T, SECURITY LOCK
S7111	645 006 2797	SWITCH,PUSH 1P-1T, TR+(SHIFT D)
OR	645 008 8049	SWITCH,PUSH 1P-1T, TR+(SHIFT D)
OR	645 011 5172	SWITCH,PUSH 1P-1T, TR+(SHIFT D)
OR	645 011 5165	SWITCH,PUSH 1P-1T, TR+(SHIFT D)
S7112	645 006 2797	SWITCH,PUSH 1P-1T, TR-(SHIFT R)
OR	645 008 8049	SWITCH,PUSH 1P-1T, TR-(SHIFT R)
OR	645 011 5172	SWITCH,PUSH 1P-1T, TR-(SHIFT R)
OR	645 011 5165	SWITCH,PUSH 1P-1T, TR-(SHIFT R)
S7120	645 006 2797	SWITCH,PUSH 1P-1T
OR	645 008 8049	SWITCH,PUSH 1P-1T
OR	645 011 5172	SWITCH,PUSH 1P-1T
OR	645 011 5165	SWITCH,PUSH 1P-1T
		(DISPLAYS)
A7101	613 117 0629	FLUORESCENT TUBE
		(CONNECTORS)
CN711	645 010 0727	SOCKET,FFC 16P (N.S.P)
OR	645 010 2592	SOCKET,FFC 16P (N.S.P)
CN712	645 004 1860	SOCKET,RIBBON 13P (N.S.P)
		(MISCELLANEOUS)
	613 108 4230	HOLDER, FLD HOLDER

LOCATION	PARTS NO.	DESCRIPTION
COMPL PWB,TM-2		
	613 196 5775	
(DIODES)		
D7206	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7207	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7208	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
D7209	407 007 9904	DIODE GMA01
OR	407 012 4406	DIODE 1SS133
(SWITCHES)		
S7200	613 100 8168	SW.ROTARY JOG SHUTTLE,
S7202	645 006 2797	SWITCH,PUSH 1P-1T, AD PLAY
OR	645 008 8049	SWITCH,PUSH 1P-1T, AD PLAY
S7205	645 006 2797	SWITCH,PUSH 1P-1T, STILL
OR	645 008 8049	SWITCH,PUSH 1P-1T, STILL
OR	645 011 5172	SWITCH,PUSH 1P-1T, STILL
OR	645 011 5165	SWITCH,PUSH 1P-1T, STILL
S7206	645 006 2797	SWITCH,PUSH 1P-1T, PLAY
OR	645 008 8049	SWITCH,PUSH 1P-1T, PLAY
S7207	645 006 2797	SWITCH,PUSH 1P-1T, STOP
OR	645 008 8049	SWITCH,PUSH 1P-1T, STOP
OR	645 011 5172	SWITCH,PUSH 1P-1T, STOP
OR	645 011 5165	SWITCH,PUSH 1P-1T, STOP
S7208	645 006 2797	SWITCH,PUSH 1P-1T, MENU
OR	645 008 8049	SWITCH,PUSH 1P-1T, MENU
S7209	645 006 2797	SWITCH,PUSH 1P-1T, EJECT
OR	645 008 8049	SWITCH,PUSH 1P-1T, EJECT
COMPL PWB,PW-1		
	613 197 5699	SRT-8960P,SRT-8960P-UK
	613 198 3205	SRT-8040P,SRT-8040P-UK
(VARISTER)		
VA501	△ 408 023 9701	VARISTER ENC471D-05AS6
(SEMICONDUCTORS)		
Q5002	405 013 7006	TR 2SC2274-F
OR	405 013 7303	TR 2SC2274K-F
Q5003	405 006 6702	TR 2SA984-F
OR	405 006 7204	TR 2SA984K-F
Q5004	405 013 7006	TR 2SC2274-F
OR	405 013 7303	TR 2SC2274K-F
Q5010	405 126 0208	TR 2SK1460LS
Q5140	405 131 9500	TR 2SD2396-H
OR	405 131 9609	TR 2SD2396-J
Q5141	405 000 2205	TR DTA144ES
Q5142	405 000 6104	TR DTC144ES
(INTEGRATED CIRCUITS)		
IC511	409 067 7203	IC L5431
IC513	409 067 7203	IC L5431
(DIODES)		
D5001	407 197 6509	DIODE DB155G-S
OR	407 104 5304	DIODE S1WB(A)60
D5003	407 078 2705	DIODE 1SS244
D5006	407 078 2705	DIODE 1SS244
D5010	407 091 6704	DIODE AP01C
D5011	407 078 2705	DIODE 1SS244
D5012	408 038 0908	ZENER DIODE 1.5KE150A
D5013	△ 407 219 8306	PHOTO COUPLE SFH615AGR17
OR	△ 407 169 5608	PHOTO COUPLE PC123U2
D5101	407 198 2500	DIODE SF24
OR	407 160 9308	DIODE ERB93-02L3
D5104	407 160 9308	DIODE ERB93-02L3
OR	407 169 5707	DIODE RL2Z-LF-C4
D5105	407 078 2705	DIODE 1SS244
D5106	407 078 2705	DIODE 1SS244
D5107	407 211 1404	DIODE D1NL20U
OR	407 100 6909	DIODE AG01
D5108	407 063 8507	ZENER DIODE MTZJ4.7C
D5109	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5110	407 099 5501	ZENER DIODE MTZJ6.2C
(INDUCTORS)		
L5001	△ 645 040 6041	LINE FILTER
OR	△ 645 013 5620	LINE FILTER

LOCATION	PARTS NO.	DESCRIPTION
L5010	645 006 3602	INDUCTOR,1.1UH
OR	645 024 3417	INDUCTOR,2.0UH
L5011	645 006 3602	INDUCTOR,1.1UH
OR	645 024 3417	INDUCTOR,2.0UH
L5012	645 006 3602	INDUCTOR,1.1UH
OR	645 024 3417	INDUCTOR,2.0UH
L5013	645 006 3602	INDUCTOR,1.1UH
OR	645 024 3417	INDUCTOR,2.0UH
L5101	645 011 6957	INDUCTOR,10U
L5102	645 011 6957	INDUCTOR,10U
(TRANSFORMERS)		
T5001	△ 645 020 8676	TRANS,POWER,PULSE
(CAPACITORS)		
C5001	△ 404 082 6804	MT-POLYEST 0.068U M 250V
C5002	△ 404 082 6804	MT-POLYEST 0.068U M 250V
C5005	△ 404 074 2104	CERAMIC 1000P M 250V
C5007	△ 404 074 2104	CERAMIC 1000P M 250V
C5010	403 249 0204	ELECT 47U M 400V
C5011	403 304 8909	ELECT 2.2U M 50V
C5012	403 076 2402	CERAMIC 3300P K 500V
C5014	403 057 3107	POLYESTER 0.1U K 50V
C5019	403 024 7107	CERAMIC 390P J 50V
C5020	403 255 8508	CERAMIC 47P J 1K
C5101	403 313 8907	ELECT 1000U M 6.3V
C5102	403 313 8907	ELECT 1000U M 6.3V
C5103	403 314 0207	ELECT 1000U M 16V
C5104	403 314 0207	ELECT 1000U M 16V
C5105	403 057 3107	POLYESTER 0.1U K 50V,
		SRT-8960P,SRT-8960P-UK
C5108	403 304 9302	ELECT 47U M 50V
C5109	403 301 1309	ELECT 47U M 35V
C5110	403 301 1507	ELECT 220U M 6.3V
C5111	403 057 3107	POLYESTER 0.1U K 50V
C5119	403 134 9602	ELECT 47U M 16V
C5124	403 313 0604	ELECT 0.47U M 50V
C5130	403 076 3607	CERAMIC 470P K 500V
(RESISTORS)		
R5001	402 013 9108	SOLID 2.7M KB 1/2W
R5002	401 017 3709	CARBON 270K JA 1/4W
R5003	401 017 3709	CARBON 270K JA 1/4W
R5004	401 017 3709	CARBON 270K JA 1/4W
R5010	401 037 5608	MT-GLAZE 10K JA 1/10W
R5011	401 037 9101	MT-GLAZE 180 JA 1/10W
R5012	401 038 3801	MT-GLAZE 330K JA 1/10W
R5013	401 037 9200	MT-GLAZE 1.8K JA 1/10W
R5014	401 038 9308	MT-GLAZE 68K JA 1/10W
R5015	401 038 0800	MT-GLAZE 22K JA 1/10W
R5101	401 038 3504	MT-GLAZE 330 JA 1/10W
R5102	401 038 0602	MT-GLAZE 220 JA 1/10W
R5103	401 038 7601	MT-GLAZE 560 JA 1/10W
R5104	401 022 3008	CARBON 6.8K JA 1/4W
R5111	401 038 7601	MT-GLAZE 560 JA 1/10W
R5114	401 038 3405	MT-GLAZE 33 JA 1/10W
R5115	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R5120	401 016 2505	CARBON 220 JA 1/4W
R5121	401 016 2505	CARBON 220 JA 1/4W
R5122	401 021 7007	CARBON 6.8 JA 1/4W
R5123	401 037 9200	MT-GLAZE 1.8K JA 1/10W
R5140	401 014 4006	CARBON 1.5K JA 1/4W
R5141	401 014 4006	CARBON 1.5K JA 1/4W
R5142	401 277 4201	MT-GLAZE 8.2K DC 1/10W
R5143	401 276 7203	MT-GLAZE 2.2K DC 1/10W
R5144	401 038 0602	MT-GLAZE 220 JA 1/10W
R5145	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R5150	401 037 5202	MT-GLAZE 100 JA 1/10W
(FUSES)		
F5001	△ 423 021 8402	FUSE 250V 2.5A
OR	△ 423 022 6506	FUSE 250V 2.5A
OR	△ 423 025 9900	FUSE 250V 2.5A
(PROTECTORS)		
PR511	△ 645 005 9834	PROTECTOR,IC 1.0A 50V
PR512	△ 645 005 9834	PROTECTOR,IC 1.0A 50V
(CONNECTORS)		
CN501	△ 645 008 7691	SOCKET,INLET AC
CN511	645 005 8172	PLUG,15P (N.S.P)
CN513	645 005 8172	PLUG,15P (N.S.P),
		SRT-8960P,SRT-8960P-UK

LOCATION	PARTS NO.	DESCRIPTION
		(MISCELLANEOUS)
OR	645 008 7677	HOLDER,FUSE,F5001
OR	645 008 7660	HOLDER,FUSE,F5001
	645 016 0479	HOLDER,FUSE,F5001
	613 184 3998	HOLDER, HOLDER
	613 104 2926	HOLDER, FOR.PW1

COMPL PWB,PW-2

	613 198 0587	SRT-8960P,SRT-8960P-UK
		(SEMICONDUCTORS)
Q5450	405 165 1907	TR F570KMJ,SRT-8960P,SRT-8960P-UK
Q5451	405 013 7006	TR 2SC2274-F,SRT-8960P,SRT-8960P-UK
OR	405 013 7303	TR 2SC2274K-F,SRT-8960P,SRT-8960P-UK
Q5452	405 006 6702	TR 2SA984-F,SRT-8960P,SRT-8960P-UK
OR	405 006 7204	TR 2SA984K-F,SRT-8960P,SRT-8960P-UK
Q5453	405 013 7006	TR 2SC2274-F,SRT-8960P,SRT-8960P-UK
OR	405 013 7303	TR 2SC2274K-F,SRT-8960P,SRT-8960P-UK
Q5454	405 013 6801	TR 2SC2274-E,SRT-8960P,SRT-8960P-UK
OR	405 013 7006	TR 2SC2274-F,SRT-8960P,SRT-8960P-UK
OR	405 013 7204	TR 2SC2274K-E,SRT-8960P,SRT-8960P-UK
OR	405 013 7303	TR 2SC2274K-F,SRT-8960P,SRT-8960P-UK
Q5455	405 000 2908	TR DTC114EK,SRT-8960P,SRT-8960P-UK
Q5461	405 000 2908	TR DTC114EK,SRT-8960P,SRT-8960P-UK
Q5480	405 006 6702	TR 2SA984-F,SRT-8960P,SRT-8960P-UK
OR	405 006 7204	TR 2SA984K-F,SRT-8960P,SRT-8960P-UK
Q5481	405 125 3200	TR 2SC5070,SRT-8960P,SRT-8960P-UK
Q5482	405 131 9500	TR 2SD2396-H,SRT-8960P,SRT-8960P-UK
OR	405 131 9609	TR 2SD2396-J,SRT-8960P,SRT-8960P-UK
Q5483	405 011 8401	TR 2SC1740S-Q,SRT-8960P,SRT-8960P-UK
OR	405 011 8500	TR 2SC1740S-R,SRT-8960P,SRT-8960P-UK
OR	405 143 8805	TR KTC3199-Y,SRT-8960P,SRT-8960P-UK
OR	405 143 8706	TR KTC3199-GR,SRT-8960P,SRT-8960P-UK
OR	405 015 7004	TR 2SC2785-J,SRT-8960P,SRT-8960P-UK
OR	405 015 6403	TR 2SC2785-F,SRT-8960P,SRT-8960P-UK
OR	405 099 8508	TR 2SC4640S,SRT-8960P,SRT-8960P-UK
OR	405 099 8607	TR 2SC4640T,SRT-8960P,SRT-8960P-UK
Q5484	405 000 1109	TR DTA124EK,SRT-8960P,SRT-8960P-UK
Q5485	405 000 2908	TR DTC114EK,SRT-8960P,SRT-8960P-UK
Q5486	405 000 2908	TR DTC114EK,SRT-8960P,SRT-8960P-UK
		(INTEGRATED CIRCUITS)
IC545	409 067 7203	IC L5431,SRT-8960P,SRT-8960P-UK
IC546	409 225 2309	IC PQ12RF11,SRT-8960P,SRT-8960P-UK
IC548	409 067 7203	IC L5431,SRT-8960P,SRT-8960P-UK
		(DIODES)
D5450	407 004 9709	DIODE DSK10C,SRT-8960P,SRT-8960P-UK
OR	407 005 8701	DIODE ERA15-02,SRT-8960P,SRT-8960P-UK
D5452	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5453	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5456	407 099 7000	ZENER DIODE MTZJ15B, SRT-8960P,SRT-8960P-UK
D5458	407 100 0402	ZENER DIODE MTZJ36C, SRT-8960P,SRT-8960P-UK
OR	407 100 0303	ZENER DIODE MTZJ36B, SRT-8960P,SRT-8960P-UK
OR	407 100 0501	ZENER DIODE MTZJ36D, SRT-8960P,SRT-8960P-UK
D5460	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5482	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5483	407 100 6909	DIODE AG01,SRT-8960P,SRT-8960P-UK
D5486	407 099 5600	ZENER DIODE MTZJ6.8A, SRT-8960P,SRT-8960P-UK
D5487	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5488	407 194 4607	DIODE ERC91-02L35,SRT-8960P,SRT-8960P-UK
D5489	408 041 9301	DIODE ERC81-004L37, SRT-8960P,SRT-8960P-UK
OR	408 038 5309	DIODE ERC81-004J11, SRT-8960P,SRT-8960P-UK
D5490	407 099 5303	ZENER DIODE MTZJ5.6B, SRT-8960P,SRT-8960P-UK
D5491	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5492	407 099 5204	ZENER DIODE MTZJ5.1B, SRT-8960P,SRT-8960P-UK
D5493	407 078 2705	DIODE 1SS244,SRT-8960P,SRT-8960P-UK
D5494	407 099 9608	ZENER DIODE MTZJ30C, SRT-8960P,SRT-8960P-UK

LOCATION	PARTS NO.	DESCRIPTION
D5494	407 099 9509	ZENER DIODE MTZJ30B, SRT-8960P,SRT-8960P-UK
D5494	407 099 9707	ZENER DIODE MTZJ30D, SRT-8960P,SRT-8960P-UK
		(INDUCTORS)
L5451	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
L5452	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
L5453	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
L5454	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
L5455	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
L5480	645 011 6957	INDUCTOR,10U,SRT-8960P,SRT-8960P-UK
L5481	645 011 6957	INDUCTOR,10U,SRT-8960P,SRT-8960P-UK
L5482	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
L5483	645 006 3602	INDUCTOR,1.1UH,SRT-8960P,SRT-8960P-UK
		(TRANSFORMER)
T5450	△645 021 4301	TRANS,POWER,PULSE, SRT-8960P,SRT-8960P-UK
		(CAPACITORS)
C5450	403 057 3107	POLYESTER 0.1U K 50V, SRT-8960P,SRT-8960P-UK
C5451	403 301 1408	ELECT 100U M 50V,SRT-8960P,SRT-8960P-UK
C5452	403 358 7606	ELECT 470U M 35V,SRT-8960P,SRT-8960P-UK
C5454	403 374 9806	CERAMIC 0.022U K 250V, SRT-8960P,SRT-8960P-UK
C5455	403 374 9707	CERAMIC 0.01U K 250V, SRT-8960P,SRT-8960P-UK
C5456	403 181 8207	POLYESTER 0.1U K 50V, SRT-8960P,SRT-8960P-UK
C5457	403 157 7203	CERAMIC 3900P K 50V, SRT-8960P,SRT-8960P-UK
C5459	403 301 1200	ELECT 22U M 50V,SRT-8960P,SRT-8960P-UK
C5460	403 181 8207	POLYESTER 0.1U K 50V, SRT-8960P,SRT-8960P-UK
C5461	403 075 6906	CERAMIC 100P K 500V, SRT-8960P,SRT-8960P-UK
C5463	403 374 9707	CERAMIC 0.01U K 250V, SRT-8960P,SRT-8960P-UK
C5464	403 374 9806	CERAMIC 0.022U K 250V, SRT-8960P,SRT-8960P-UK
C5480	403 313 9508	ELECT 1000U M 10V,SRT-8960P,SRT-8960P-UK
C5481	403 304 9203	ELECT 220U M 16V,SRT-8960P,SRT-8960P-UK
C5482	403 377 7106	ELECT 470U M 25V,SRT-8960P,SRT-8960P-UK
C5483	403 304 9203	ELECT 220U M 16V,SRT-8960P,SRT-8960P-UK
C5484	403 377 7205	ELECT 47U M 50V,SRT-8960P,SRT-8960P-UK
C5485	403 301 1507	ELECT 220U M 6.3V,SRT-8960P,SRT-8960P-UK
C5486	403 121 9509	CERAMIC 0.1U Z 50V, SRT-8960P,SRT-8960P-UK
C5488	403 304 8909	ELECT 2.2U M 50V,SRT-8960P,SRT-8960P-UK
C5489	403 121 9509	CERAMIC 0.1U Z 50V, SRT-8960P,SRT-8960P-UK
C5490	403 304 9203	ELECT 220U M 16V,SRT-8960P,SRT-8960P-UK
C5491	403 076 0507	CERAMIC 2200P K 500V, SRT-8960P,SRT-8960P-UK
C5493	403 304 8909	ELECT 2.2U M 50V,SRT-8960P,SRT-8960P-UK
C5495	403 071 7402	CERAMIC 2200P K 50V, SRT-8960P,SRT-8960P-UK
C5496	403 304 8909	ELECT 2.2U M 50V,SRT-8960P,SRT-8960P-UK
C5497	403 121 9509	CERAMIC 0.1U Z 50V, SRT-8960P,SRT-8960P-UK
C5498	403 313 6606	ELECT 47U M 16V,SRT-8960P,SRT-8960P-UK
C5499	403 316 7006	ELECT 33U M 50V,SRT-8960P,SRT-8960P-UK
		(RESISTORS)
R5450	401 067 5104	OXIDE-MT 330 JA 2W, SRT-8960P,SRT-8960P-UK
R5451	401 067 5104	OXIDE-MT 330 JA 2W, SRT-8960P,SRT-8960P-UK
R5452	401 105 0603	MT-GLAZE 10K JA 1/16W, SRT-8960P,SRT-8960P-UK
R5453	401 158 4108	MT-GLAZE 4.7 JA 1/16W, SRT-8960P,SRT-8960P-UK
R5454	401 105 8203	MT-GLAZE 68K JA 1/16W, SRT-8960P,SRT-8960P-UK
R5455	401 105 1501	MT-GLAZE 1.5K JA 1/16W, SRT-8960P,SRT-8960P-UK
R5457	401 105 1006	MT-GLAZE 1.2K JA 1/16W, SRT-8960P,SRT-8960P-UK
R5458	401 105 4601	MT-GLAZE 3.9K JA 1/16W, SRT-8960P,SRT-8960P-UK

LOCATION	PARTS NO.	DESCRIPTION	LOCATION	PARTS NO.	DESCRIPTION
R5459	401 105 2805	MT-GLAZE 2.2K JA 1/16W, SRT-8960P,SRT-8960P-UK	R5500	401 022 3008	CARBON 6.8K JA 1/4W, SRT-8960P,SRT-8960P-UK
R5460	401 105 4106	MT-GLAZE 3.3K JA 1/16W, SRT-8960P,SRT-8960P-UK	R5501	401 022 3008	CARBON 6.8K JA 1/4W, SRT-8960P,SRT-8960P-UK
R5461	401 105 0306	MT-GLAZE 10 JA 1/16W, SRT-8960P,SRT-8960P-UK		401 105 7909	(JUMPERS) MT-GLAZE 0.000 ZA 1/16W, SRT-8960P,SRT-8960P-UK
R5462	401 105 0702	MT-GLAZE 100K JA 1/16W, SRT-8960P,SRT-8960P-UK	F5450	△ 423 028 8702	(FUSE) FUSE 250V 5A,SRT-8960P, SRT-8960P-UK
R5463	401 105 2904	MT-GLAZE 22K JA 1/16W, SRT-8960P,SRT-8960P-UK	PR545	△ 645 043 5461	(PROTECTORS) PROTECTOR,1.25A 125V, SRT-8960P,SRT-8960P-UK
R5464	401 105 5905	MT-GLAZE 560 JA 1/16W, SRT-8960P,SRT-8960P-UK	OR	△ 645 014 2529	PROTECTOR,1.25A 125V, SRT-8960P,SRT-8960P-UK
R5465	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK	PR546	△ 645 043 5461	PROTECTOR,1.25A 125V, SRT-8960P,SRT-8960P-UK
R5466	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK	OR	△ 645 014 2529	PROTECTOR,1.25A 125V, SRT-8960P,SRT-8960P-UK
R5467	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK	PR547	△ 645 043 5461	PROTECTOR,1.25A 125V, SRT-8960P,SRT-8960P-UK
R5468	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK	OR	△ 645 014 2529	PROTECTOR,1.25A 125V, SRT-8960P,SRT-8960P-UK
R5469	401 105 5905	MT-GLAZE 560 JA 1/16W, SRT-8960P,SRT-8960P-UK			(CONNECTORS) PLUG,3P (N.S.P), SRT-8960P,SRT-8960P-UK
R5470	401 105 5301	MT-GLAZE 4.7K JA 1/16W, SRT-8960P,SRT-8960P-UK	CN546	645 005 8226	PLUG,10P (N.S.P), SRT-8960P,SRT-8960P-UK
R5471	401 105 4106	MT-GLAZE 3.3K JA 1/16W, SRT-8960P,SRT-8960P-UK	CN547	645 006 0977	(MISCELLANEOUS) HOLDER,FUSE,F5450, SRT-8960P,SRT-8960P-UK
R5472	401 105 0504	MT-GLAZE 1K JA 1/16W, SRT-8960P,SRT-8960P-UK		645 008 7677	HOLDER,FUSE,F5450, SRT-8960P,SRT-8960P-UK
R5473	401 105 5905	MT-GLAZE 560 JA 1/16W, SRT-8960P,SRT-8960P-UK	OR	645 008 7660	HOLDER,FUSE,F5450, SRT-8960P,SRT-8960P-UK
R5474	401 105 5905	MT-GLAZE 560 JA 1/16W, SRT-8960P,SRT-8960P-UK	OR	645 016 0479	HOLDER,FUSE,F5450, SRT-8960P,SRT-8960P-UK
R5475	401 105 2904	MT-GLAZE 22K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5476	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK			
R5477	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK			
R5478	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK			
R5479	401 038 1302	MT-GLAZE 2.4K JA 1/10W, SRT-8960P,SRT-8960P-UK			
R5480	401 166 6408	MT-FILM 200 DU 1/16W, SRT-8960P,SRT-8960P-UK			
R5481	401 166 7504	MT-FILM 560 DU 1/16W, SRT-8960P,SRT-8960P-UK			
R5482	401 166 7504	MT-FILM 560 DU 1/16W, SRT-8960P,SRT-8960P-UK			
R5483	401 105 0504	MT-GLAZE 1K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5484	401 105 5905	MT-GLAZE 560 JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5485	401 105 5202	MT-GLAZE 470 JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5486	401 105 3307	MT-GLAZE 2.7K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5487	401 105 0603	MT-GLAZE 10K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5488	401 105 5400	MT-GLAZE 47K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5490	S 402 004 0008	FUSIBLE RES 10 JA 1/4W, SRT-8960P,SRT-8960P-UK			
R5492	401 105 0504	MT-GLAZE 1K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5493	401 166 6309	MT-FILM 180 DU 1/16W, SRT-8960P,SRT-8960P-UK			
R5494	401 166 7504	MT-FILM 560 DU 1/16W, SRT-8960P,SRT-8960P-UK			
R5495	401 166 7504	MT-FILM 560 DU 1/16W, SRT-8960P,SRT-8960P-UK			
R5496	401 105 5301	MT-GLAZE 4.7K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5497	401 113 6109	MT-GLAZE 2.4K JA 1/16W, SRT-8960P,SRT-8960P-UK			
R5498	401 105 7909	MT-GLAZE 0.000 ZA 1/16W, SRT-8960P,SRT-8960P-UK			
R5499	401 105 2904	MT-GLAZE 22K JA 1/16W, SRT-8960P,SRT-8960P-UK			

COMPL PWB,TB-1

613 196 5782 SRT-8960P,SRT-8960P-UK

(CONNECTORS)

CN851 645 023 2909 TERMINAL,BOARD,SRT-8960P,SRT-8960P-UK

FLEXIBLE FLAT CABLE

W0002 645 045 1379 FLEXIBLE FLAT CABLE,CN306-CN711
OR 645 036 6260 FLEXIBLE FLAT CABLE,CN306-CN711
W0003 645 049 4147 FLEXIBLE FLAT CABLE,CN351-MH
OR 645 031 6081 FLEXIBLE FLAT CABLE,CN351-MH

COMPL PWB,MC-1

613 181 4967

(CAPACITORS)

C8001 403 121 9509 CERAMIC 0.1U Z 50V

(RESISTORS)

R8003 401 017 0708 CARBON 270 JA 1/4W
R8004 401 014 2804 CARBON 150 JA 1/4W
R8005 401 017 0708 CARBON 270 JA 1/4W

(SWITCHES)

S8002 645 003 4589 SWITCH,DETECTOR 1P-1T
OR 645 009 3388 SWITCH,DETECTOR 1P-1T

(CONNECTOR)

CN801 645 007 8446 SOCKET,12P (N.S.P)

(MISCELLANEOUS)

613 152 4002 SPACER,MC1

CIRCUIT DIAGRAMS & PRINTED WIRING BOARDS

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NOTES:

1. All resistance values in "OHMS" unless otherwise noted.
(K=1,000 ; M=1,000,000)
2. All capacitance values in "μF" unless otherwise noted.
p=pico farad ; μ ,u or U=micro farad
3. All inductance values in "μH" unless otherwise noted.
μ ,u or U=micro henry ; m=milli henry

PRODUCT SAFETY NOTICE

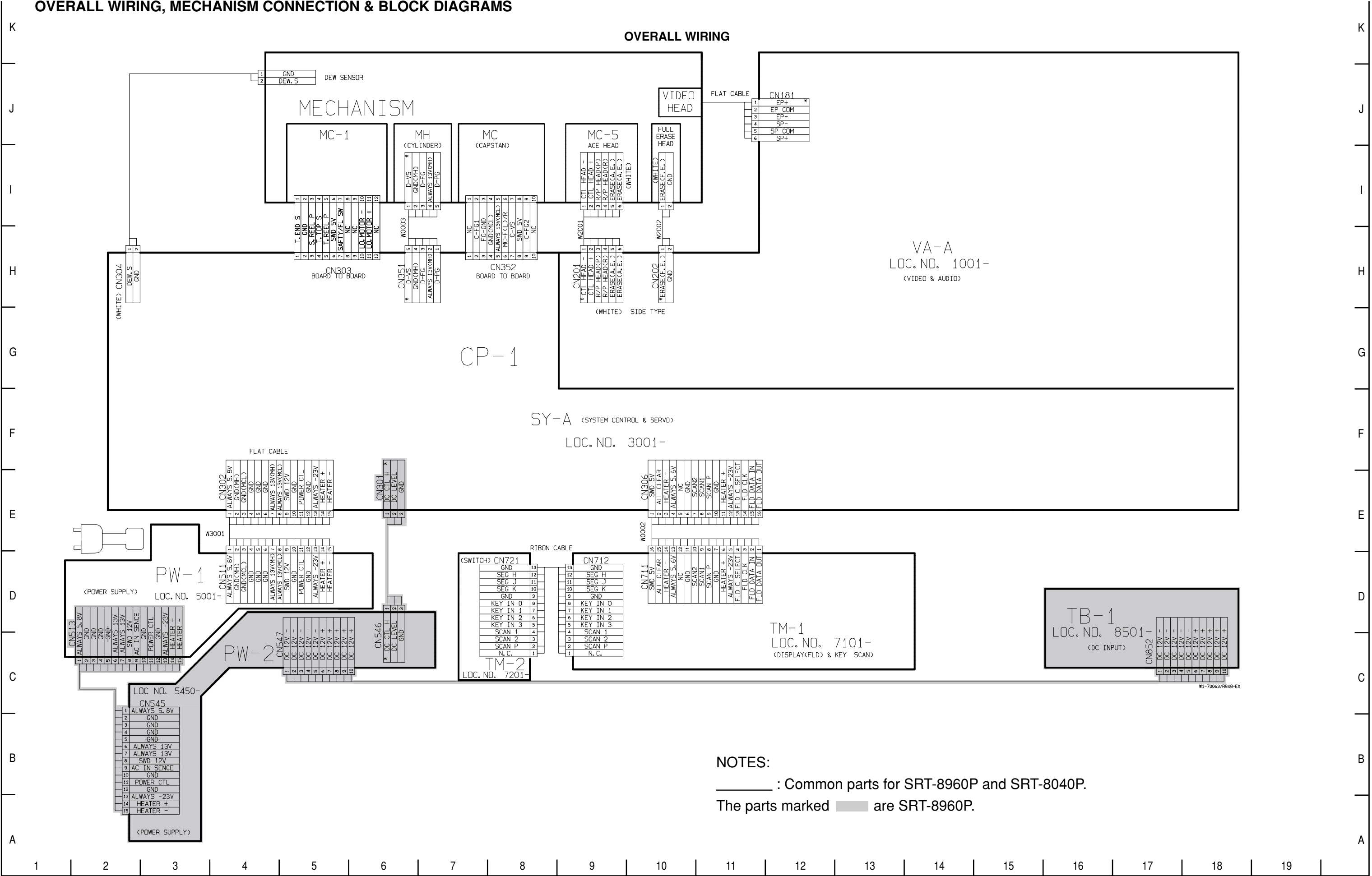
THE COMPONENTS DESIGNATED BY A SYMBOL () IN THIS SCHEMATIC DIAGRAM DESIGNATES COMPONENTS WHOSE VALUE ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A SYMBOL NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST.
DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLT-AGE RATINGS SHOWN.

EXPLANATORY NOTES (EXAMPLES)

Resistor 10K:1/16J means 10kilo ohm $\pm 5\%$, 1/16watt max.
1M:1/10K means 1mega ohm $\pm 10\%$, 1/10watt max.
Capacitor 0.047:F means 0.047micro farad, Ftype.
Electrolytic capacitor
10:16 means 10micro farad, 16volt max.
Inductor 330:J means 330micro henry $\pm 5\%$
470:K means 470micro henry $\pm 10\%$
No description J or K means $\pm 5\%$

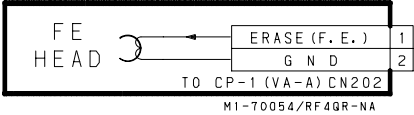
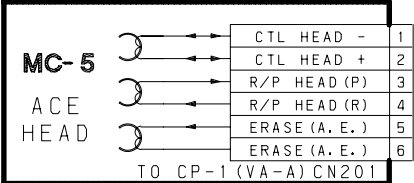
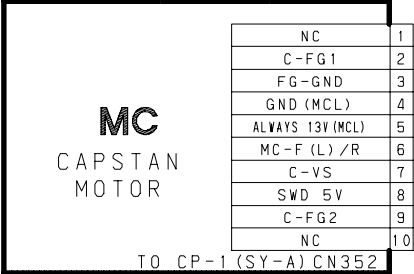
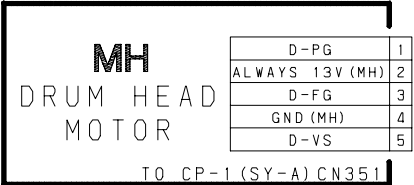
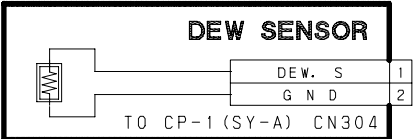
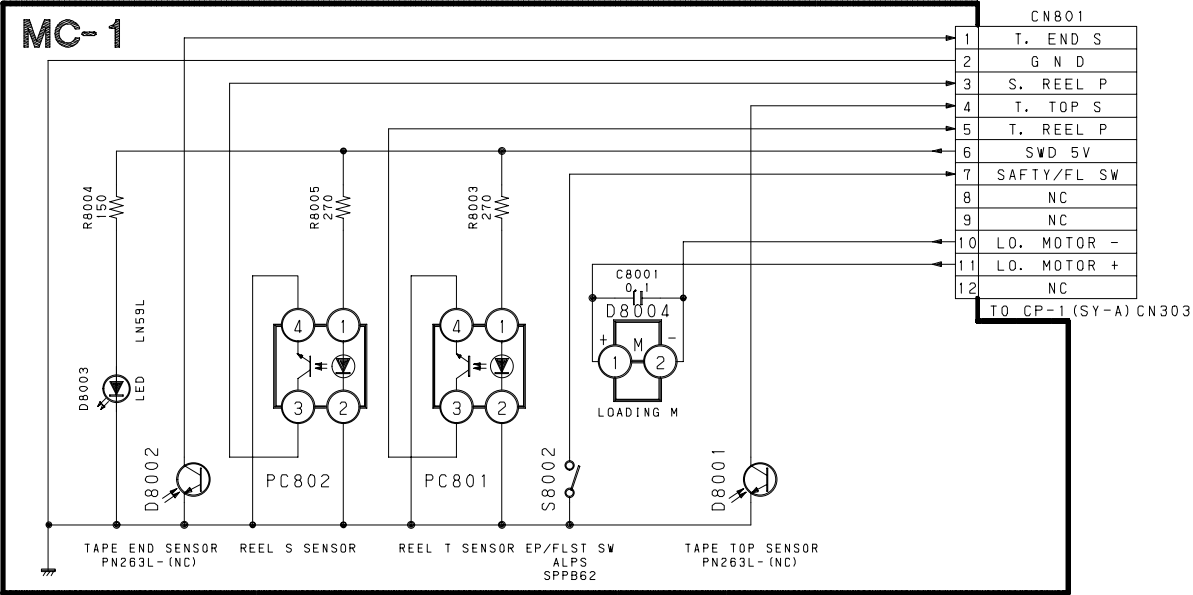
PAL-C-EX

OVERALL WIRING, MECHANISM CONNECTION & BLOCK DIAGRAMS

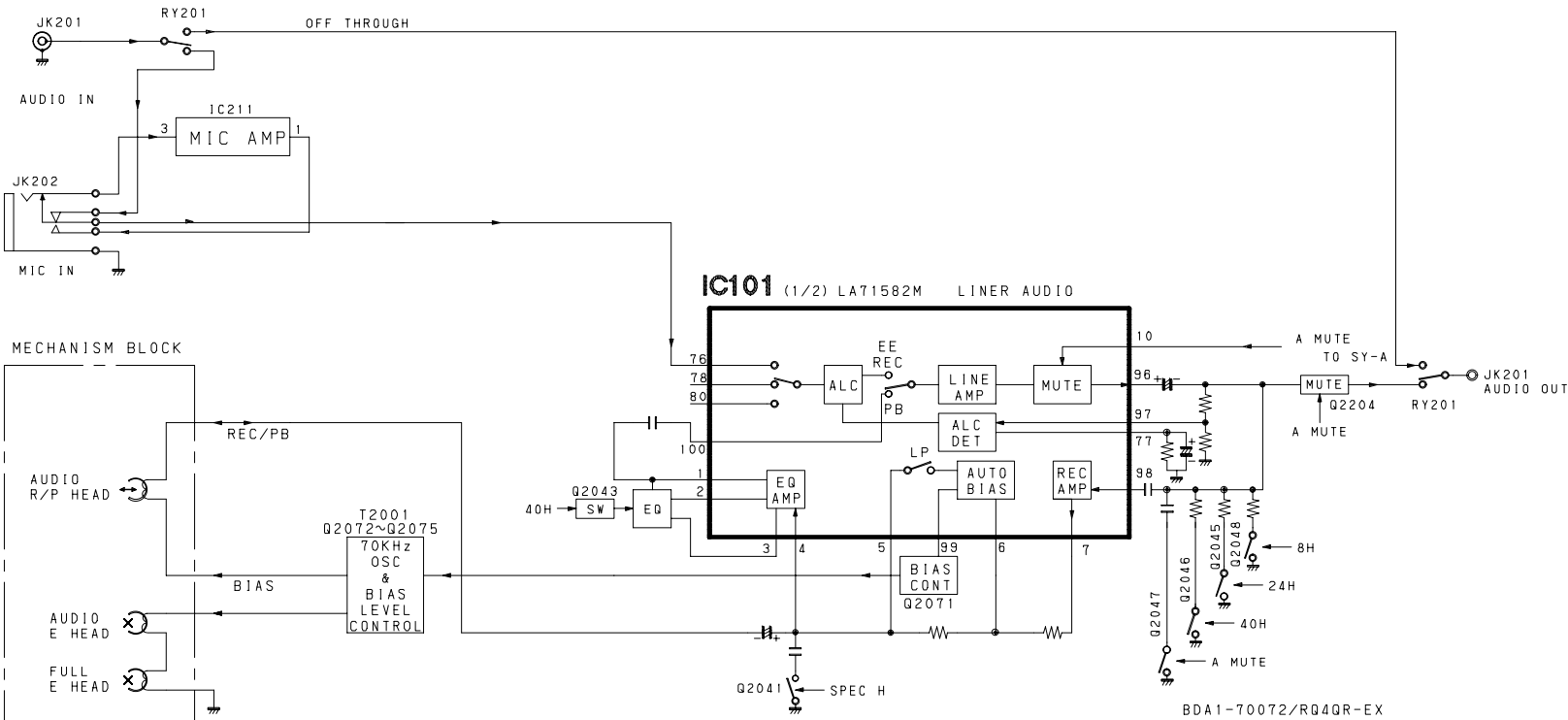


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MECHANISM CONNECTION

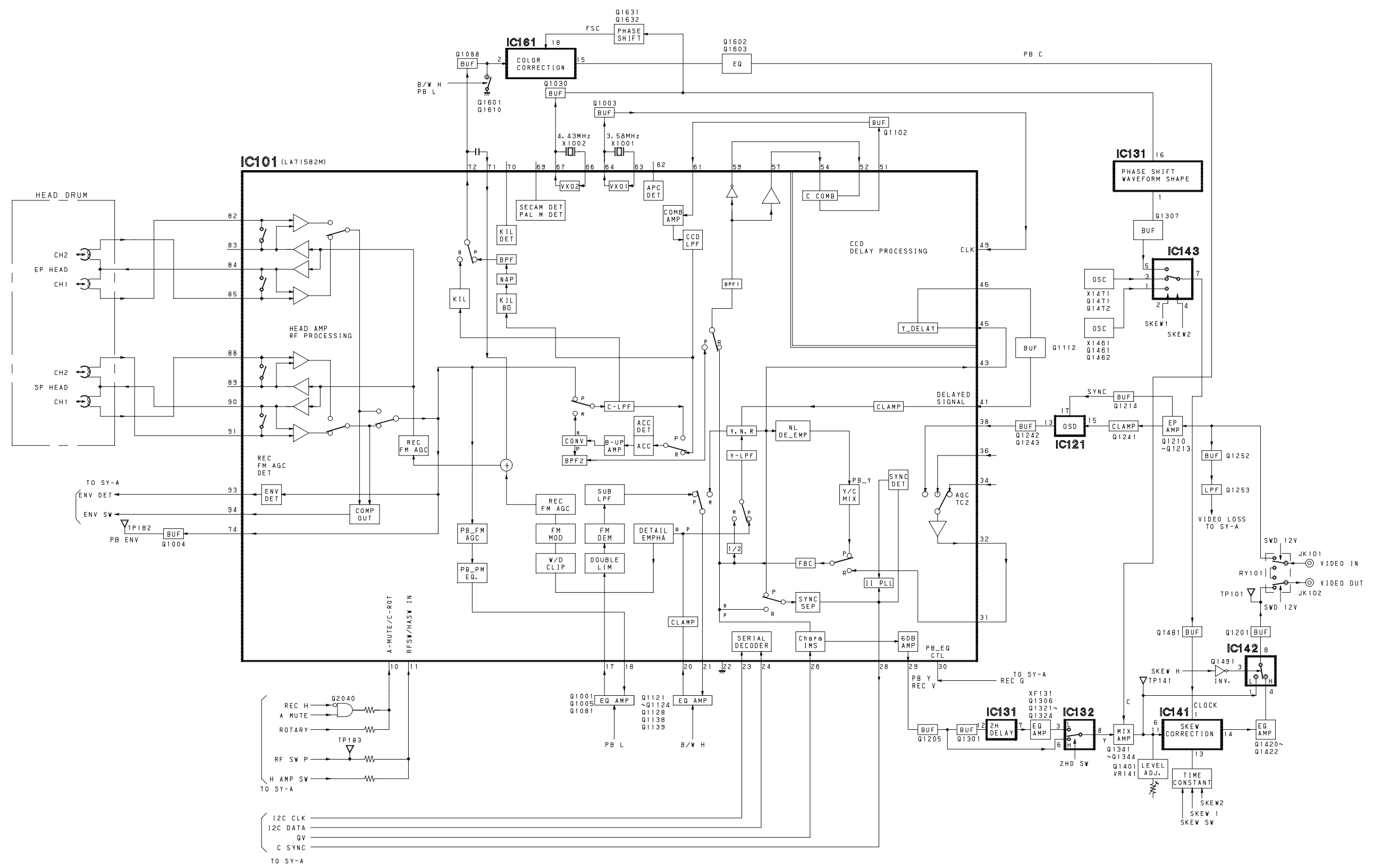


AUDIO CIRCUIT



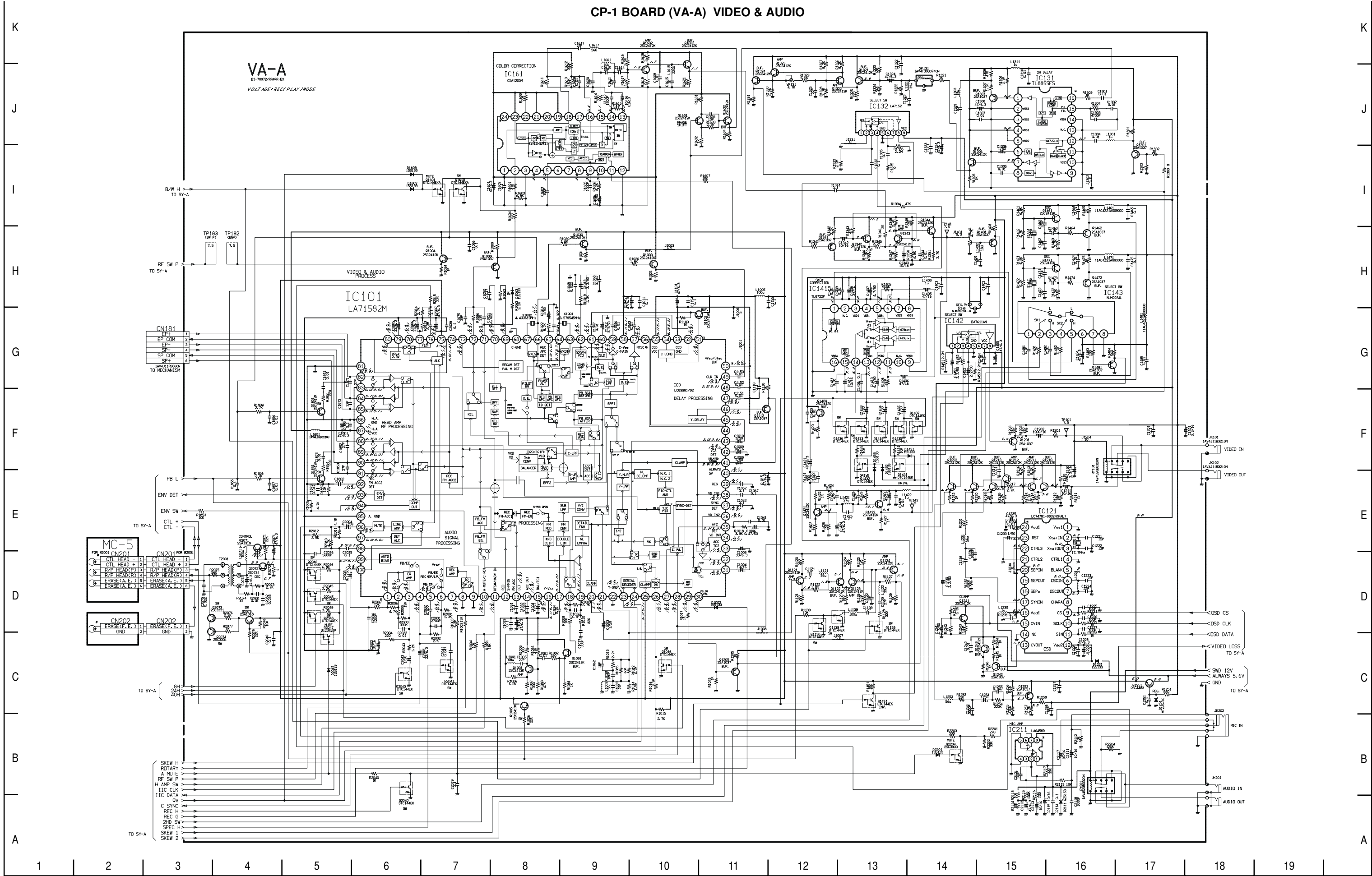
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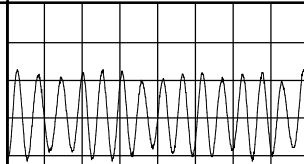
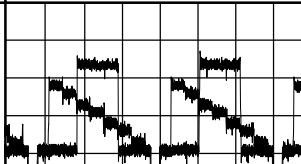
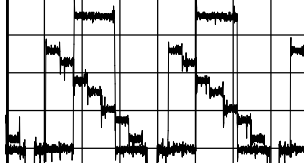
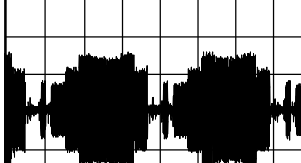
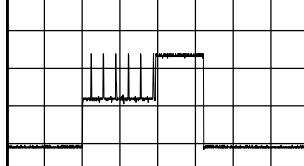
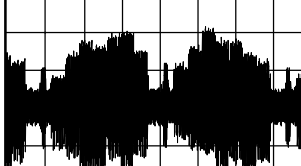
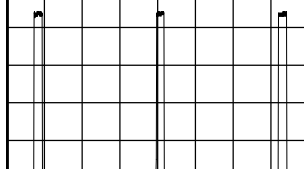
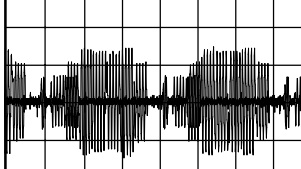
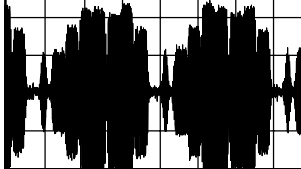
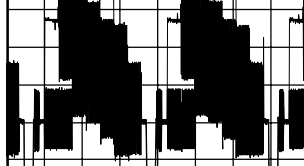
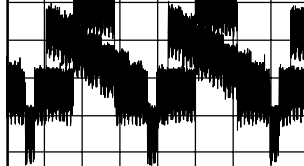
VIDEO CIRCUIT



BDV1-70072/RQ4QR-EX

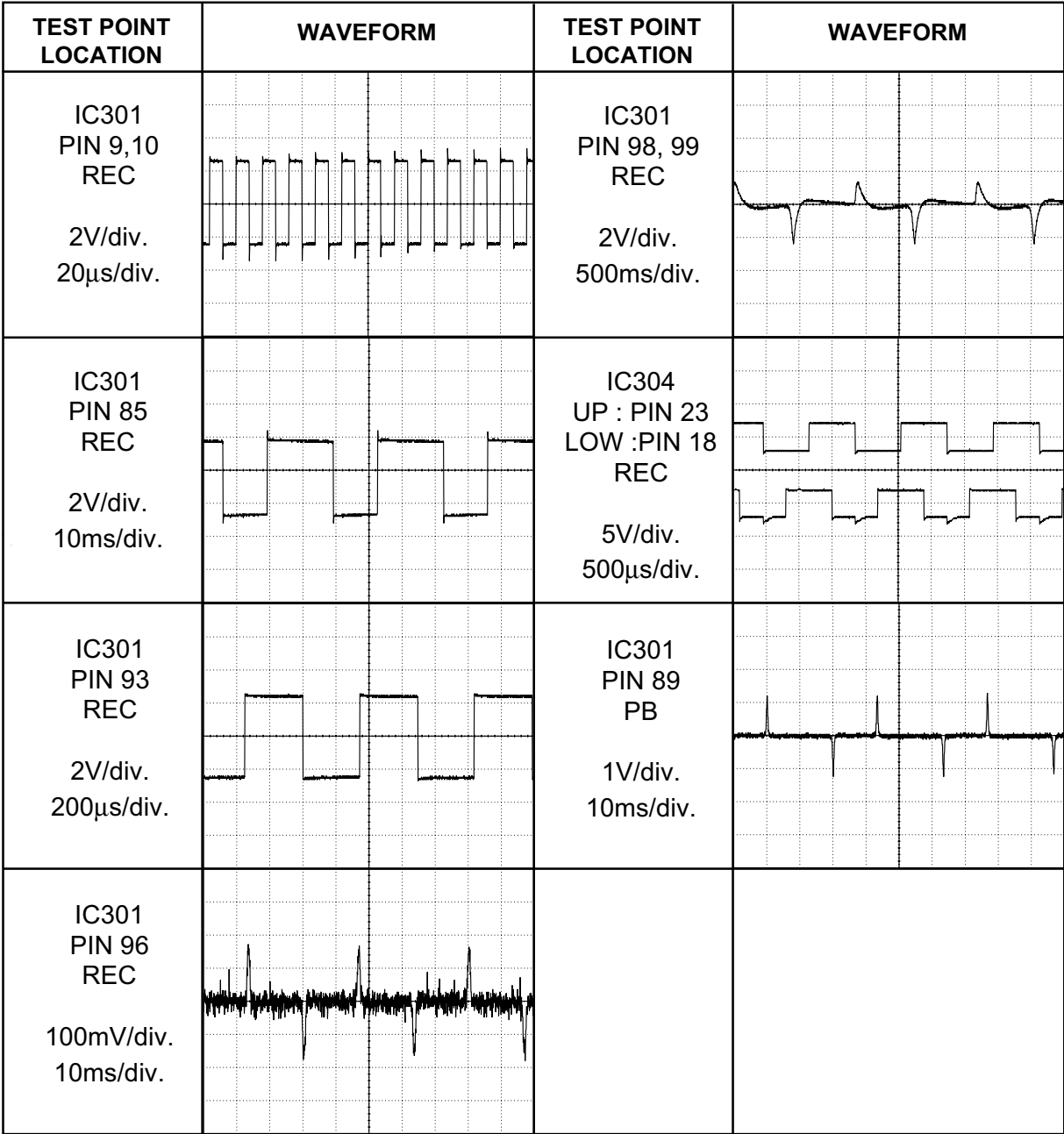
CP-1 BOARD (VA-A) VIDEO & AUDIO



VIDEO CIRCUIT WAVEFORMS				IC301 SYSTEM CONTROL, TIMER, OSC & SERVO MPU PIN FUNCTIONS TABLE														
TEST POINT LOCATION		WAVEFORM	TEST POINT LOCATION		WAVEFORM													
IC101 PIN17 PLAY 100mV/500ns/div			IC101 PIN43,45 REC/PLAY 100mV/20μs/div															
IC101 PIN20,21 REC/PLAY 100mV/20μs/div			IC101 PIN57,59 REC/PLAY 100mV/20μs/div															
IC101 PIN26 STILL 2V/200μs/div			IC101 PIN51,61 REC/PLAY 100mV/20μs/div															
IC101 PIN28 REC/PLAY 1V/20μs/div			IC101 PIN71,72 REC 100mV/20μs/div															
IC101 PIN29 REC/PLAY 500mV/20μs/div			IC101 PIN71,72 PLAY 100mV/20μs/div															
IC101 PIN34,36,38 REC 200mV/20μs/div			IC101 PIN90 REC 1V/200ns/div															
IC101 PIN41,46 REC/PLAY 100mV/20μs/div							WF_V_SE4											
No.	Name	I/O	HL	Signal Function														
1	BUZZER	O	-	Buzzer drive signal.														
2	VIDEO LOSS	I	-	To detect the loss of video signal.														
3	PWR CTL	O	H	'H' while the DC power supply works.														
4	RS232C/485OUT	O	-	RS232C/485 select signal. 232C=H														
5	FLD C SELECT	O	H	Chip enable signal to FLD control IC.														
6	RTS CLK	I	-	Clock signal from controller CPU.														
7	TRS DATA	O	-	Data signal to controller.														
8	RTS DATA	I	-	Data signal from controller.														
9	MH-PWM	O	-	Output of head drum motor servo control signal. (PWM signal)														
10	MC-PWM	O	-	Output of capstan motor servo control signal. (PWM signal)														
11	FLD CLK	O	-	Clock signal to FLD control IC.														
12	FLD DATA OUT	O	-	Data signal to FLD control IC.														
13	FLD DATA IN	O	H	High output except when power is off.														
14	BACKUP 5V	O	-	5VDC														
15	XT1	-	-	Clock osc during power failures and timer.														
16	XT2	-	-	32.768KHz														
17	Vss	-	-	Ground terminal.														
18	X2	-	-	System clock OSC.														
19	X1	-	-	8MHz														
20	RESET	I	L	Initial reset terminal for this IC.														
21	TEST/Vpp	-	-	-														
22	PB L	O	L	Signal for indicating playback mode.														
23	N.C.	-	-	-														
24	RF SW P	O	-	RF switching pulse created by head drum PG.														
25	SKEW H	O	H	Skew correction control signal.														
26	B/W H	O	H	Signal indicating the monochrome mode.														
27	I2C CLK	O	-	Clock to EEPROM and Y/C IC.														
28	OSD DATA /IIC DATA	O	H	Data I/O to OSD Y/C and EEPROM IC.														
29	ROTARY	O	-	Video head CH1/CH2 confirmation signal. (Used in the processing of image circuit color signals.)														
30	H AMP SW	O	-	Video head CH1/CH2 confirmation signal. (Used in the video head amp.)														
31	QVD	O	-	Quasi vertical synchronizing signal.														
32	OSD CLK	O	-	Clock to OSD IC.														
33	OSD CS	O	H	Chip enable signal to on screen display IC.														
34	40H(24H)	O	H	Signal for indicating 40H(24H) mode.														
35	24H(12H)	O	H	Signal for indicating 24H(12H) mode.														
36	EP H	O	H	Signal for indicating EP mode.														
37	MC F/R	O	-	Capstan motor rotation direction (normal/reverse) indication signal. (Reverse; H)														
38	ML-D	O	-	Loading motor rotation direction indication signal. (Load; H, Brake; M, Unload; L)														
39	ML-S	O	-	Loading motor speed (high/mid/low) indication signal.														
40	VSS	-	-	Ground terminal.														
41	BACKUP 5V	-	-	5VDC														
42	SCAN1	I	-	JOG Dial scan signal input.														
43	SCAN2	I	-	JOG Dial scan signal input.														
44	SCANP	O	-	JOG Dial scan signal output.														
45	TIMER/EJECT OUT	O	H	Timer/eject control signal output.														
46	TAPE END OUT	O	H	Tape end control signal output.														
47	WARNING OUT	O	H	Warning output.														
48	CONTROL/CLK ADJ OUT	O	H	Clock adjust control signal output.														
49	POWER UP	O	H	"H" output except the power is off.														
50	REC H	O	H	Signal for indicating recording mode.														
No.	Name	I/O	HL	Signal Function														
51	SW OUT	O	-	Switch signal to multiplexer.														
52	REC GATE	O	L	Signal to indicate recording.														
53	H COMP	O	H	Pulse signal to adjust the speed of head drum.														
54	SPECIAL H	O	H	Special mode (still, cue, etc) indication signal.														
55	SKEW SW 2	O	H	Skew correction control signal.														
56	SKEW SW 1	O	H	Skew correction control signal.														
57	2H DELAY SW	O	H	2H delay circuit control signal.														
58	CONTROL/CLK ADJ IN	I	H	Timer adjust control signal input.														
59	CFG1	I	-	Capstan FG1 pulse input.														
60	CFG2	I	-	Capstan FG2 pulse input.														
61	POWER DOWN	I	L	Power failure detection terminal.														
62	ENV SW	I	-	Output comparison signal for main head and sub head.														
63	AD MUTE	O	H	Signal disable audio signal output.														
64	EXT TIMER IN ALARM RESET IN	I	H	Timer recording during H input. Alarm reset signal input.														
65	ALARM /1 SHOT IN	O	H	Alarm / 1 shot-rec signal input.														
66	SERIES REC / EJECT IN	I	H	Signal to start series recording. Tape eject control signal input.														
67	REC 12V DET	-	-	-														
68	FLSTART + SAFETY	I	L	Switch input indicating start of cassette loading or discharge by cassette mechanism and detecting accidental erasure prevention tab of cassette tape.														
69	AVdd	-	-	Power supply for analog circuitry.														
70	AVREF	-	-	Reference voltage for analog circuitry.														
71	SWDATA 2	I	H	Input of the three-bit signal that indicates mechanism operational position. (Please refer to the mechanism manual about the relation between mechanism position and switch data.)														
72	SWDATA 1	I	H															
73	SWDATA 0	I	L															
74	T END S	I	L	Sensor signal input for tape end detection.														
75	T TOP S	I	L	Sensor signal input for tape top detection.														
76	DEW S	I	H	Dew sensor input pin.														
77	REMOTE	I	-	Remote control signal (voltage) input.														
78	REMOTE REF	-	-	Reference voltage for remote control signal.														
79	VD ENV	I	-	Video head envelope detection signal input for ATR function.														
80	N.C.	-	-	-														
81	N.C.	-	-	-														
82	DC LEVEL IN	I	-	Power supply DC voltage level is input.														
83	AVss	-	-	Ground for analog circuitry.														
84	CTL SLOPE	-	-	-														
85	CTL HEAD +	I/O	H	Control pulse I/O.														
86	CTL HEAD -	I/O	H	Control pulse I/O.														
87	CTL IN	-	-	Control amp feed back filter.														
88	CTL SIG OUT	O	-	Control amp out.														
89	CTL AMP IN	I	-	Input signal from control amp.														
90	Vref	-	-	Reference voltage for servo circuitry.														
91	AVss1	-	-	Ground.														
92	AVdd1	-	-	IC power source for analog circuitry.														
93	CFG IN	I	-	Capstan motor FG pulse input.														
94	CFG SIG OUT	-	-	-														
95	CFG AMP IN	-	-	-														
96	DPG IN	I	-	Head drum PG pulse input. (Used in servo control and generate the switching pulse.)														
97	DFG IN	I	-	Head drum FG pulse input. (For drum servo)														
98	S REEL P	I	-	Supply reel moving sensor input.														
99	T REEL P	I	-	Take up reel moving sensor input.														
100	C SYNC	I	-	Composite synchronizing signal input.														
RQ4QREX_IC301																		

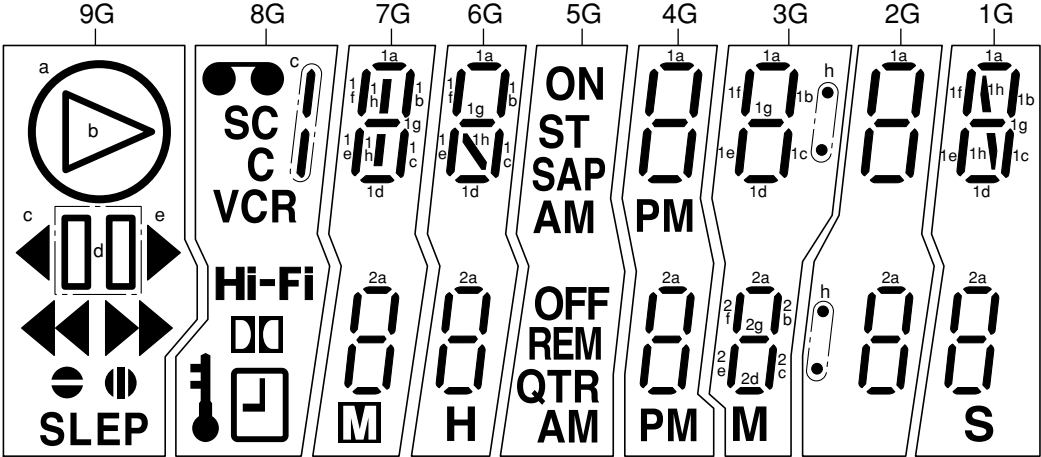
K
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SERVO CIRCUIT WAVEFORMS



WF-S-EC4Q

DISPLAY (FLD) GRID/ANODE ASSIGNMENT DRAWING & TABLE

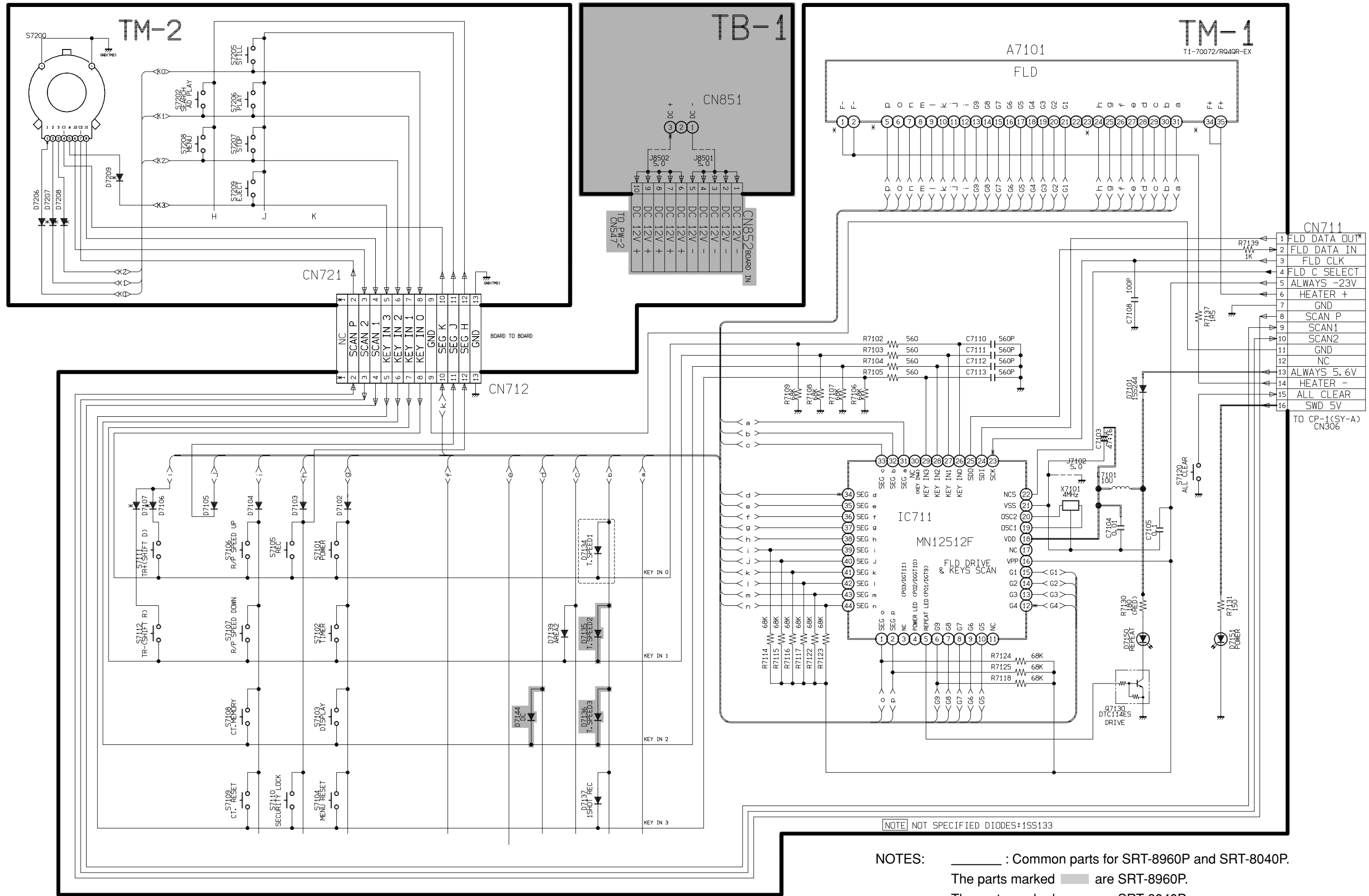


	9G	8G	7G	6G	5G	4G	3G	2G	1G
a	○	●	1a	1a	ON	1a	1a	1a	1a
b	▷	SC	1b	1b	ST	1b	1b	1b	1b
c	◀	!	1c	1c	SAP	1c	1c	1c	1c
d	□□	C	1d	1d	AM	1d	1d	1d	1d
e	▶	VCR	1e	1e	—	1e	1e	1e	1e
f	—	—	1f	1f	—	1f	1f	1f	1f
g	—	—	1g	1g	—	1g	1g	1g	1g
h	—	—	1h	1h	—	PM (UPPER)	● (UPPER)	● (LOWER)	1h
i	◀◀	□□	2a	2a	OFF	2a	2a	2a	2a
j	▶▶	Hi-Fi	2b	2b	REM	2b	2b	2b	2b
k	●	!	2c	2c	QTR	2c	2c	2c	2c
l	◐	□	2d	2d	AM	2d	2d	2d	2d
m	S	—	2e	2e	—	2e	2e	2e	2e
n	L	—	2f	2f	—	2f	2f	2f	2f
o	E	—	2g	2g	—	2g	2g	2g	2g
p	P	—	M	H	—	PM (LOWER)	M	—	S

GR-01702

K
J
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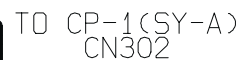
TM-1, TM-2 & TB-1 BOARDS DISPLAY, KEY SCAN & DC INPUT (TB-1 BOARD : SRT-8960P ONLY)



PW-1

D5107
D1NL20U PR511

The parts marked are SRT-8960P.



CN51 1

1	ALWAYS 5. 8V
2	GND(MH)
3	GND(MCL)
4	GND(SV)
5	GND(AD)
6	GND(VD)
7	ALWAYS 13V(MH)
8	ALWAYS 13V(MCL)
9	SWD 12V
10	GND
11	POWER CTL
12	GND
13	ALWAYS -23V
14	HEATER +
15	HEATER -

CN513

1	ALWAYS 5. 8V
2	GND
3	GND
4	GND
5	-SWD 12V-
6	ALWAYS 13V
7	ALWAYS 13V
8	SWD 12V
9	AC IN SENCE
10	GND
11	POWER CTL
12	GND
13	ALWAYS -23V
14	HEATER +
15	HEATER -

TO PW-2
CN545

PW-2 BOARD POWER SUPPLY (SRT-8960P ONLY)

TO TB-1
CN852

10 CN547

DC 12V - 1
DC 12V - 2
DC 12V - 3
DC 12V - 4
DC 12V + 6
DC 12V + 7
DC 12V + 8
DC 12V + 9
DC 12V + 10

F5450
T5A 250V
J5470
L5451
L5452
L5453
L5454
L5455
D5450
DSK10C
ERA15-02A
C5450
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C5451
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(YXF, P.J.)
C5452
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C5453
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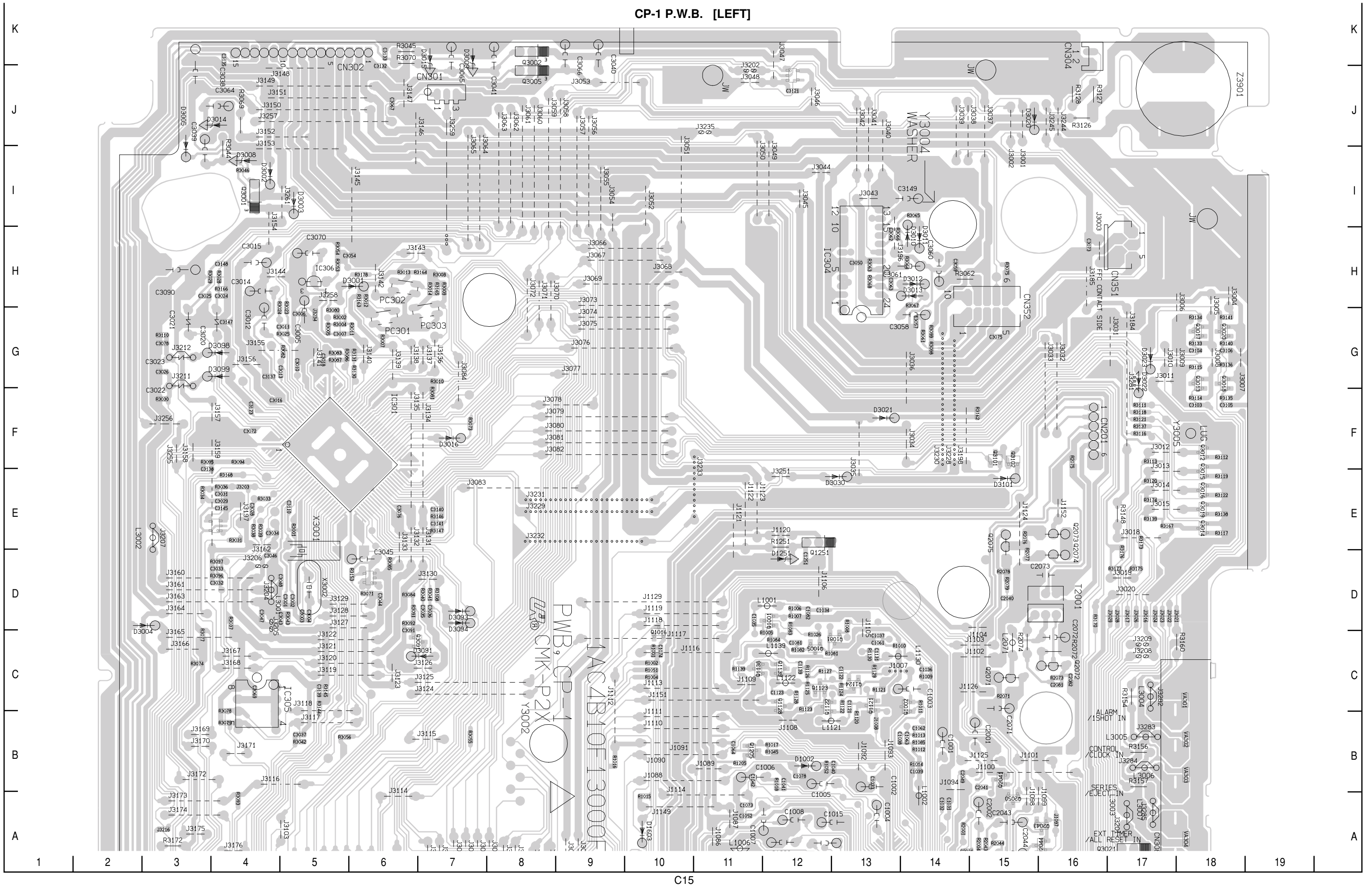
P2-70072/RQ4Q-EX
VOLTAGE: REC MODE

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C	
D	
E	
F	
G	
H	
I	
J	
K	

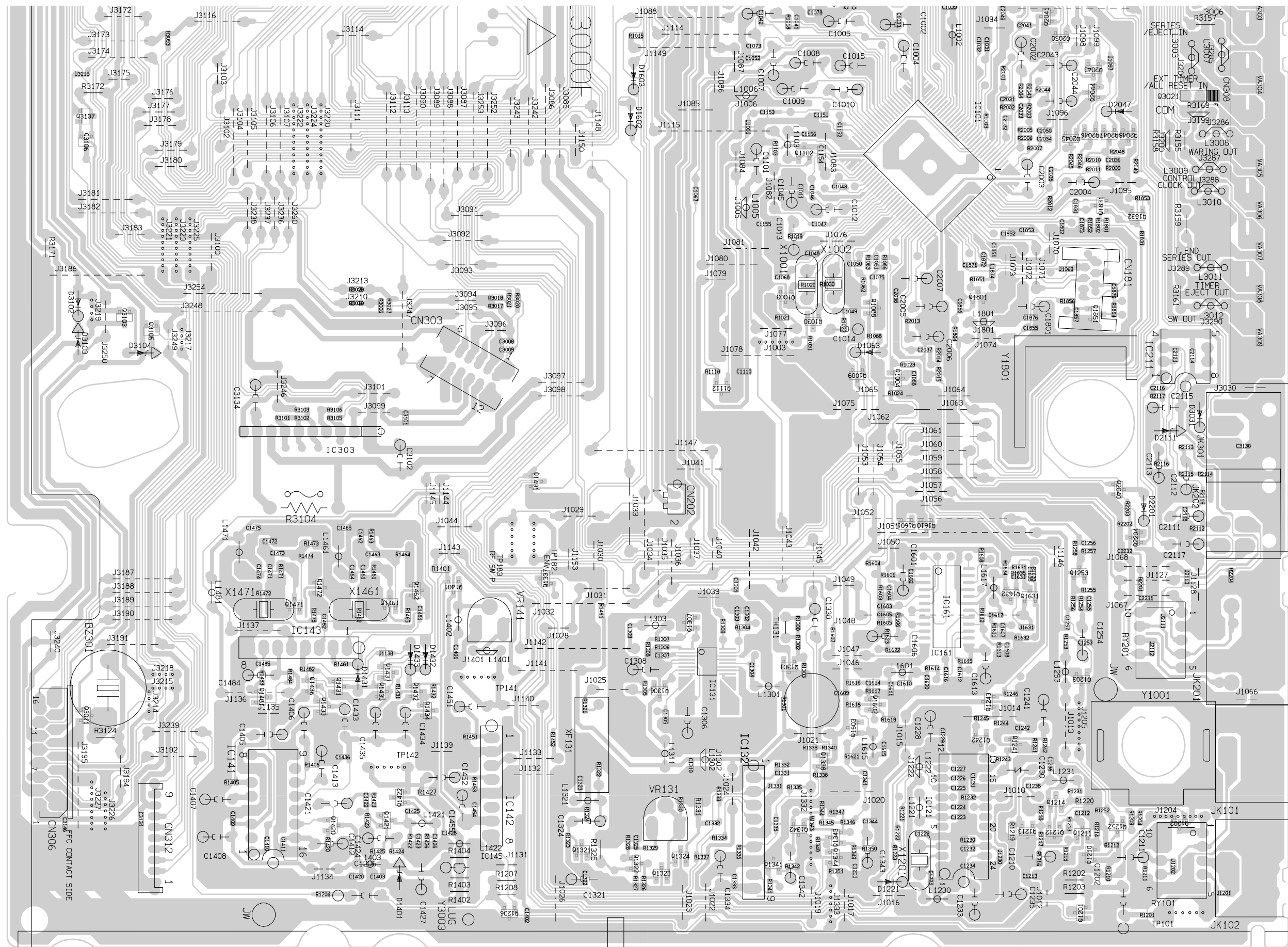
C14

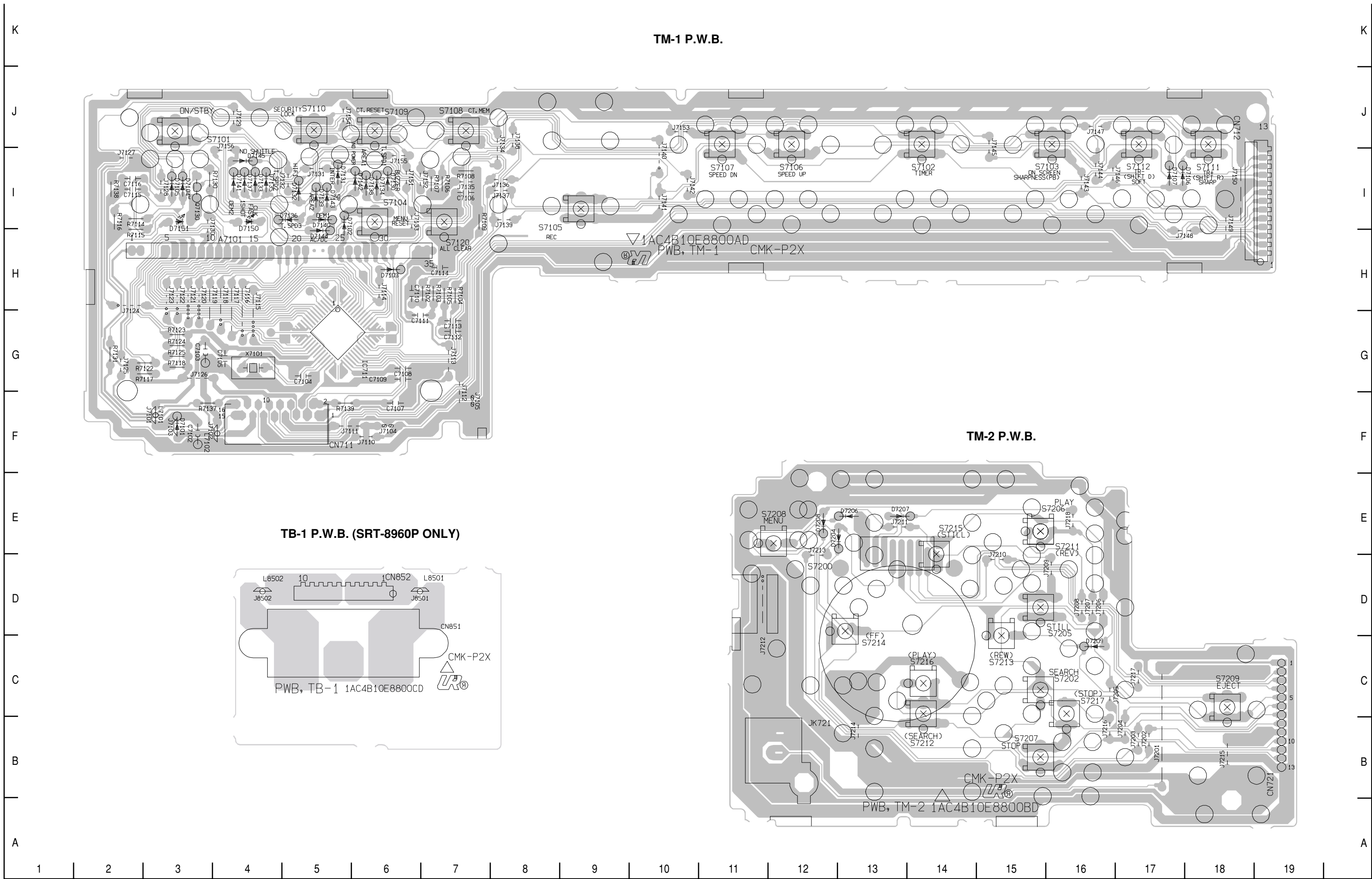


CP-1 P.W.B. [LEFT]



CP-1 P.W.B. [RIGHT]





Location No. 5000-

ICP-F25(R0HM)

PR512

Y5073

C5110

J5131

1AC4B10E74000D

Y5075

D5012

C5005

C5002

L5205

L5204

L5203

L5202

L5201

JW504 G

JW502

L5014

J5016

VA501

JW501

CN501

Y5001

Y5077

F5001 T2.5A H 250V

PW1

Y5078

J5112

R5143

R5142

R5141

J5136

R5138

R5140

J5114

D5112

C5113

J5113

R5105

J5130

L5103

J5135

L5104

J5136

CN512

CN511

Y5076

C5104

R5104

L5102

C5103

R5122

C5109

J5107

D5106

D5108

J5109

J5101

D5104

D5109

C5106

J5102

R5117

R5120

R5121

R5115

C5105

J5110

J5111

J5116

R5114

J5113

D5105

C5108

J5104

C5101

J5106

J5114

D5114

R5137

J5111

D5111

C5111

R5150

R5123

D5013

R5011

R5012

C5011

J5012

C5014

J5011

Q5003

Q5004

R5004

J5017

R5003

Q5010

L5011

L5016

L5012

C5007

C5006

D5001

L5001

C5001

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SANYO Electric Co., Ltd.
Osaka, Japan