


# SECTION 4 CHARTS AND DIAGRAMS

## NOTES OF SCHEMATIC DIAGRAM

### Safety precautions

The Components identified by the symbol  are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.

### 1. Units of components on the schematic diagram

Unless otherwise specified.

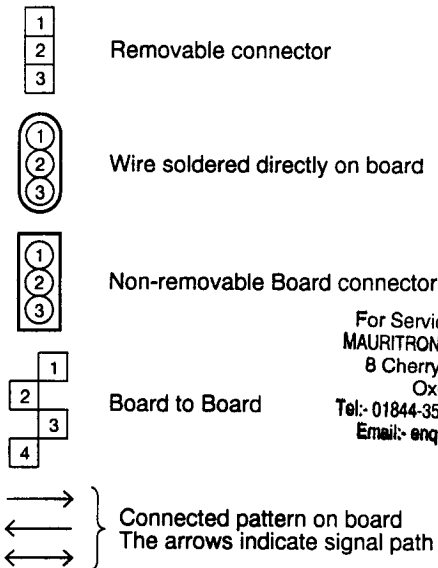
- 1) All resistance values are in ohm, 1/6 W, 1/8 W (refer to parts list).  
Chip resistors are 1/16 W.  
K: K $\Omega$  (1000 $\Omega$ ), M: M $\Omega$  (1000K $\Omega$ )
- 2) All capacitance values are in  $\mu$ F, (P: PF).
- 3) All inductance values are in  $\mu$ H, (m: mH).
- 4) All diodes are 1SS133, MA165 or IN4148M (refer to parts list).

### 2. Indications of control voltage

AUX : Active at high

$\overline{\text{AUX}}$  or AUX(L) : Active at low

### 3. Interpreting Connector indications

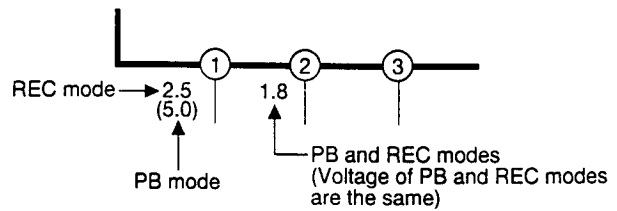


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### 4. Voltage measurement

- 1) Video circuits  
REC : Colour bar signal in SP mode, normal VHS mode  
PB : Alignment tape, colour bar SP mode, normal VHS mode  
— : Unmeasurable or unnecessary to measure
- 2) Audio circuits  
REC : 1KHz, -8 dBs sine wave signal in SP mode, Normal VHS mode  
PB : REC then playback it
- 3) Movie Camera circuits  
Measured using a correctly illuminated gray scale or colour bar test charts in the E-E mode

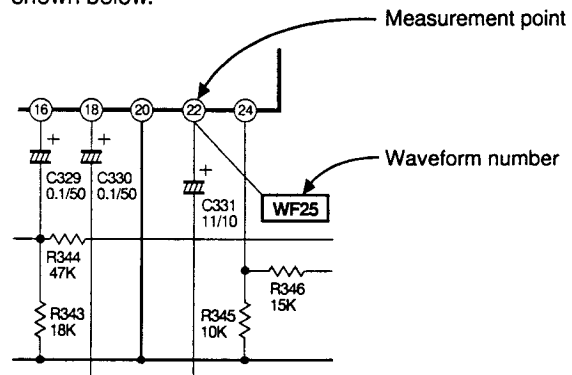
- 4) Indication on schematic diagram  
Voltage Indications for REC and PB mode on the schematic diagram are as shown below.



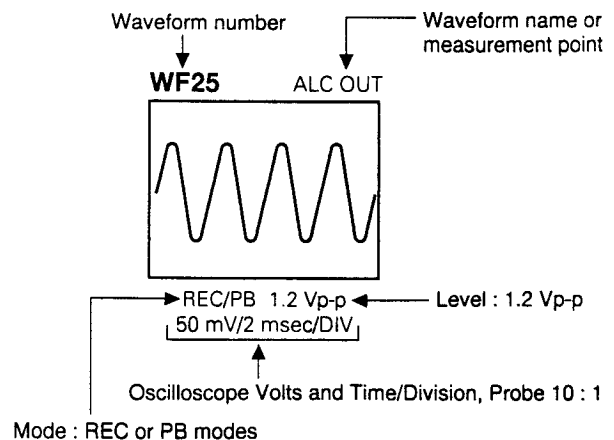
**Note:** If the voltages are not indicated on the schematic diagram, refer to the voltage charts.

### 5. Waveform measurement

- 1) Video circuits  
REC : Colour bar signal in SP mode, normal VHS mode  
PB : Alignment tape, colour bar SP mode, normal VHS mode
- 2) Audio circuits  
REC : 1KHz, -8 dBs sine wave signal in SP mode, normal VHS mode  
PB : REC then playback it
- 3) Movie Camera circuits  
Measured using a correctly illuminated gray scale or colour bar test charts in the E-E mode
- 4) Indication on schematic diagram  
Waveform indications on the schematic diagram are as shown below.








### 5) Waveform indications





## 6. Signal path Symbols

The arrows indicate the signal path as follows.

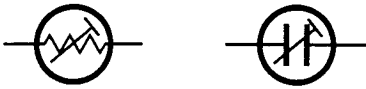
-  Playback signal path
-  Playback and recording signal path
-  Recording signal path (including E-E signal path)
-  Capstan servo path
-  Drum servo path

(Example)

-  R-Y Playback R-Y signal path
-  Y Recording Y signal path

## 7. Indication of the parts for adjustments

The parts for the adjustments are surrounded with the circle as shown below.



## 8. Indication of the parts not mounted on the circuit board

"OPEN" is indicated by the parts not mounted on the circuit board.



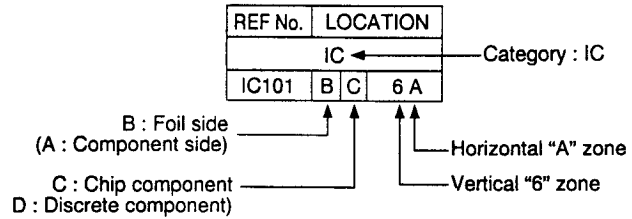
## CIRCUIT BOARD NOTES

### 1. Foil and Component sides

- 1) Foil side (B side) :  
Parts on the foil side seen from foil face (pattern face) are indicated.
- 2) Component side (A side) :  
Parts on the component side seen from component face (parts face) indicated.

### 2. Parts location guides

Parts location are indicated by guide scale on the circuit board.

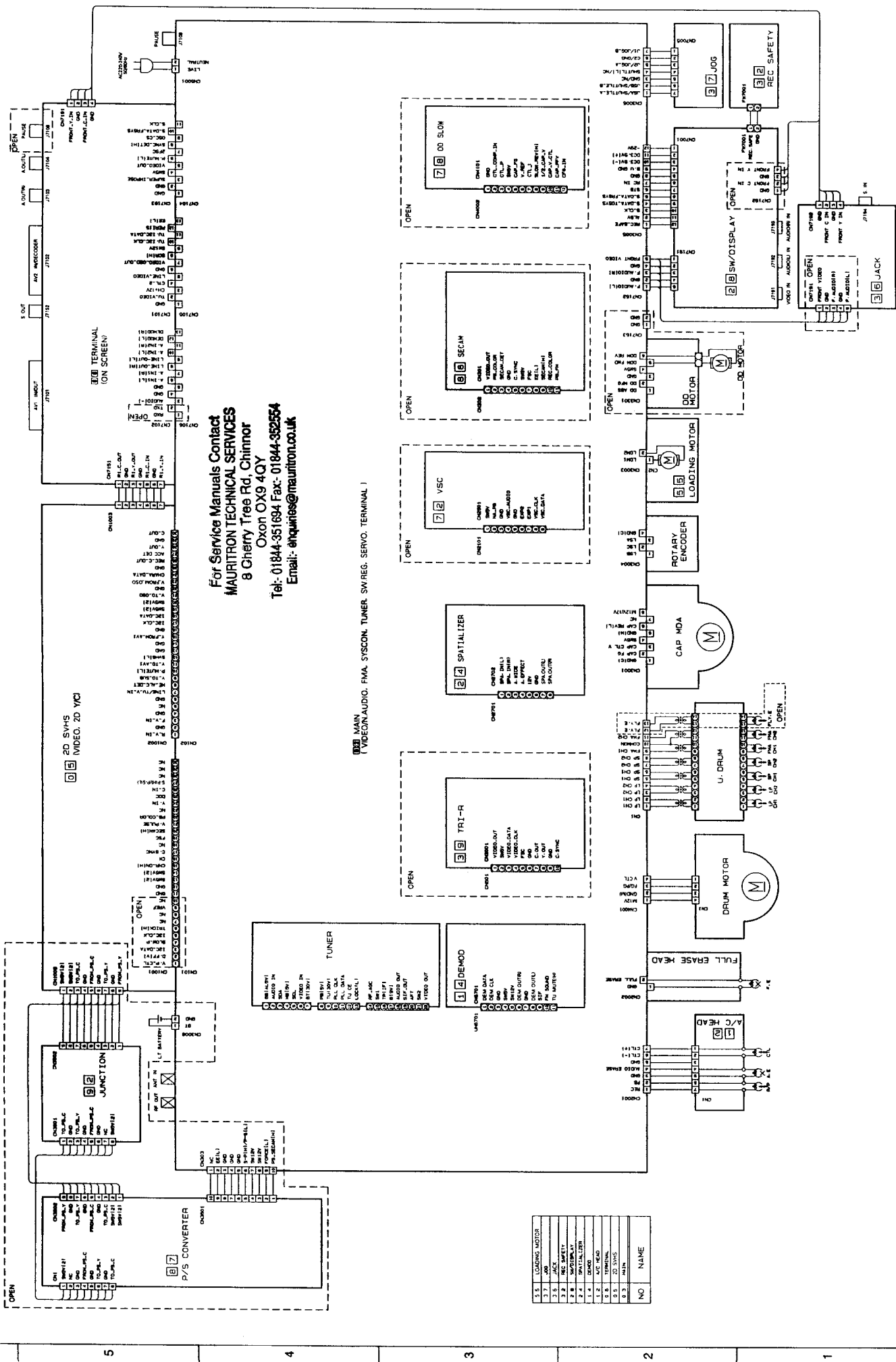


### Note:

For general information in service manual, please refer to the Service Manual of GENERAL INFORMATION Edition 4 No. 82054D (January 1994).

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4.1 BOARD INTERCONNECTIONS



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NO	NAME
5.5	LOADING MOTOR
5.7	00
5.8	JACK
5.9	REC SAFETY
5.10	SW/DISPLAY
5.11	00 MOTOR
5.12	A/C HEAD
5.13	TERMINAL
5.14	MAIN

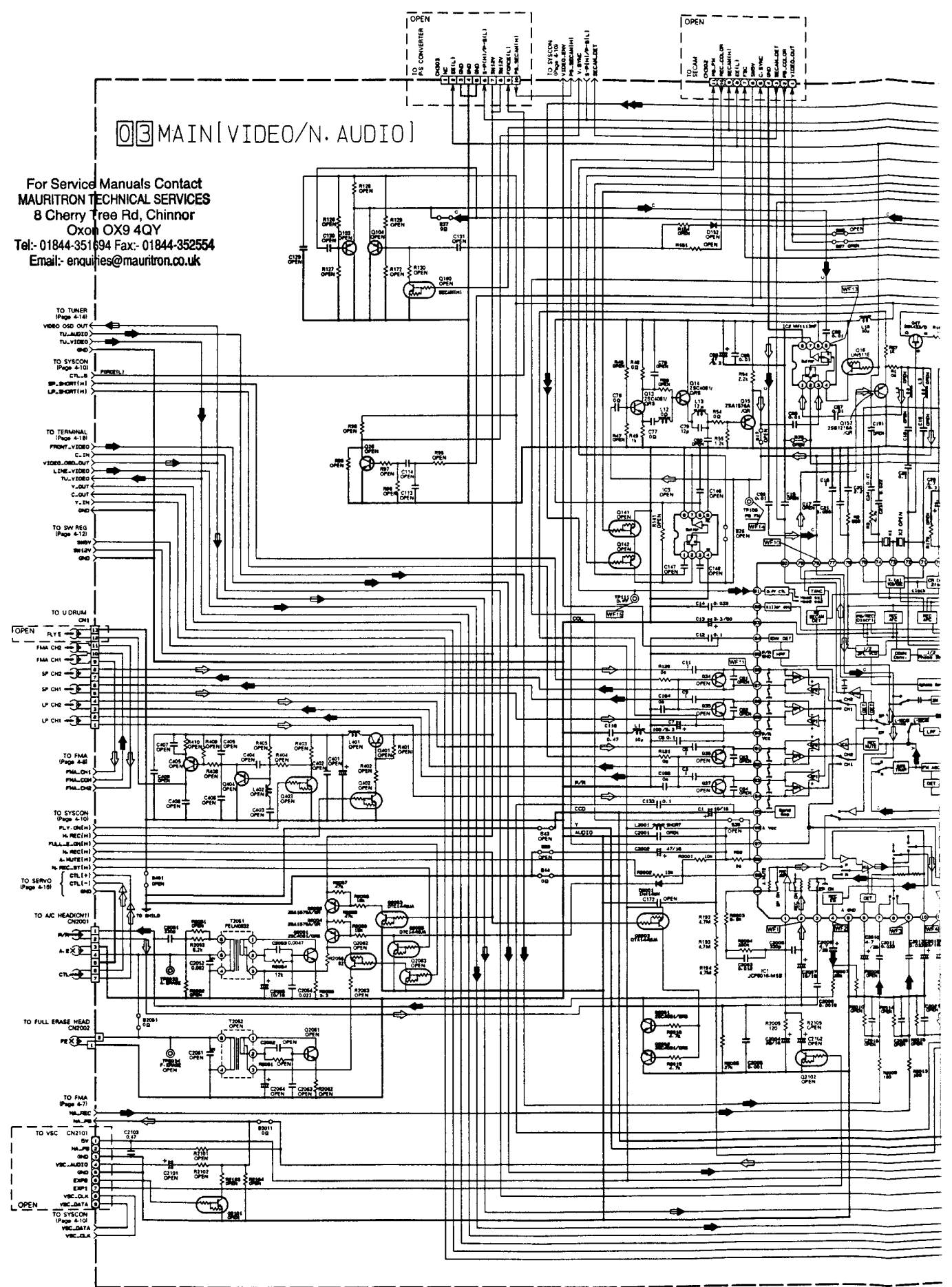
A B C D E F G H

4-4

4-3

# 4.2 VIDEO/AUDIO SCHEMATIC DIAGRAM

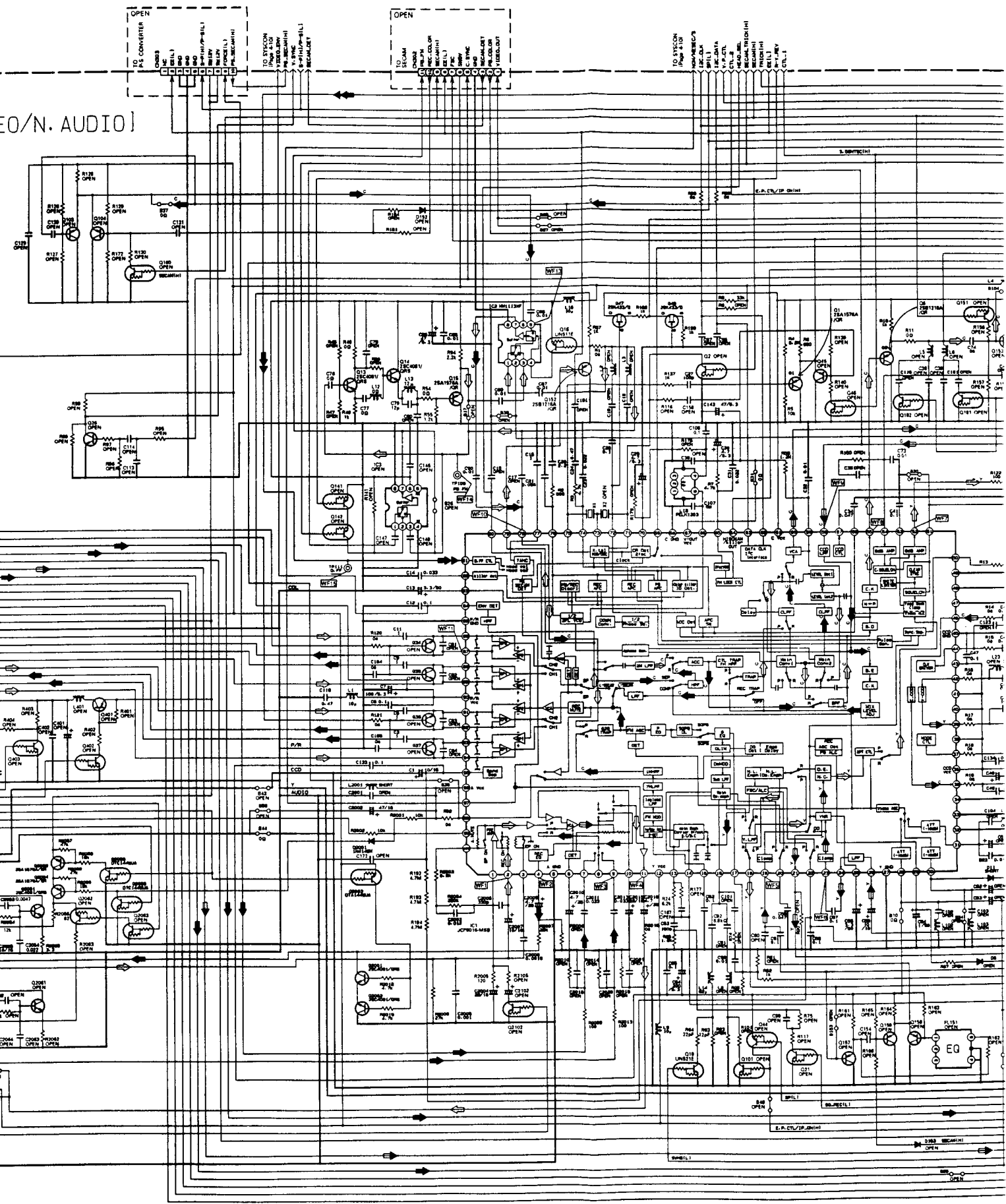
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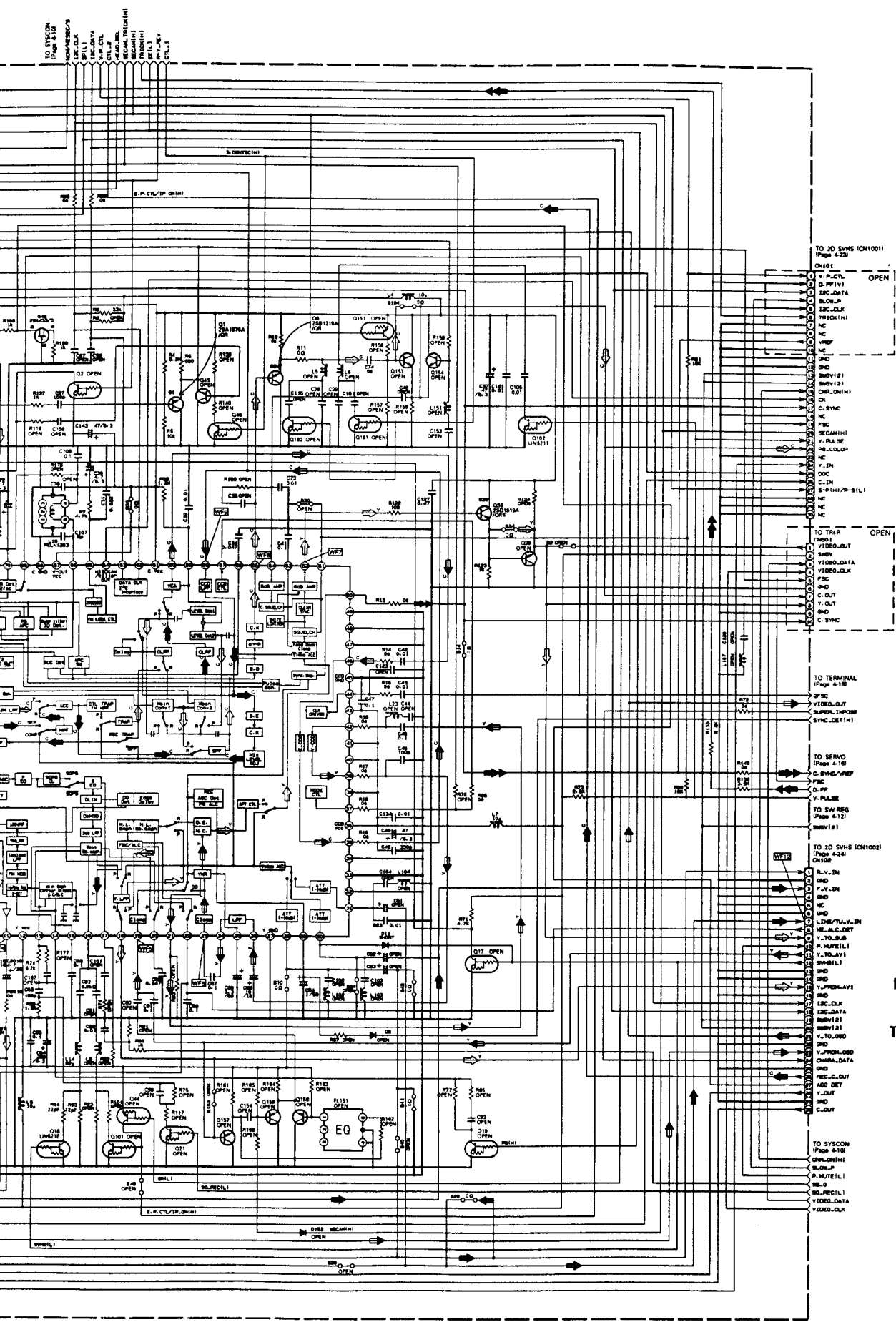
NOTE : For VIDEO/AUDIO waveforms. please refer to page 4-19.

ATIC DIAGRAM

EO/N. AUDIO]

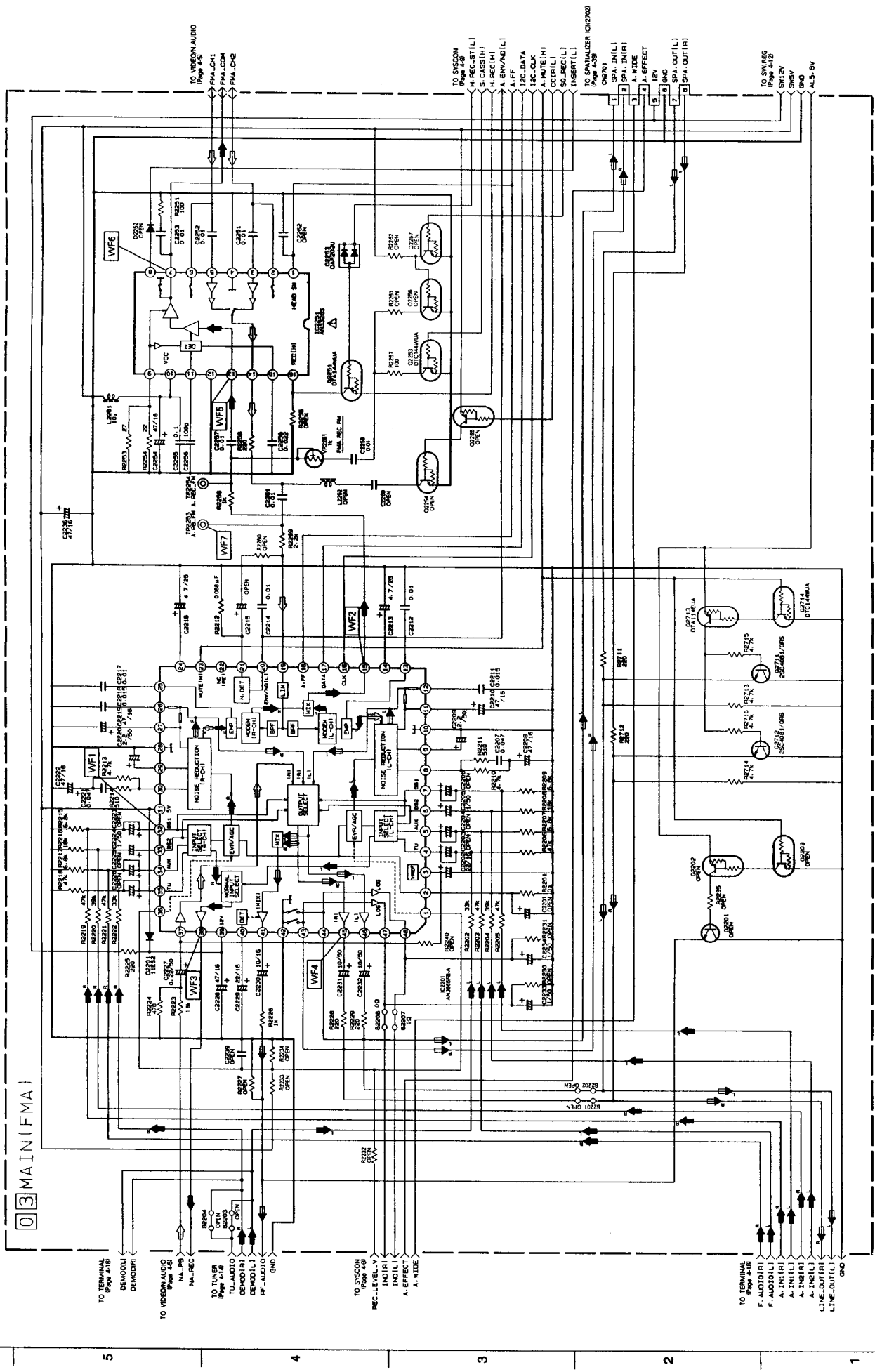


Waveforms, please refer to page 4-19.



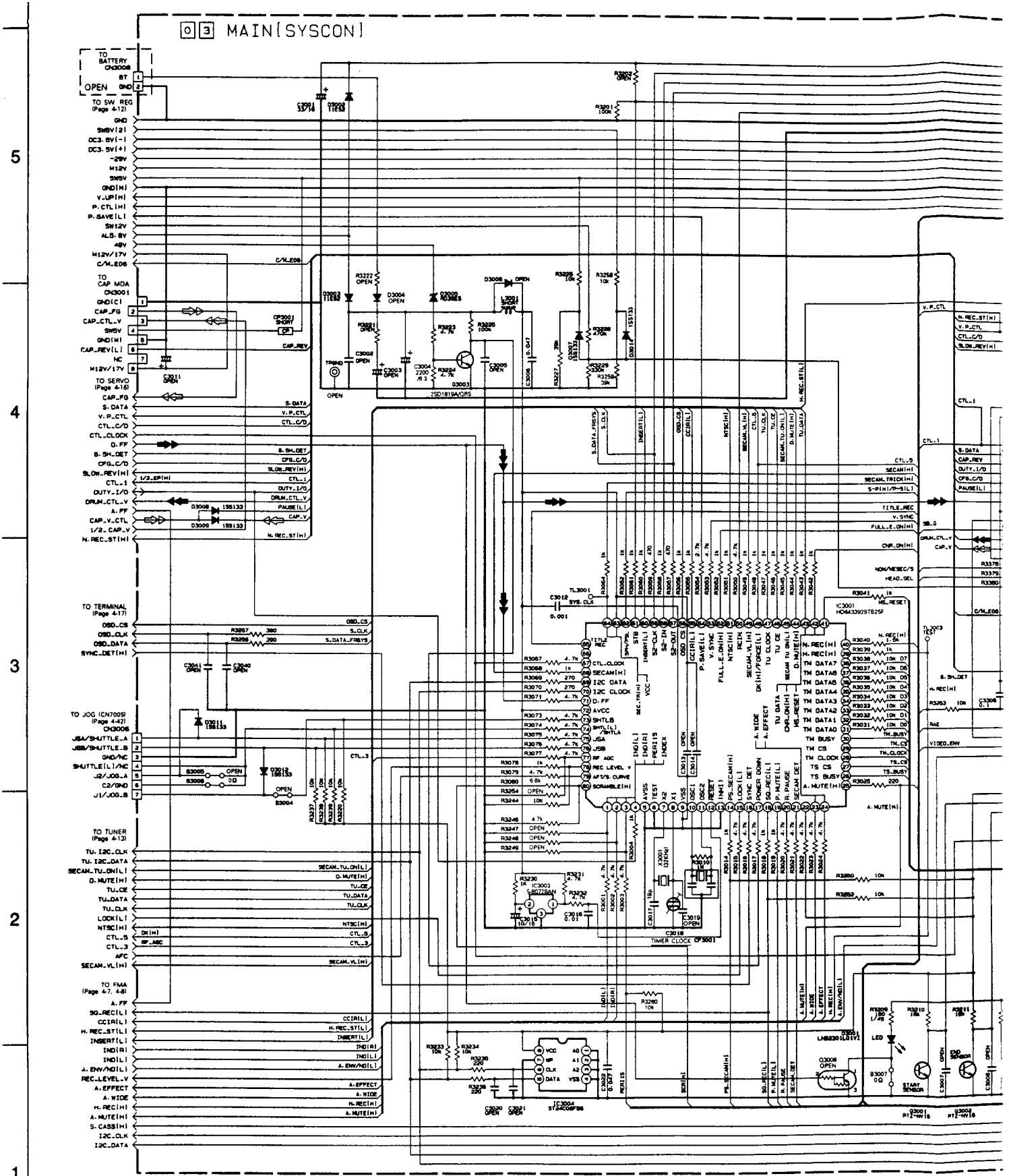
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4.3 FMA SCHEMATIC DIAGRAM



NOTE: For FMA waveforms, please refer to page 4-19.

# 4.4 SYSTEM CONTROL SCHEMATIC DIAGRAM



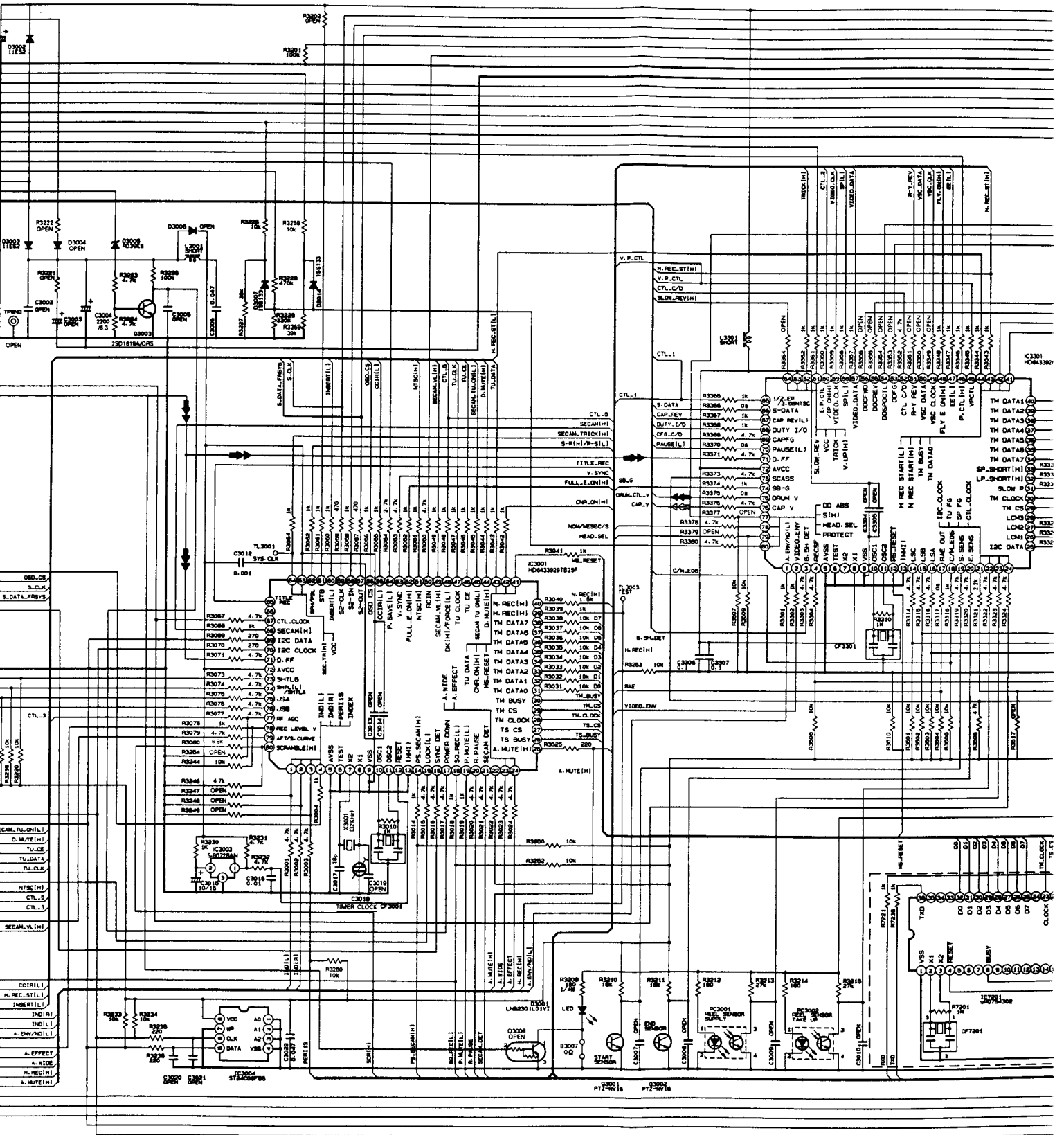
NOTE : The system control circuit of this model has an automatic recognition about the ON-OFF control of the DOCTOR SYSTEM.

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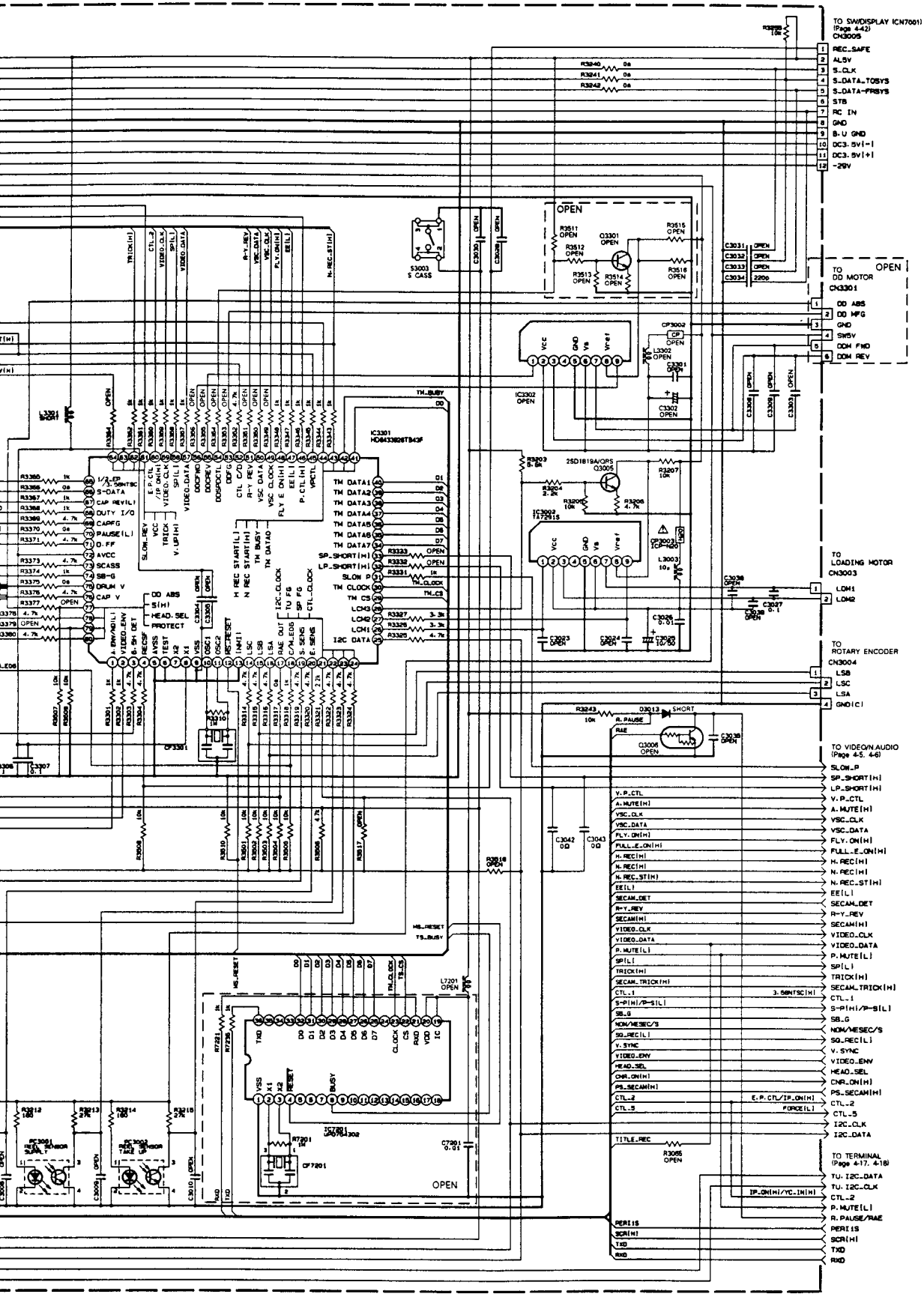


CHEMATIC DIAGRAM

CONJ



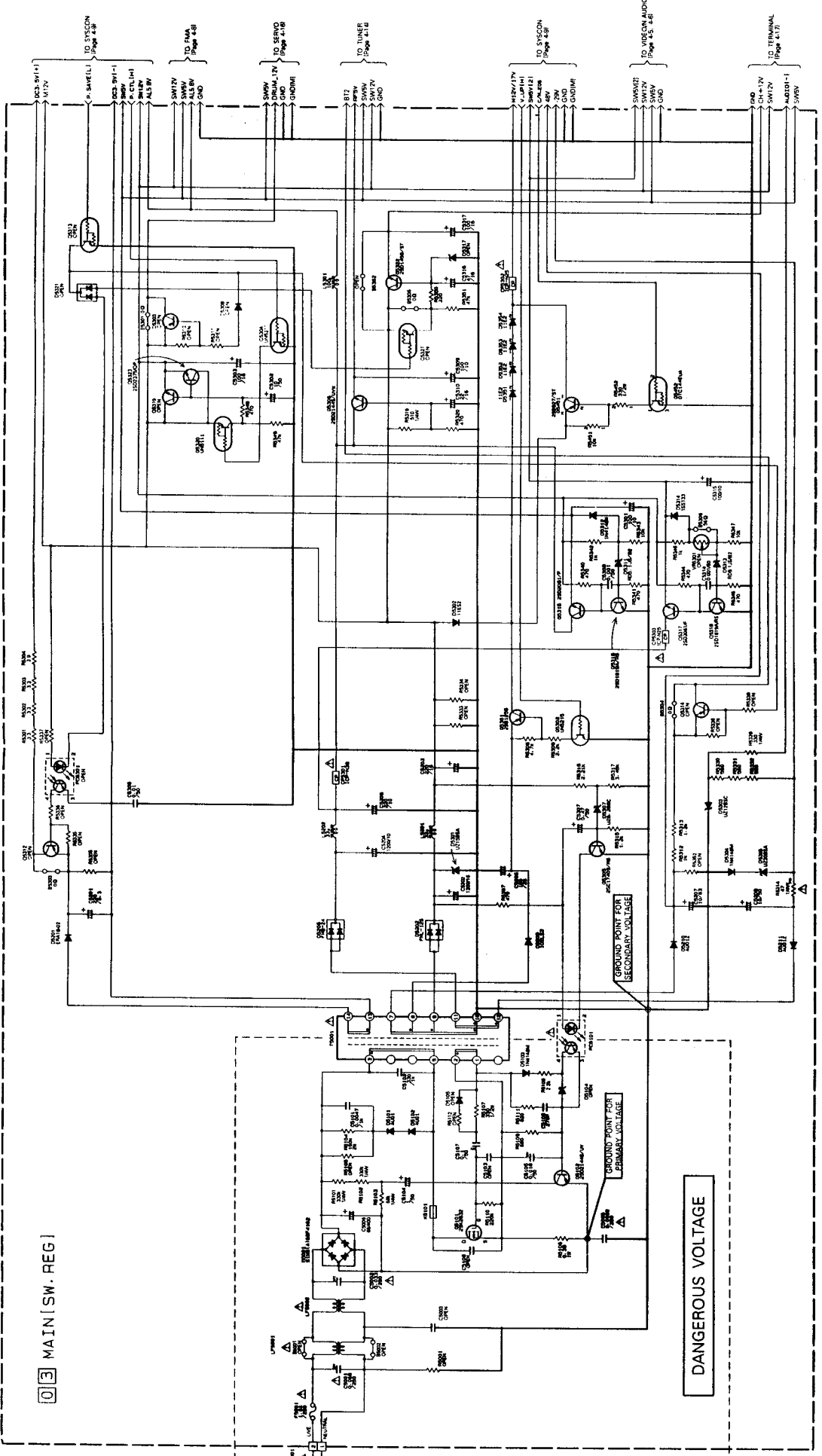
of this model has an automatic recognition about the ON-OFF control of the DOCTOR SYSTEM.



- TO SWDISPLAY ICN7001 (Page 4-42) C3005
- REC-SAFE
- ALBY
- S-CLK
- S-DATA-TOSYS
- S-DATA-FRSYS
- STB
- RC IN
- GND
- B-U GND
- DC3.5V(+)
- DC3.5V(+)
- 20V
- TO DD MOTOR CN3001
- DD ABS
- DD MPG
- GND
- SWV
- DDM FWD
- DDM REV
- TO LOADING MOTOR CN3003
- LM#1
- LM#2
- TO ROTARY ENCODER CN3004
- LSB
- LSC
- LSA
- GND(ICI)
- TO VIDEO/AUDIO (Page 4-5, 4-6)
- SLOW.P
- SP\_SHORT(H)
- LP\_SHORT(H)
- V.P.CTL
- A.MUTE(H)
- VSC.CLK
- VSC.DATA
- FLY.ON(H)
- FULL.E.ON(H)
- H.REC(H)
- N.REC(H)
- N.REC.ST(H)
- EE(L)
- SECAM\_DET
- R-Y\_REV
- SECAM(H)
- VIDEO\_CLK
- VIDEO\_DATA
- P.MUTE(L)
- SP(L)
- TRICK(H)
- SECAM\_TRICK(H)
- CTL-1
- S-P(H)/P-S(L)
- SB.G
- NOM/SEC/S
- SG\_REC(L)
- V\_SYNC
- VIDEO\_ENV
- HEAD\_SEL
- CNR.ON(H)
- PS\_SECAM(H)
- CTL-2
- CTL-5
- I2C-CLK
- I2C-DATA
- TO TERMINAL (Page 4-17, 4-18)
- TU\_I2C-DATA
- TU\_I2C-CLK
- CTL-2
- P.MUTE(L)
- R\_PAUSE/RAE
- PER15
- SCR(H)
- TXD
- RXD

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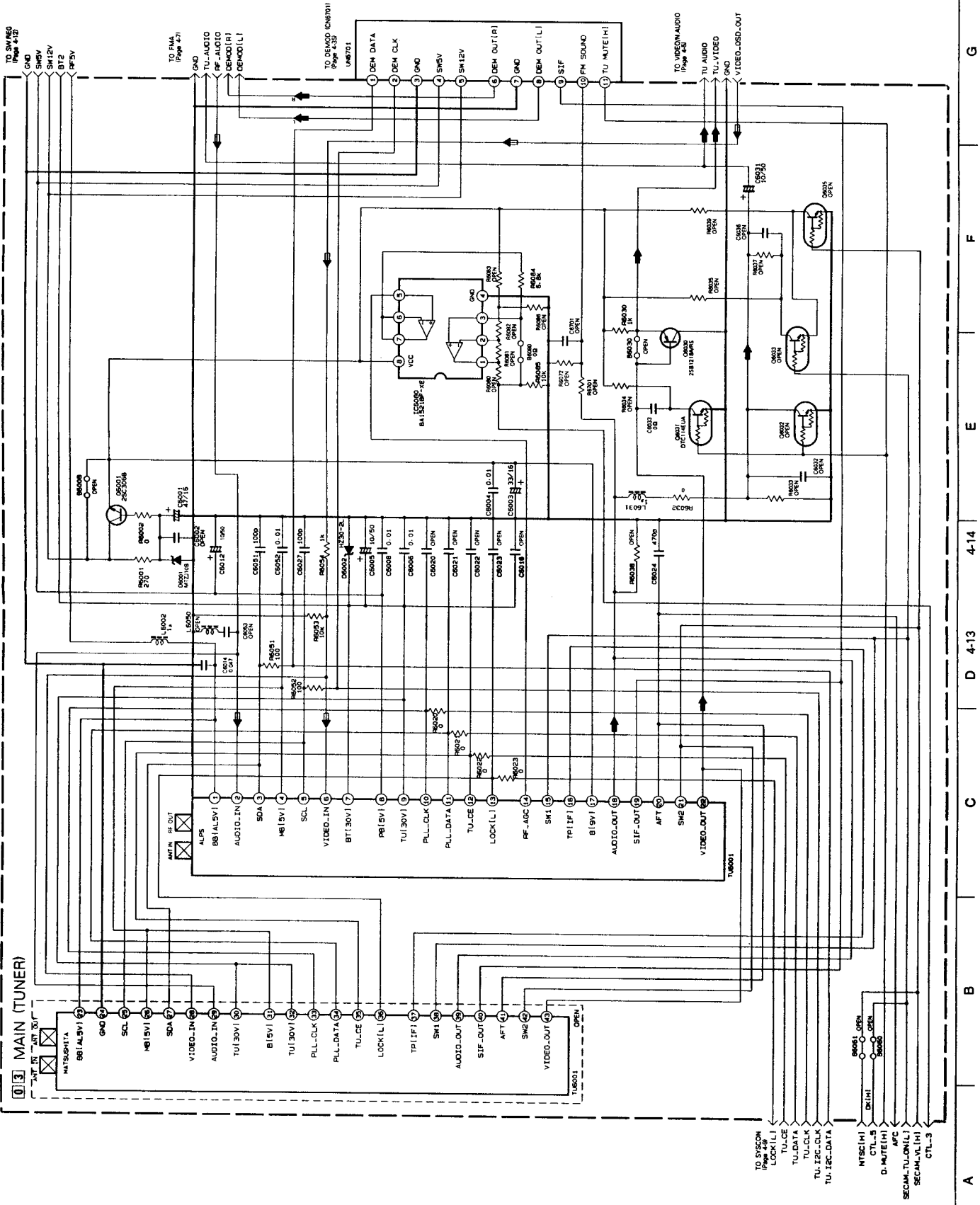
5 SWITCHING REGULATOR SCHEMATIC DIAGRAM



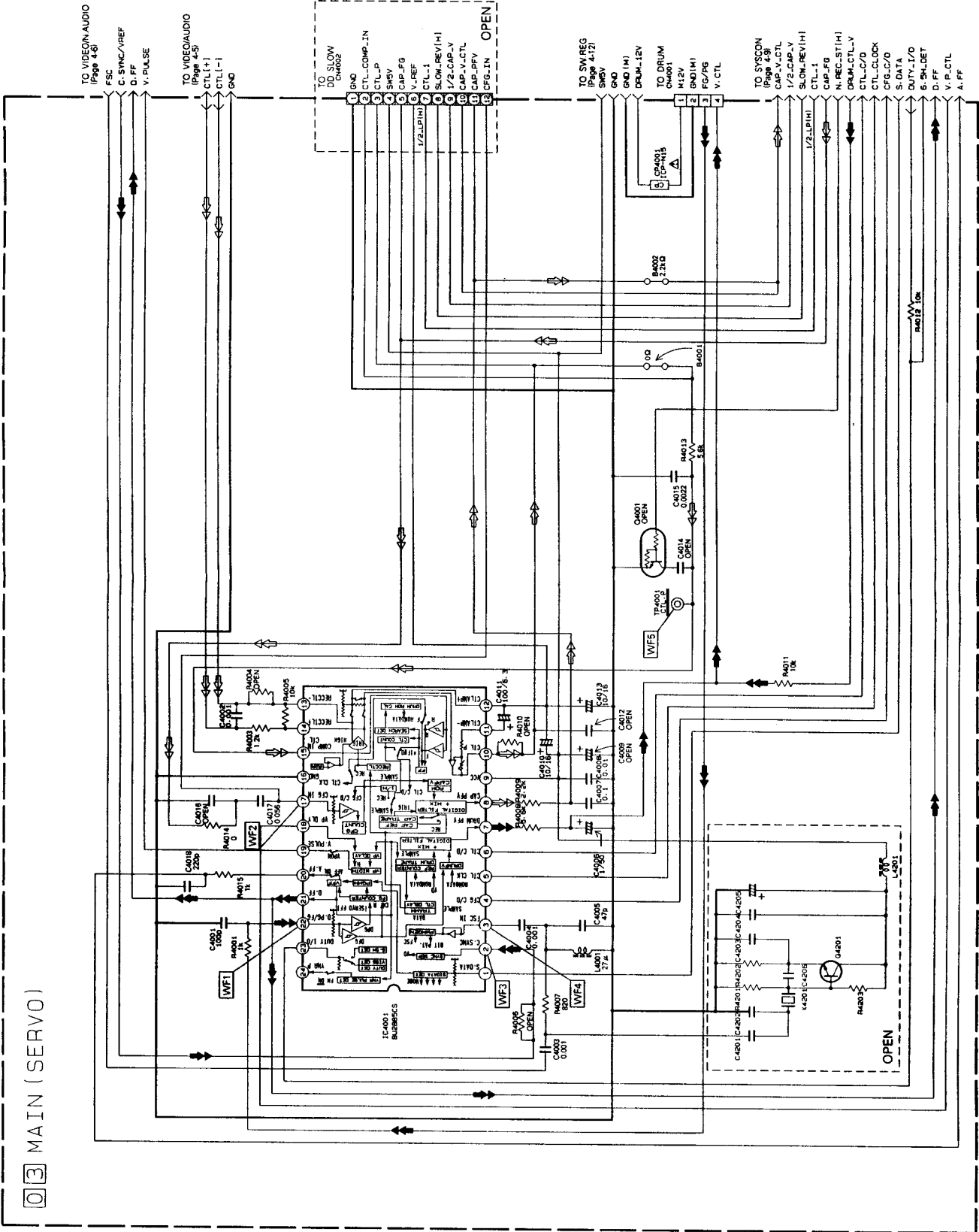
A B C D E F G H  
4-11 4-12

4.6 TUNER SCHEMATIC DAIGRAM

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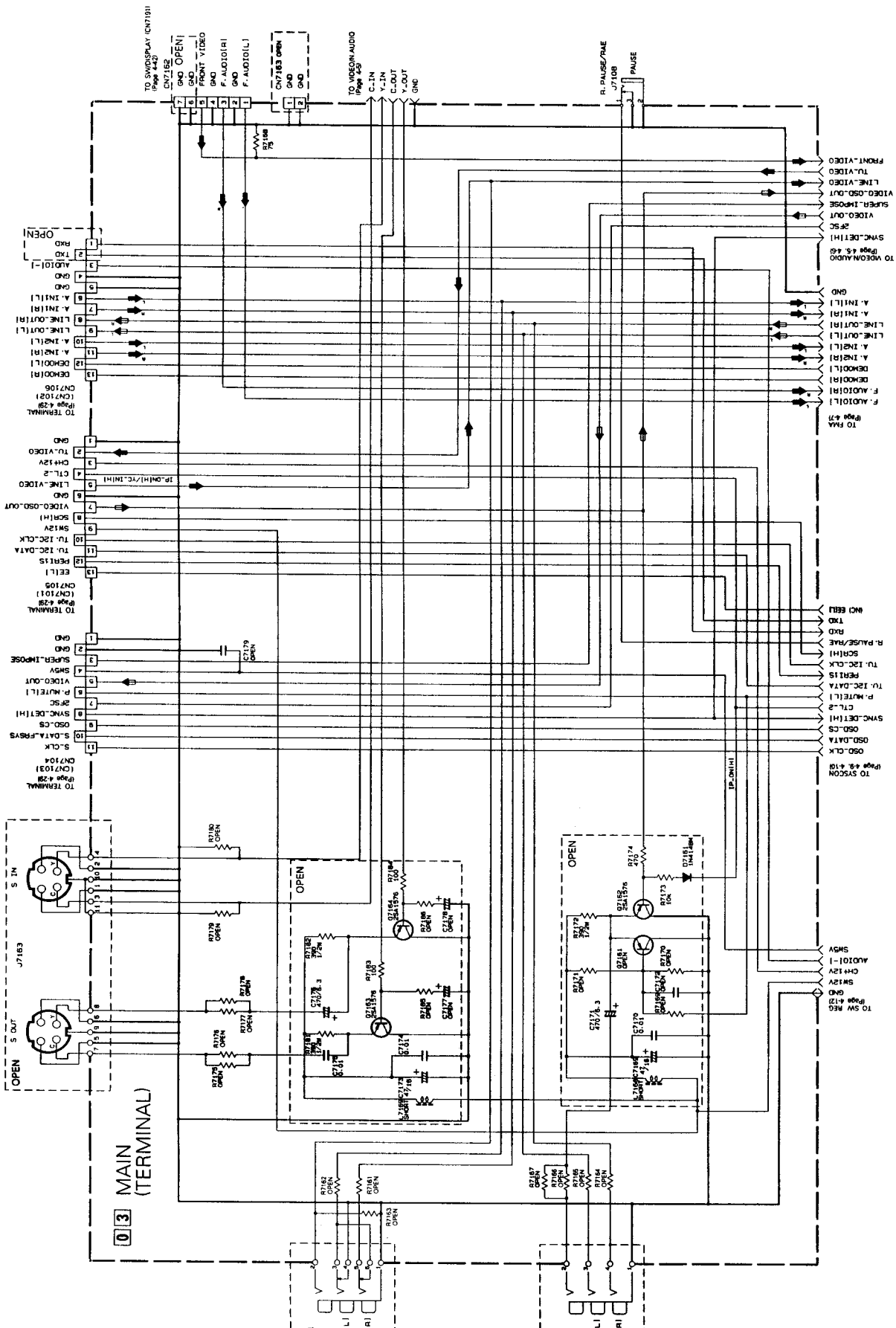
A B C D E F G H  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31  
 4-13 4-14



NOTE: For SERVO waveforms, please refer to page 4-19.

A B C D E F G H

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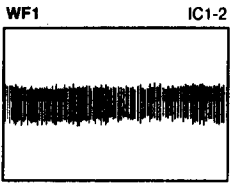


A | B | C | D 4:17 | E 4:18 | F | G | H

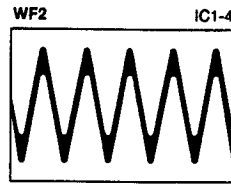
3 TERMINAL (MAIN) SCHEMATIC DAIGRAM

# WAVEFORMS

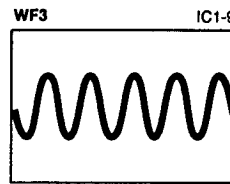
## — VIDEO/AUDIO —



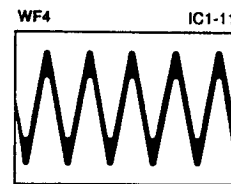
PB 2.5 mVp-p  
2 mV/5 msec/DIV



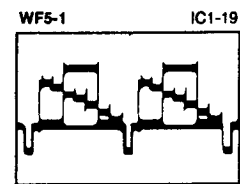
REC 0.82 Vp-p  
20 mV/0.5 msec/DIV



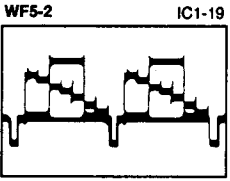
REC 0.11 Vp-p  
5 mV/1 msec/DIV



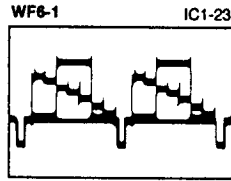
PB 0.78 Vp-p  
20 mV/0.5 msec/DIV



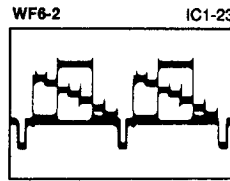
REC 0.5 Vp-p  
10 mV/20 µsec/DIV



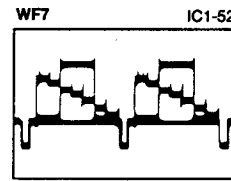
PB 0.56 Vp-p  
10 mV/20 µsec/DIV



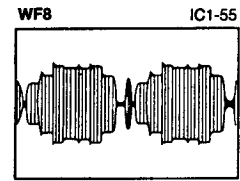
REC 0.48 Vp-p  
10 mV/20 µsec/DIV



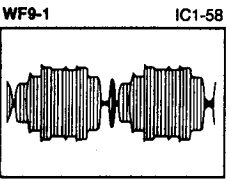
PB 0.56 Vp-p  
10 mV/20 µsec/DIV



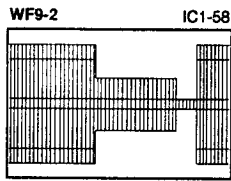
PB 2.2 Vp-p  
50 mV/20 µsec/DIV



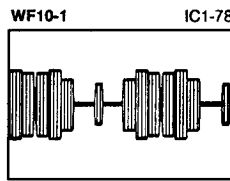
PB 0.62 Vp-p  
10 mV/10 µsec/DIV



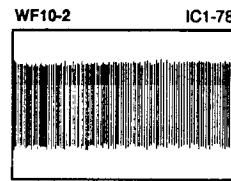
REC 0.42 Vp-p  
10 mV/10 µsec/DIV



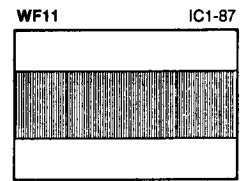
PB 0.42 Vp-p  
10 mV/2 msec/DIV



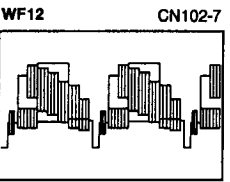
REC 0.62 Vp-p  
10 mV/10 µsec/DIV



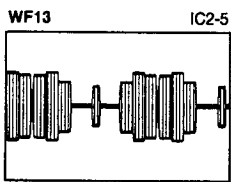
PB 0.22 Vp-p  
10 mV/20 µsec/DIV



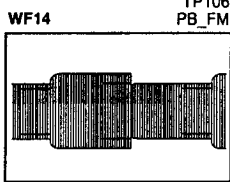
REC 2.7 Vp-p  
50 mV/1 msec/DIV



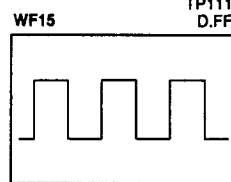
REC 1.02 Vp-p  
20 mV/20 µsec/DIV



REC 0.65 Vp-p  
10 mV/10 µsec/DIV

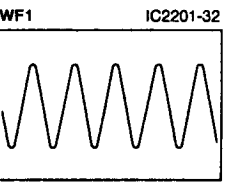


PB 0.25 Vp-p  
5 mV/1 msec/DIV

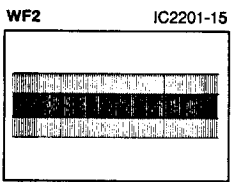


REC/PB 5.1 Vp-p  
0.1 V/10 msec/DIV

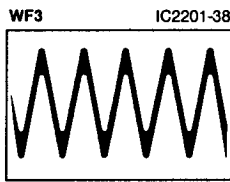
## — FMA —



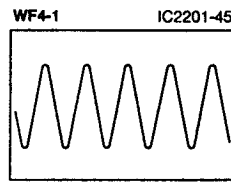
REC 0.1 Vp-p  
2 mV/0.5 msec/DIV



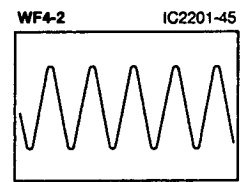
REC 0.26 Vp-p  
5 mV/1 msec/DIV



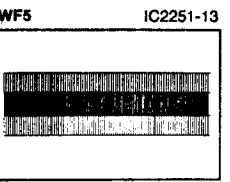
REC 0.11 Vp-p  
2 mV/0.5 msec/DIV



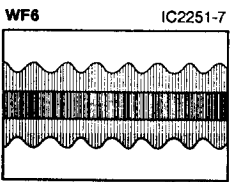
REC 1.04 Vp-p  
20 mV/0.5 msec/DIV



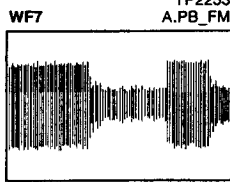
PB 1.04 Vp-p  
20 mV/0.5 msec/DIV



REC 0.11 Vp-p  
5 mV/1 msec/DIV

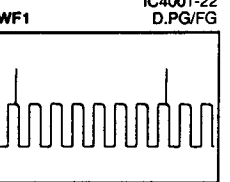


REC 2.1 Vp-p  
50 mV/2 msec/DIV

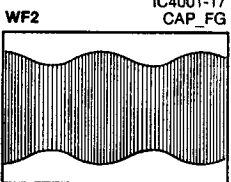


PB 1.0 Vp-p  
20 mV/5 msec/DIV

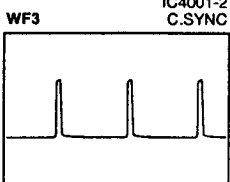
## — SERVO —



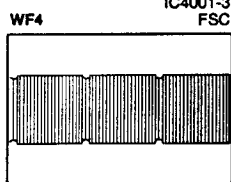
REC/PB 4.0 Vp-p  
0.1 V/5 msec/DIV



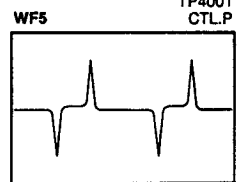
REC/PB 4.1 Vp-p  
0.1 V/10 msec/DIV



REC 5.0 Vp-p  
0.2 V/20 µsec/DIV



REC/PB 0.32 Vp-p  
50 mV/5 msec/DIV



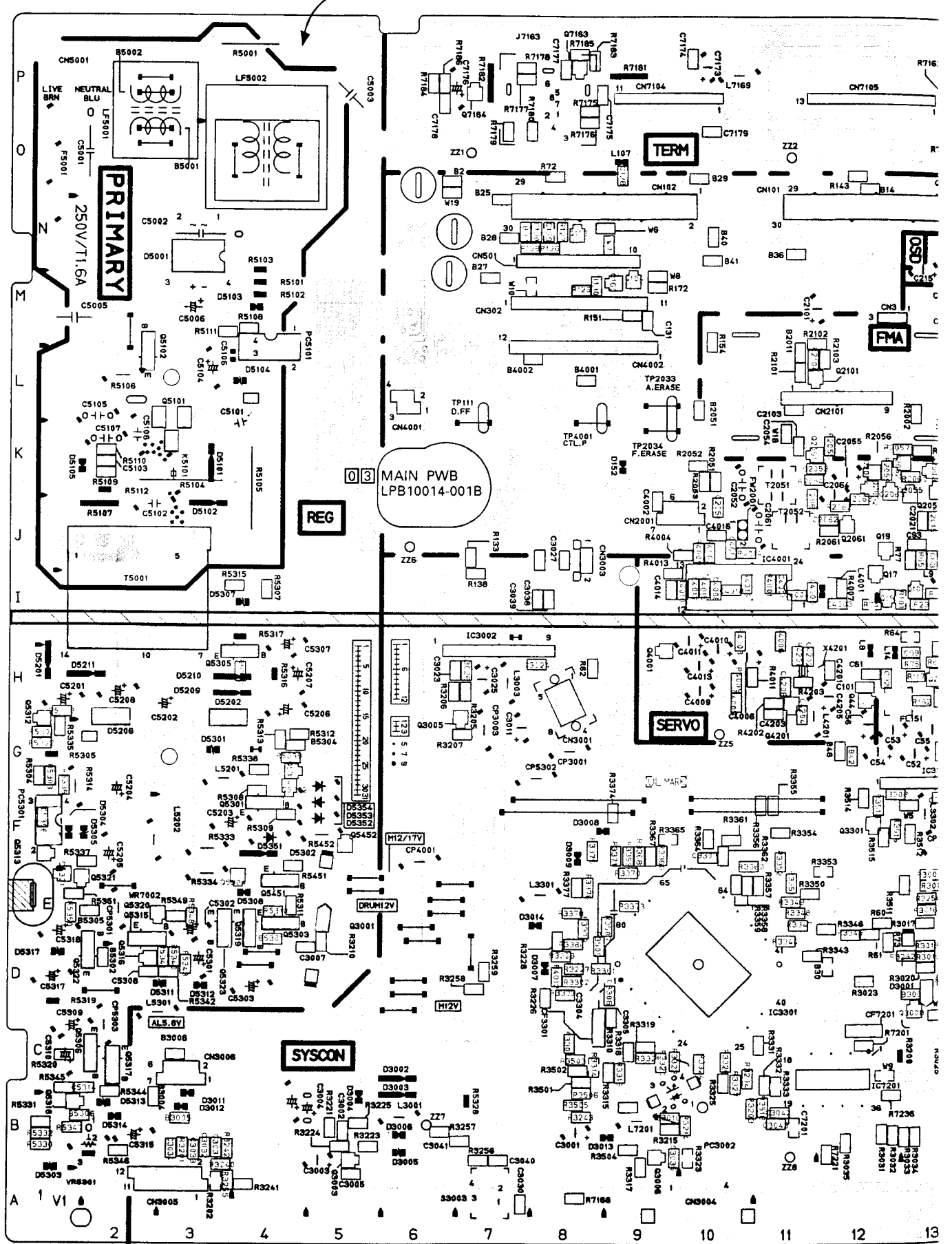
PB 2.8 Vp-p  
50 mV/10 msec/DIV



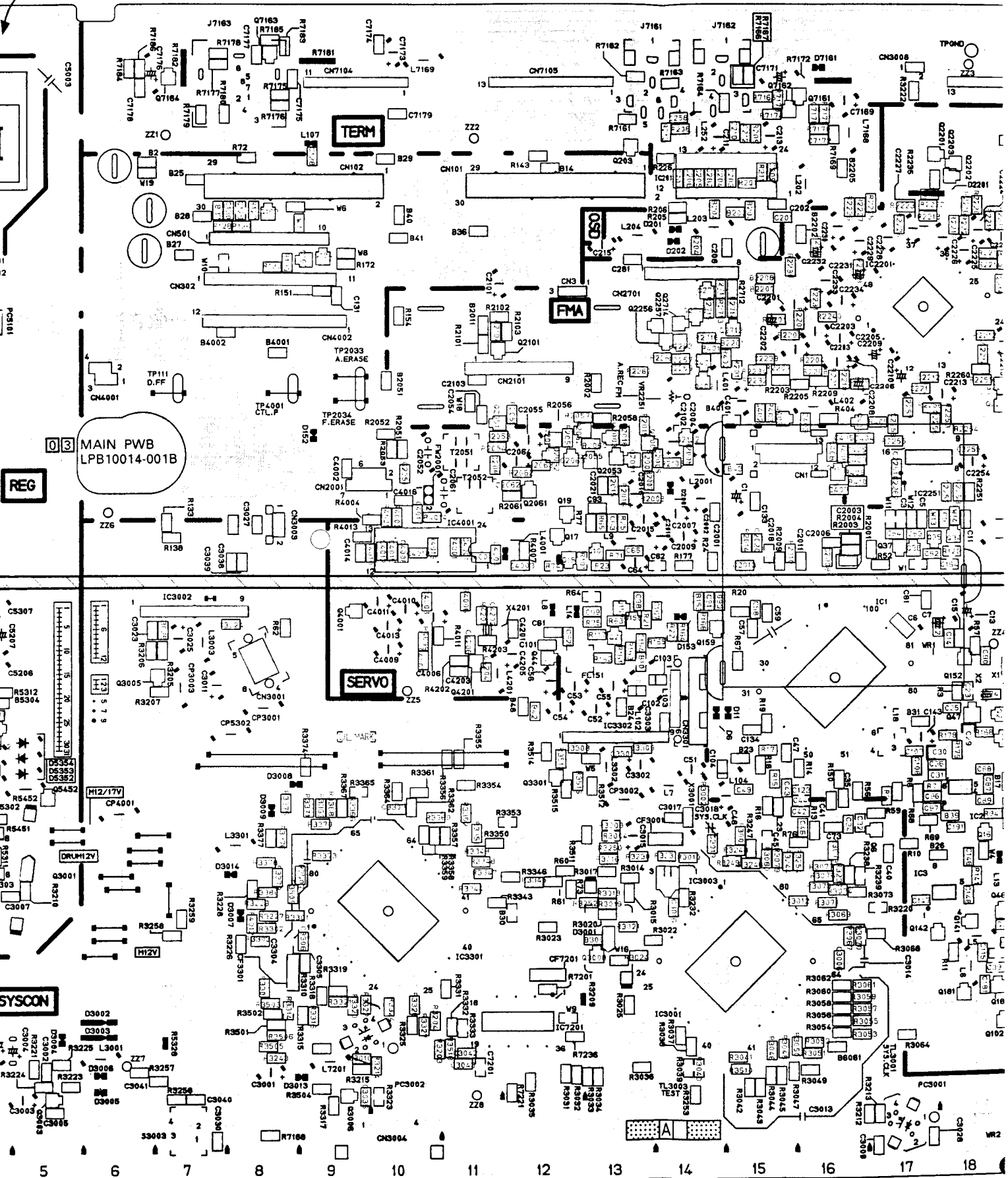


4.9 MAIN AND A/C HEAD CIRCUIT BOARDS

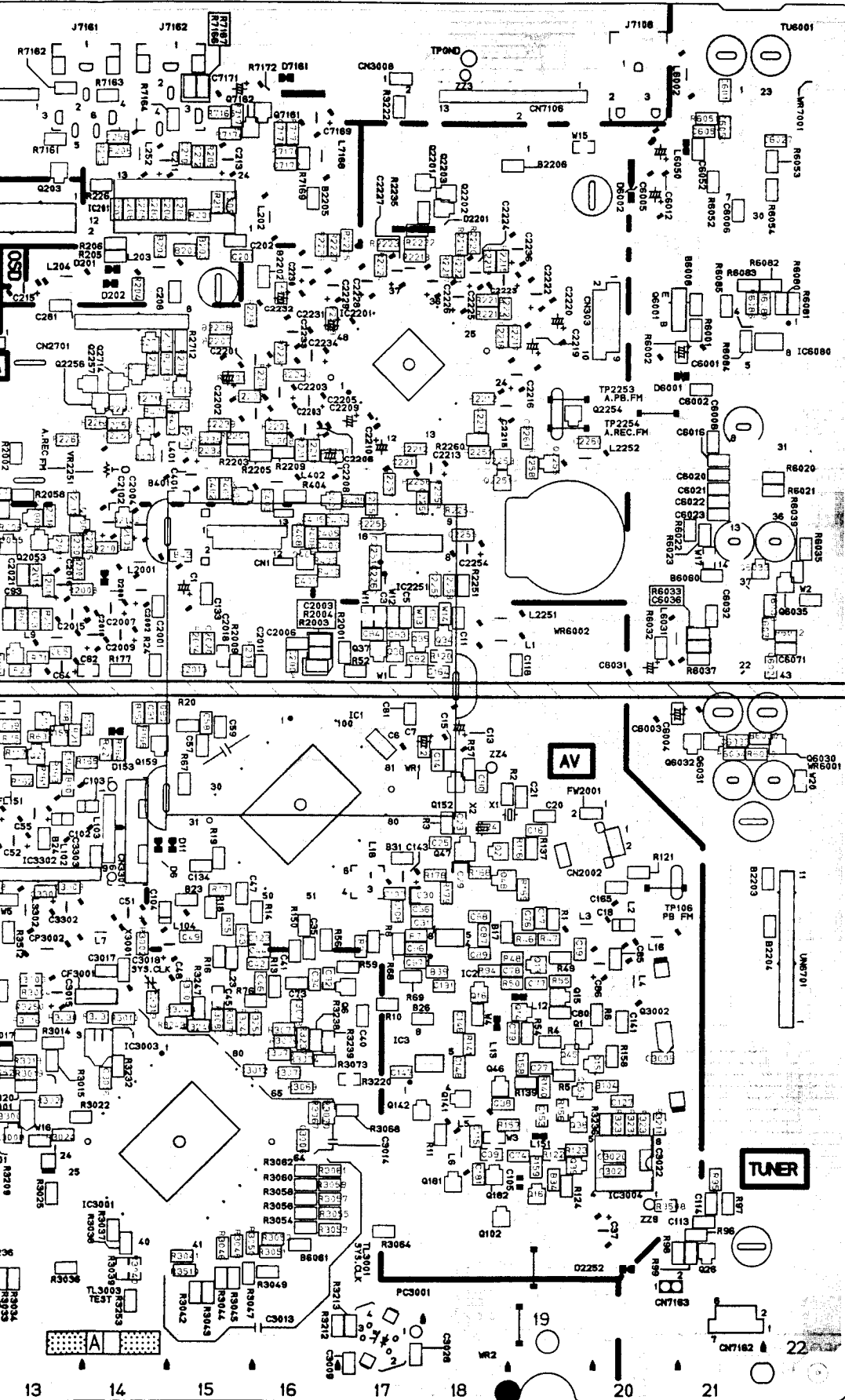
DANGEROUS VOLTAGE



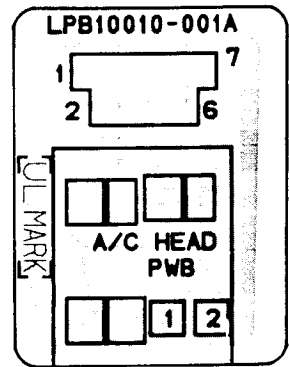
**DANGEROUS VOLTAGE**



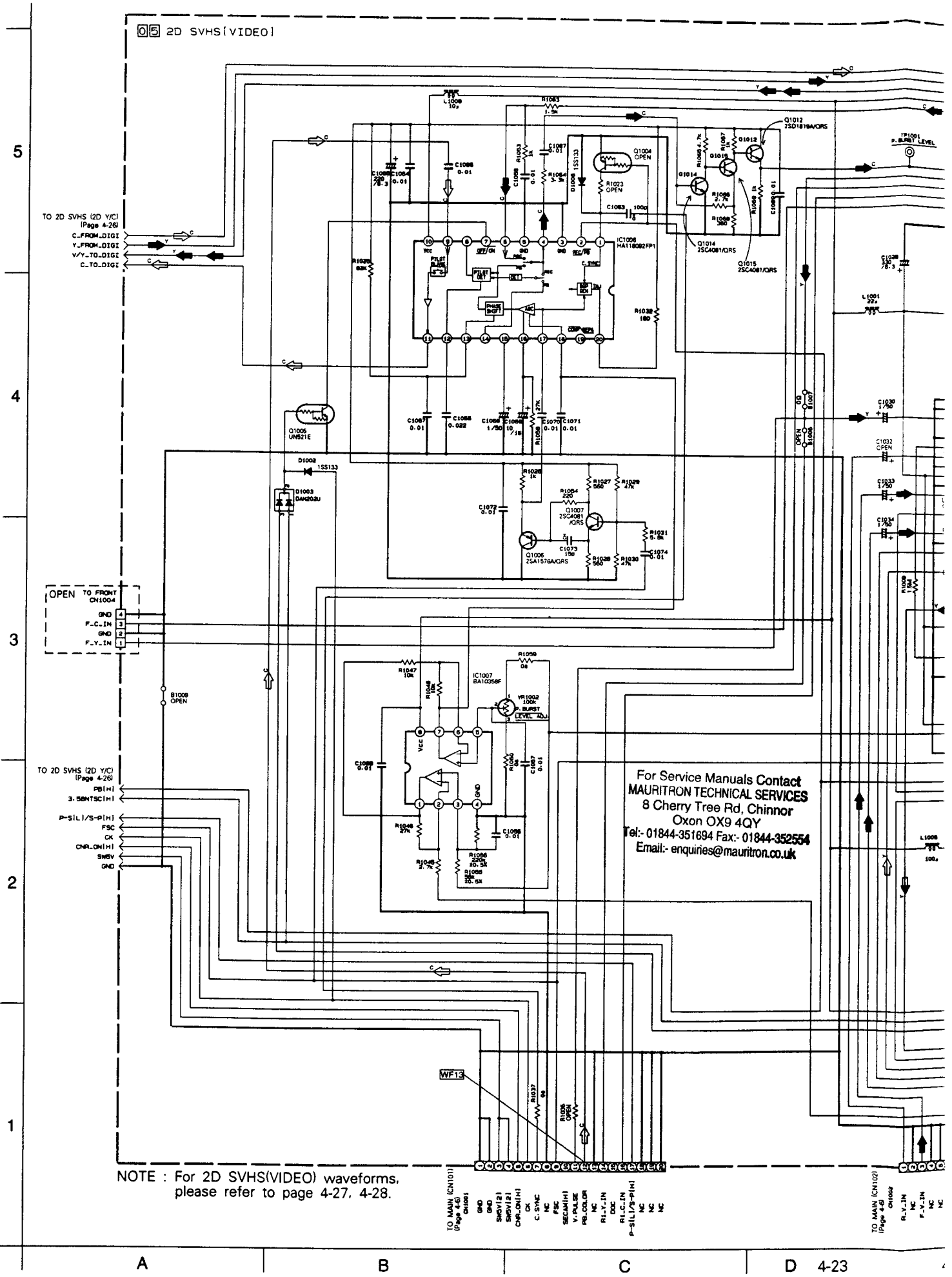
03 MAIN PWB LPB10014-001B



— A/C HEAD —



# 4.10 2D SVHS (VIDEO) SCHEMATIC DIAGRAM



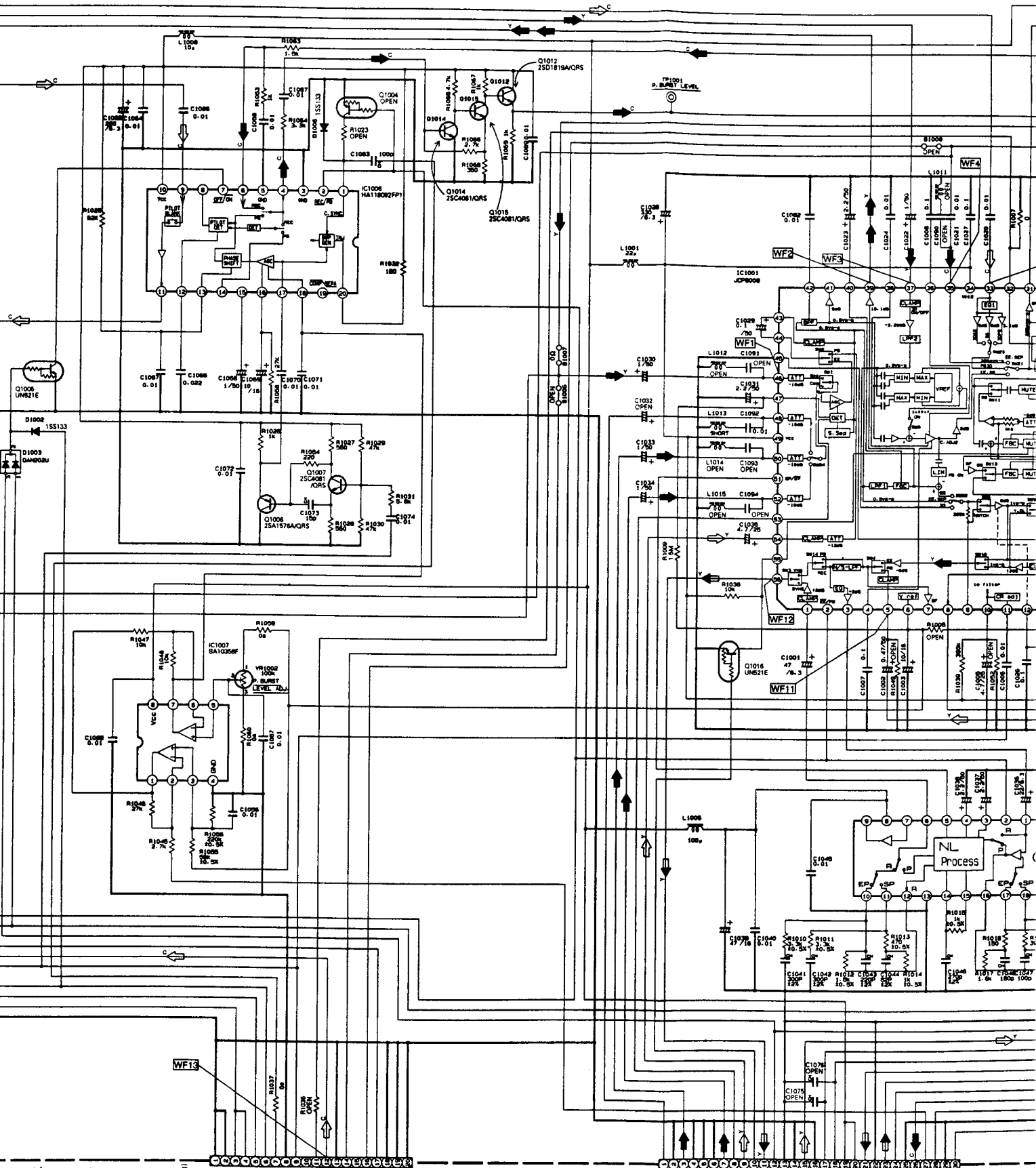
NOTE : For 2D SVHS(VIDEO) waveforms, please refer to page 4-27, 4-28.

For Service Manuals Contact  
**MAURITRON TECHNICAL SERVICES**  
 8 Cherry Tree Rd, Chinnor  
 Oxon OX9 4QY  
 Tel:- 01844-351694 Fax:- 01844-352554  
 Email:- enquires@mauritron.co.uk

- TO MAIN (K1011)  
 (Page 4-8)  
 1 GND  
 2 GND  
 3 SVHS(2)  
 4 SVHS(2)  
 5 CHL-ON(H)  
 6 CK  
 7 C-INC  
 8 F-NC  
 9 F-NC  
 10 SEC(M)H  
 11 V-PULSE  
 12 PBL-CLR  
 13 NC  
 14 RLY-IN  
 15 DEC  
 16 RLY(S-P)H  
 17 NC  
 18 NC  
 19 NC

- TO MAIN (K1012)  
 (Page 4-8)  
 1 RLY-IN  
 2 NC  
 3 P-V-IN  
 4 F-V-IN  
 5 NC  
 6 NC

SCHEMATIC DIAGRAM



(VIDEO) waveforms.  
page 4-27, 4-28.

TO MAIN (CN101)  
(Page 4-8)  
CH1001  
GND  
GND  
SHV(I/2)  
SHV(O/2)  
CHL(O/H)  
OK  
C-SYNC  
FSC  
SECAM(H)  
V-PULSE  
PEL-COLOR  
NC  
R-L-TIN  
R-L-C-TIN  
P-SILV(S-PH)  
NC  
NC

TO MAIN (CN102)  
(Page 4-8)  
CH1002  
R-Y-TIN  
NC  
P-Y-TIN  
NC  
NC  
L-WE/TIN  
L-WE/TIN  
P-INT(ELI)  
Y-T0-AV1  
SVS(ELI)  
GND  
GND  
Y-FROM-AVA  
GND  
TRC-CLK  
TRC-DATA  
SHV(I/2)  
SHV(O/2)  
Y-T0-C0B  
V-FROM-C0B  
CHNL-DATA  
GND  
REC-C-OUT  
ACC-DET  
Y-OUT  
GND  
C-OUT

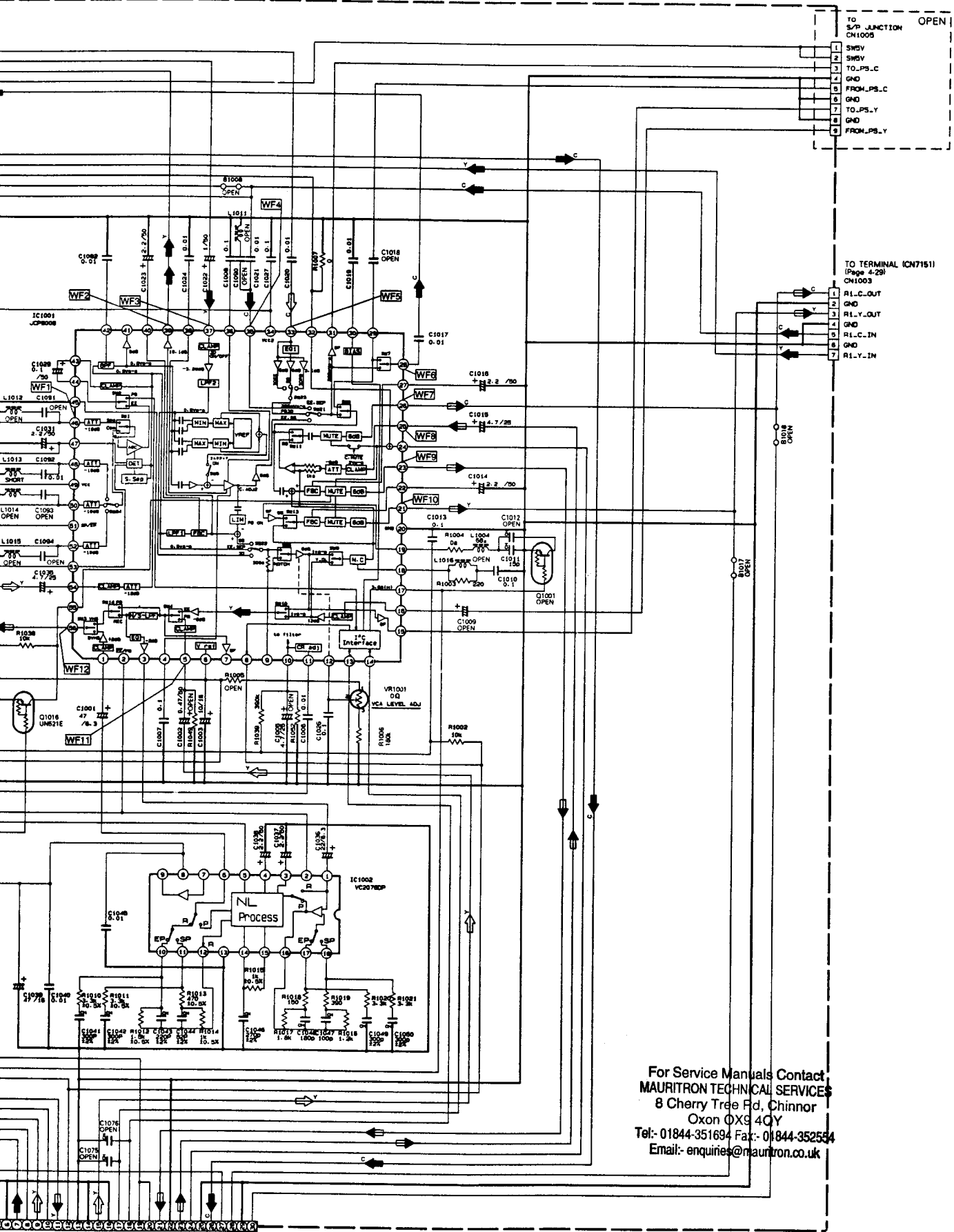
B

C

D 4-23

4-24

E



TO S/P JUNCTION  
CN1005  
OPEN

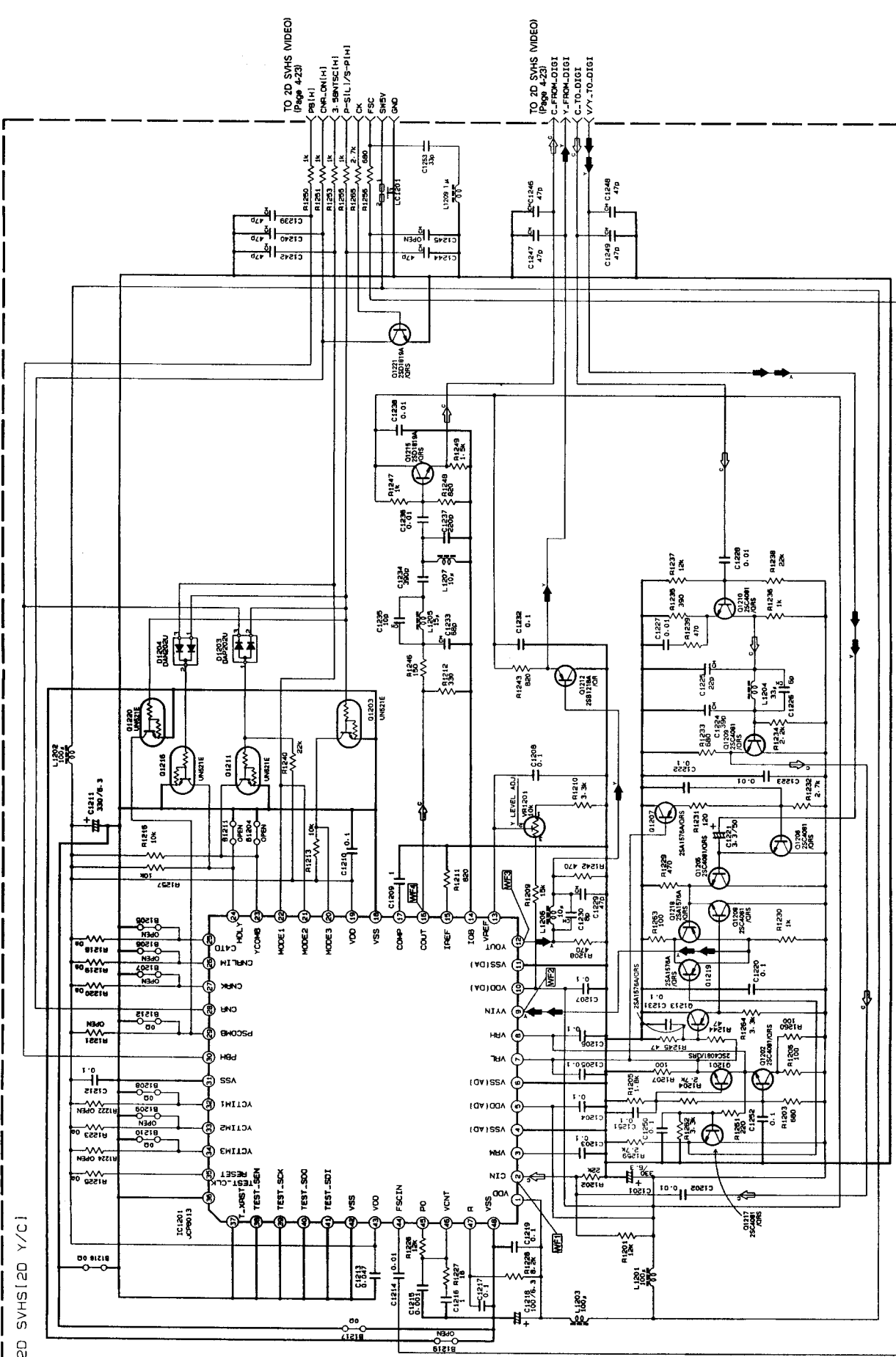
1	SWBV
2	SWBV
3	TO_PS_C
4	FROM_PS_C
5	GND
6	TO_PS_Y
7	GND
8	FROM_PS_Y

TO TERMINAL ICN71511  
(Page 4-29)  
CN1003

1	R1_C_OUT
2	GND
3	R1_Y_OUT
4	GND
5	R1_C_IN
6	GND
7	R1_Y_IN

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 Email: enquires@maurtron.co.uk

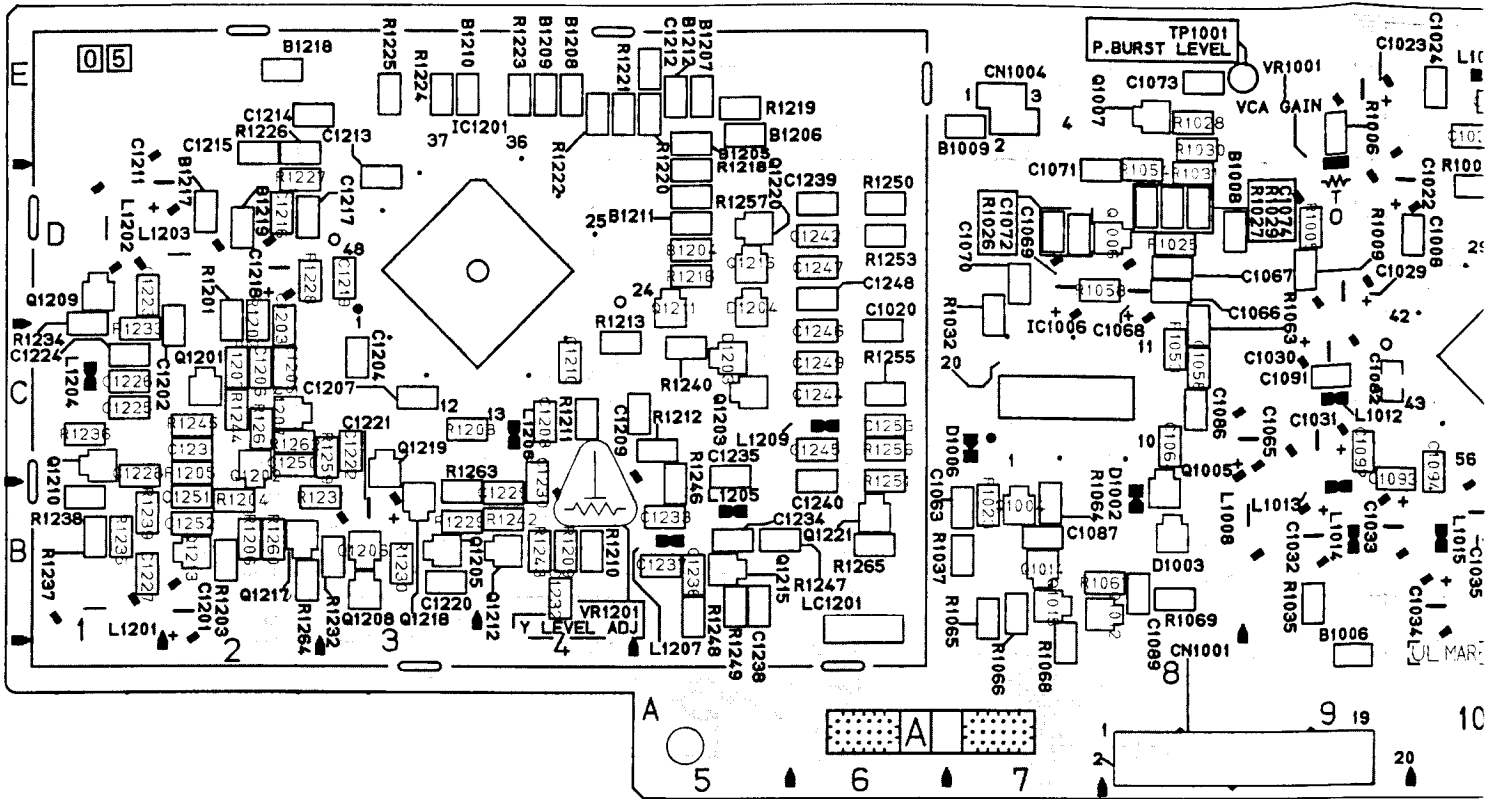
4.11 2D SVHS (2D Y/C) SCHEMATIC DIAGRAM



2D Y/C	VIDEO
WF1	WF13
WF2	WF2
WF3	WF3
WF4	WF5

For 2D SVHS (2D Y/C) waveforms, please refer to page 4-27, 4-28. But the waveform point 'WF1-WF4' are the shield case inside. Therefore the measurement is impossible. In this case, please refer to the waveforms of the 2D SVHS VIDEO as indicated in the following chart.

# 4.12 2D SVHS CIRCUIT BOARD & WAVEFORMS



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 Email:- enquiries@mauritron.co.uk

## WAVEFORMS

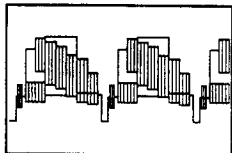
— VIDEO —

WF1 IC1001-46



REC 1.0 Vp-p  
20 mV/20 μsec/DIV

WF2 IC1001-39



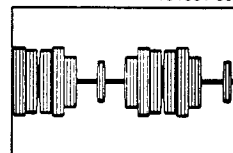
REC 1.7 Vp-p  
50 mV/20 μsec/DIV

WF3 IC1001-37



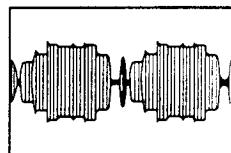
REC 0.7 Vp-p  
20 mV/20 μsec/DIV

WF4 IC1001-35



REC 0.62 Vp-p  
10 mV/10 μsec/DIV

WF5 IC1001-33



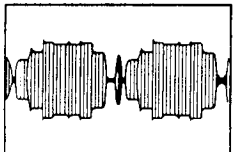
PB 0.4 Vp-p  
10 mV/10 μsec/DIV

WF6



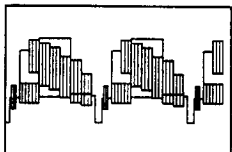
REC  
10 mV

WF7-2 IC1001-26



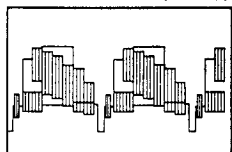
PB 1.24 Vp-p  
20 mV/10 μsec/DIV

WF8-1 IC1001-25



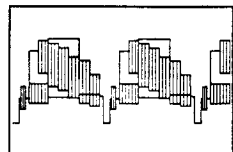
REC 2.0 Vp-p  
50 mV/20 μsec/DIV

WF8-2 IC1001-25



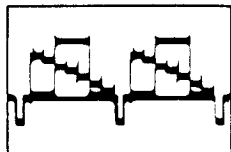
PB 2.3 Vp-p  
50 mV/20 μsec/DIV

WF9 IC1001-23



REC/PB 2.2 Vp-p  
50 mV/20 μsec/DIV

WF10 IC1001-21



REC/PB 2.0 Vp-p  
50 mV/20 μsec/DIV

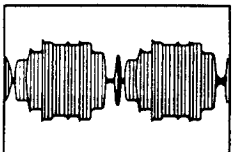
WF11



PB  
10 mV

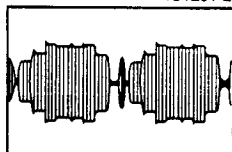
— 2D Y/C —

WF13 CN1001-12



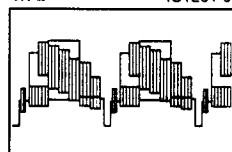
PB 0.62 Vp-p  
10 mV/10 μsec/DIV

WF1 IC1201-2



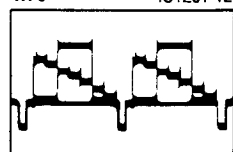
PB 1.7 Vp-p  
50 mV/10 μsec/DIV

WF2 IC1201-9



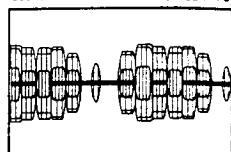
REC 1.7 Vp-p  
50 mV/20 μsec/DIV

WF3 IC1201-12



REC 0.76 Vp-p  
20 mV/20 μsec/DIV

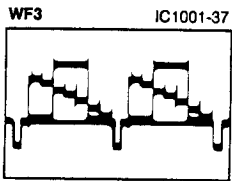
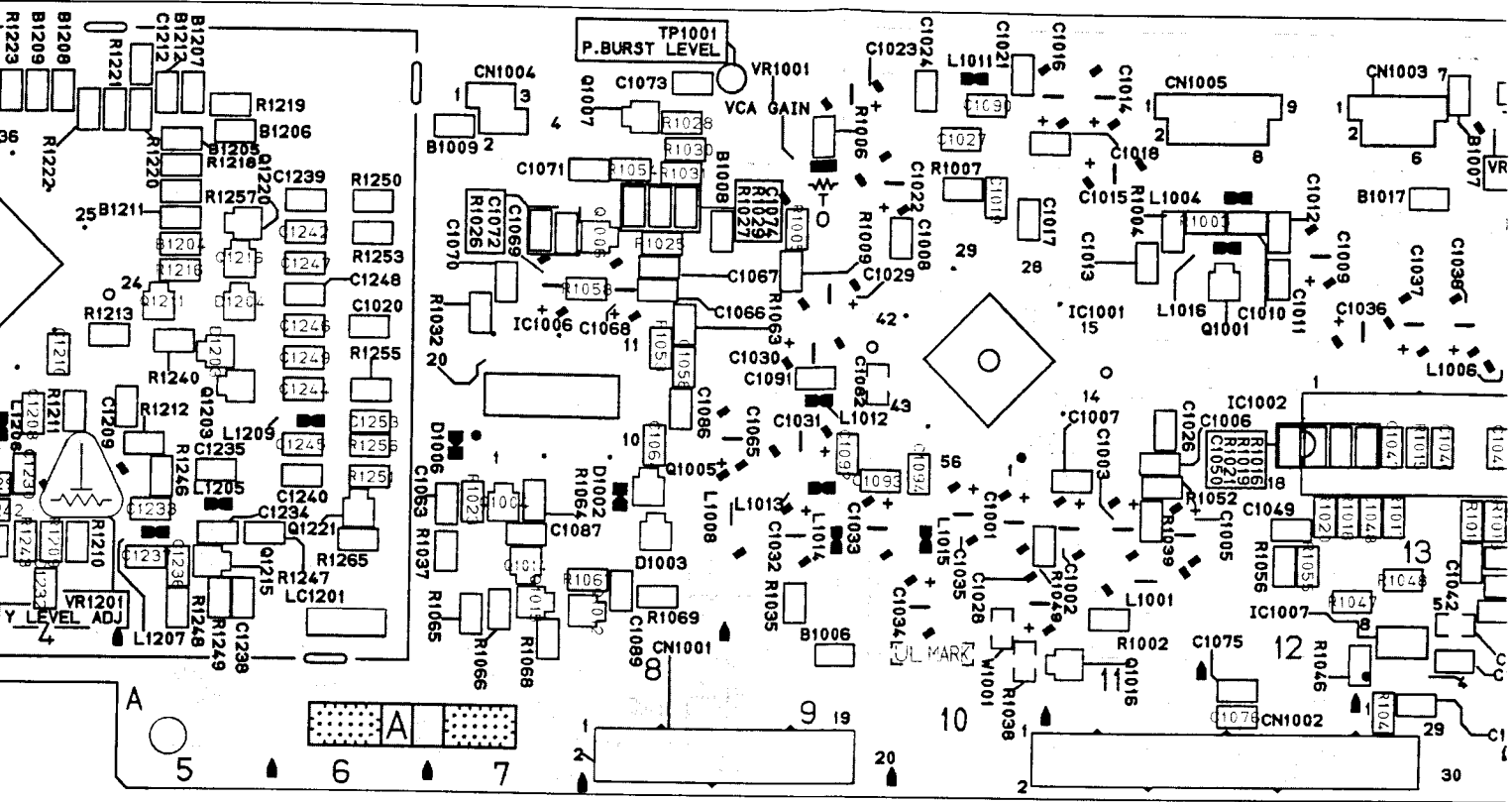
WF4 IC1201-16



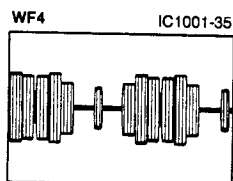
PB 0.6 Vp-p  
10 mV/10 μsec/DIV



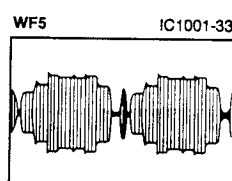
# WAVEFORMS



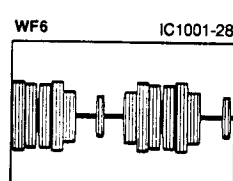
REC 0.7 Vp-p  
20 mV/20  $\mu$ sec/DIV



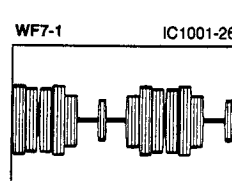
REC 0.62 Vp-p  
10 mV/10  $\mu$ sec/DIV



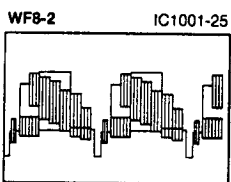
PB 0.4 Vp-p  
10 mV/10  $\mu$ sec/DIV



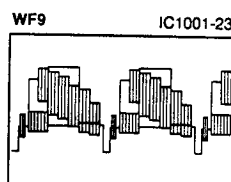
REC 0.62 Vp-p  
10 mV/10  $\mu$ sec/DIV



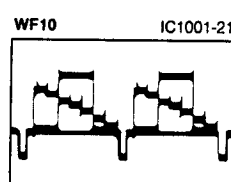
REC 1.28 Vp-p  
50 mV/10  $\mu$ sec/DIV



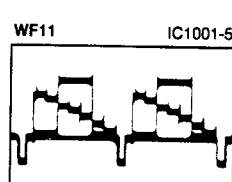
PB 2.3 Vp-p  
50 mV/20  $\mu$ sec/DIV



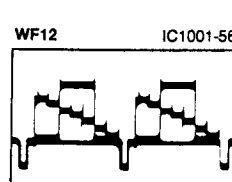
REC/PB 2.2 Vp-p  
50 mV/20  $\mu$ sec/DIV



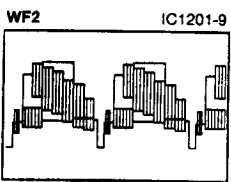
REC/PB 2.0 Vp-p  
50 mV/20  $\mu$ sec/DIV



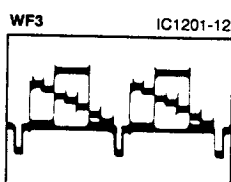
PB 0.56 Vp-p  
10 mV/20  $\mu$ sec/DIV



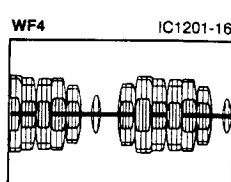
REC/PB 0.50 Vp-p  
10 mV/20  $\mu$ sec/DIV



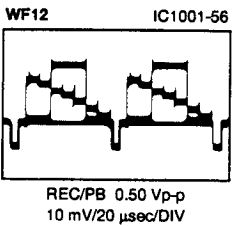
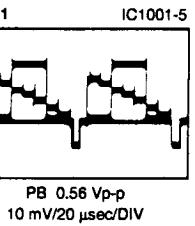
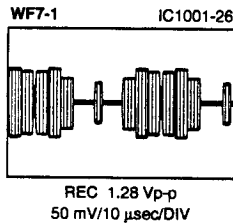
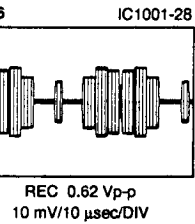
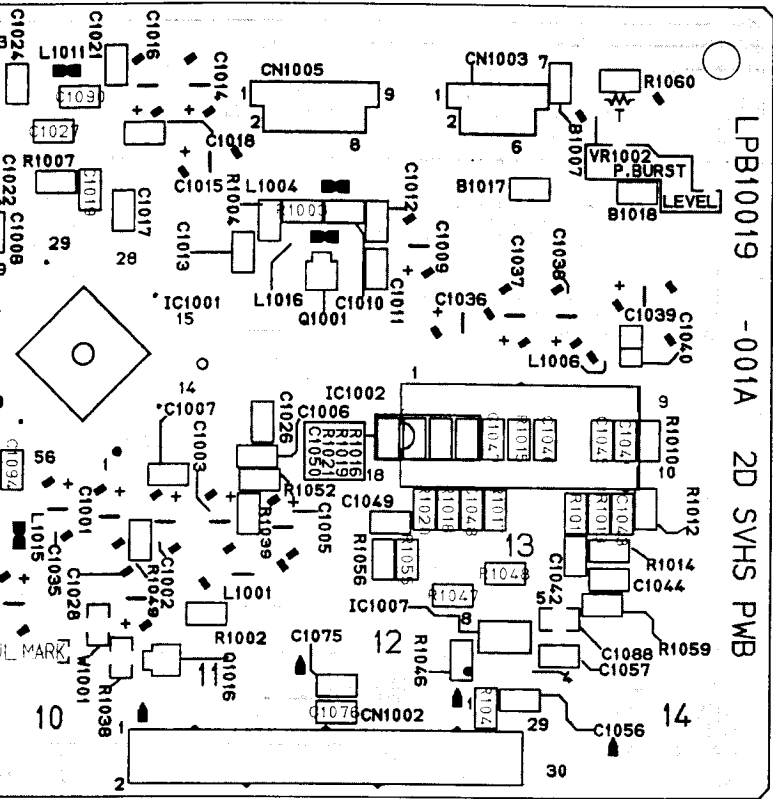
REC 1.7 Vp-p  
50 mV/20  $\mu$ sec/DIV



REC 0.76 Vp-p  
20 mV/20  $\mu$ sec/DIV



PB 0.6 Vp-p  
10 mV/10  $\mu$ sec/DIV



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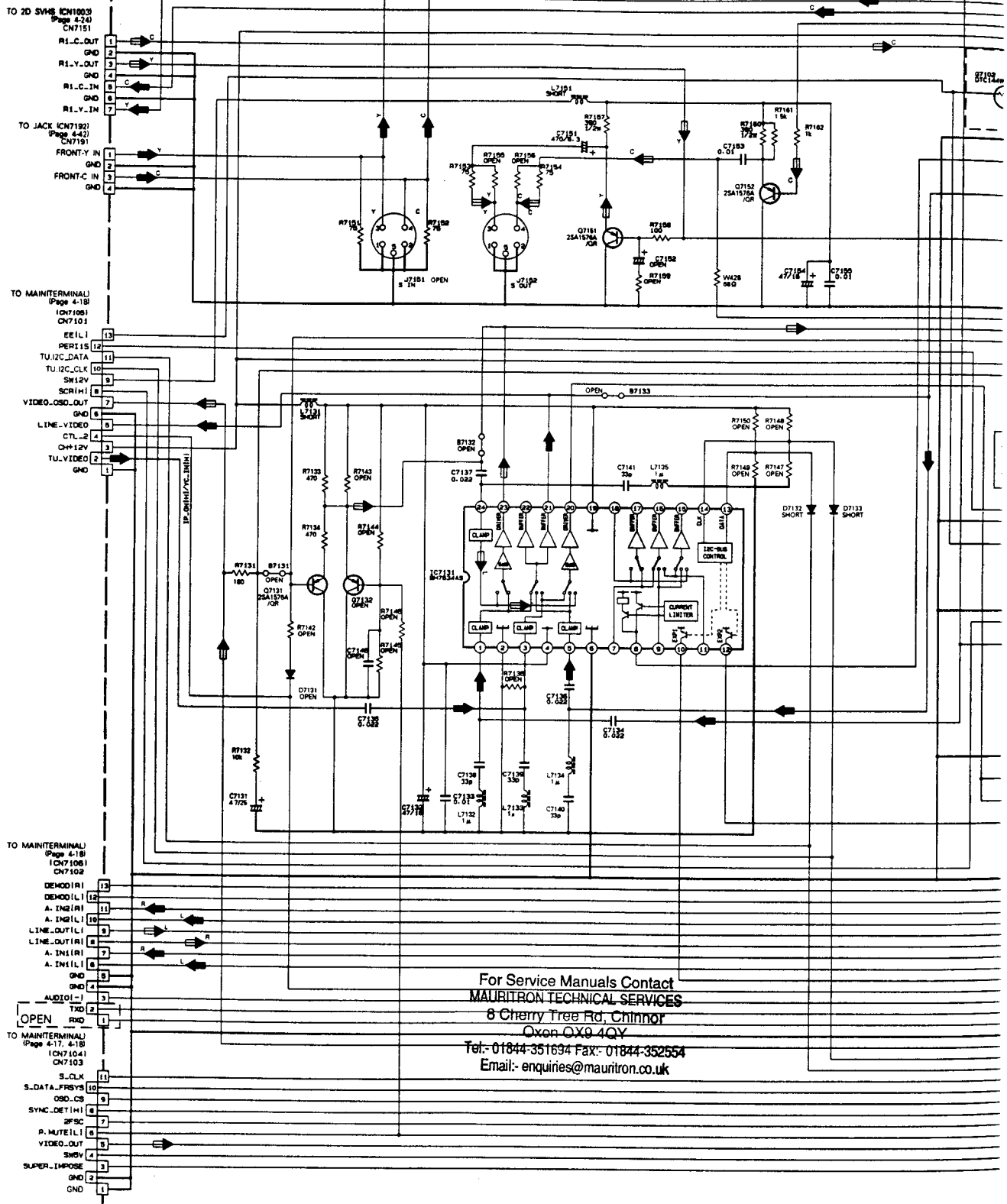
### COMPONENT PARTS LOCATION GUIDE <2D SVHS>

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	
<b>CAPACITOR</b>						
C1001	A D 10B	C1231	B B C	R1014	B C 13B	
C1002	A A D 11B	C1232	B B C	R1015	B C 13C	
C1003	A A D 11B	C1233	B B C	R1016	B C 13C	
C1005	A A D 11B	C1234	B B C	R1017	B C 13B	
C1006	A A D 11B	C1235	B B C	R1018	B C 12B	
C1007	B B C 11C	C1236	B B C	R1019	B C 12C	
C1008	B B C 10D	C1237	B B C	R1020	B C 12B	
C1009	B B C 12D	C1238	B B C	R1021	B C 12C	
C1010	B B C 12D	C1239	B B C	R1023	B C 7B	
C1011	B B C 12D	C1240	B B C	R1025	B C 8D	
C1012	B B C 12D	C1242	B B C	R1026	B C 7D	
C1013	B B C 11D	C1244	B B C	R1027	B C 8D	
C1014	A A D 11B	C1245	B B C	R1028	B C 8E	
C1015	A A D 11B	C1246	B B C	R1029	B C 8E	
C1016	A A D 11B	C1247	B B C	R1030	B C 8E	
C1017	B B C 10D	C1248	B B C	R1031	B C 8D	
C1018	B B C 10E	C1249	B B C	R1032	B C 7D	
C1019	B B C 10D	C1250	B B C	R1035	B C 9B	
C1020	B B C 6C	C1251	B B C	R1037	B C 7B	
C1021	B B C 10E	C1252	B B C	R1038	B C 10A	
C1022	B B C 9D	C1253	B B C	R1039	B C 11B	
C1023	B B C 9E	<b>CONNECTOR</b>			R1045	B C 13A
C1024	B B C 10E	CN1001	A D 8A	R1046	B C 13A	
C1026	B B C 11C	CN1002	A D 11A	R1047	B C 12B	
C1027	B B C 10E	CN1003	A D 12E	R1048	B C 13B	
C1028	A A D 10B	CN1004	A D 7E	R1049	B C 11C	
C1029	B B C 9D	CN1005	A D 11E	R1052	B C 8C	
C1030	B B C 9C	<b>DIODE</b>			R1053	B C 8D
C1031	B B C 9C	D1002	A D 8B	R1054	B C 12B	
C1032	B B C 9B	D1003	A B C	R1055	B C 12B	
C1033	B B C 10B	D1006	A D 7C	R1056	B C 7D	
C1034	B B C 10B	D1203	B C 5C	R1058	B C 13B	
C1035	B B C 12D	D1204	B C 5D	R1059	B C 14E	
C1036	B B C 13C	<b>IC</b>			R1063	B C 8D
C1037	B B C 13C	IC1001	B C 10C	R1064	B C 7B	
C1038	B B C 14D	IC1002	A D 12C	R1065	B C 7B	
C1039	B B C 14C	IC1006	B C 7C	R1066	B C 8B	
C1040	B B C 14C	IC1007	B C 13B	R1067	B C 7A	
C1041	B B C 13B	IC1201	B C 4D	R1068	B C 8B	
C1042	B B C 14B	<b>COIL</b>			R1069	B C 2D
C1043	B B C 13B	L1001	A D 11B	R1201	B C 2D	
C1044	B B C 13C	L1004	A D 12D	R1202	B C 2B	
C1045	B B C 13C	L1006	A D 14C	R1203	B C 2B	
C1046	B B C 13C	L1008	A D 8B	R1204	B C 2C	
C1047	B B C 13B	L1011	A D 10E	R1205	B C 3C	
C1048	B B C 12B	L1012	A D 9C	R1206	B C 4B	
C1049	B B C 12C	L1013	A D 9B	R1207	B C 4B	
C1050	B B C 13A	L1014	A D 9B	R1209	B C 5C	
C1056	B B C 8C	L1015	A D 10B	R1210	B C 4C	
C1057	B B C 8C	L1016	A D 12D	R1211	B C 4C	
C1058	B B C 8C	L1201	A D 1B	R1212	B C 5D	
C1063	B B C 8D	L1202	A D 1D	R1213	B C 5D	
C1064	B B C 8D	L1203	A D 2D	R1218	B C 5E	
C1065	B B C 8D	L1204	A D 1C	R1219	B C 5E	
C1066	B B C 8D	L1205	A D 5B	R1220	B C 5E	
C1067	B B C 8D	L1206	A D 4C	R1221	B C 4E	
C1068	B B C 8D	L1207	A D 5B	R1222	B C 4E	
C1069	B B C 7D	L1209	A D 6C	R1223	B C 3E	
C1070	B B C 7D	<b>TRANSISTOR</b>			R1224	B C 3E
C1071	B B C 7D	Q1001	B B C 12D	R1225	B C 2E	
C1072	B B C 7D	Q1004	B B C 7B	R1226	B C 2D	
C1073	B B C 8E	Q1005	B B C 8B	R1228	B C 2D	
C1074	B B C 8D	Q1006	B B C 8D	R1229	B C 3B	
C1075	B B C 12A	Q1007	B B C 8E	R1230	B C 3B	
C1076	B B C 12A	Q1012	B B C 8B	R1231	B C 3B	
C1082	B B C 9C	Q1014	B B C 7B	R1233	B C 1C	
C1086	B B C 8C	Q1015	B B C 7B	R1234	B C 1D	
C1087	B B C 7B	Q1016	B B C 11A	R1235	B C 1B	
C1088	B B C 13B	Q1201	B B C 2C	R1236	B C 1C	
C1089	B B C 8B	Q1203	B B C 5C	R1237	B C 1B	
C1090	B B C 10E	Q1205	B B C 3B	R1238	B C 1B	
C1091	B B C 9C	Q1206	B B C 3B	R1239	B C 5C	
C1092	B B C 9C	Q1207	B B C 3C	R1240	B C 4B	
C1093	B B C 10C	Q1208	B B C 3B	R1242	B C 4B	
C1094	B B C 2B	Q1209	B B C 1C	R1243	B C 4B	
C1201	A A D 2B	Q1210	B B C 5D	R1244	B C 2C	
C1202	B B C 2C	Q1211	B B C 5D	R1245	B C 2C	
C1203	B B C 2C	Q1212	B B C 4B	R1246	B C 5B	
C1204	B B C 3C	Q1213	B B C 2B	R1247	B C 5B	
C1205	B B C 2C	Q1215	B B C 5B	R1248	B C 5B	
C1206	B B C 2C	Q1216	B B C 5D	R1249	B C 5B	
C1207	B B C 3C	Q1217	B B C 2B	R1250	B C 6D	
C1208	B B C 4C	Q1218	B B C 3B	R1251	B C 6C	
C1209	B B C 5C	Q1219	B B C 3C	R1253	B C 6D	
C1210	B B C 4C	Q1220	B B C 5D	R1255	B C 6C	
C1211	B B C 2D	Q1221	B B C 6B	R1256	B C 6C	
C1212	B B C 5E	<b>RESISTOR</b>			R1257	B C 5D
C1213	B B C 2E	R1002	B B C 11B	R1259	B C 3C	
C1214	B B C 2E	R1003	B B C 11D	R1260	B C 2B	
C1215	B B C 2E	R1004	B B C 11D	R1261	B C 2C	
C1216	B B C 2D	R1005	B B C 9D	R1262	B C 2C	
C1217	B B C 2D	R1006	B B C 9E	R1263	B C 3B	
C1218	B B C 2D	R1007	B B C 10D	R1264	B C 2B	
C1219	B B C 3D	R1009	B B C 9D	R1265	B C 6B	
C1220	B B C 3B	R1010	B B C 14C	<b>OTHER</b>		
C1221	B B C 3B	R1011	B B C 13B	TP1001	A D 8E	
C1222	B B C 3C	R1012	B B C 14B	VR1001	A D 9D	
C1223	B B C 1D	R1013	B B C 13B	VR1002	A D 14E	
C1224	B B C 1C	<b>OTHER</b>			VR1201	A D 4C
C1225	B B C 1C	LC1201	A D 6B			
C1226	B B C 1C					
C1227	B B C 1B					
C1228	B B C 1C					
C1229	B B C 4B					
C1230	B B C 4C					

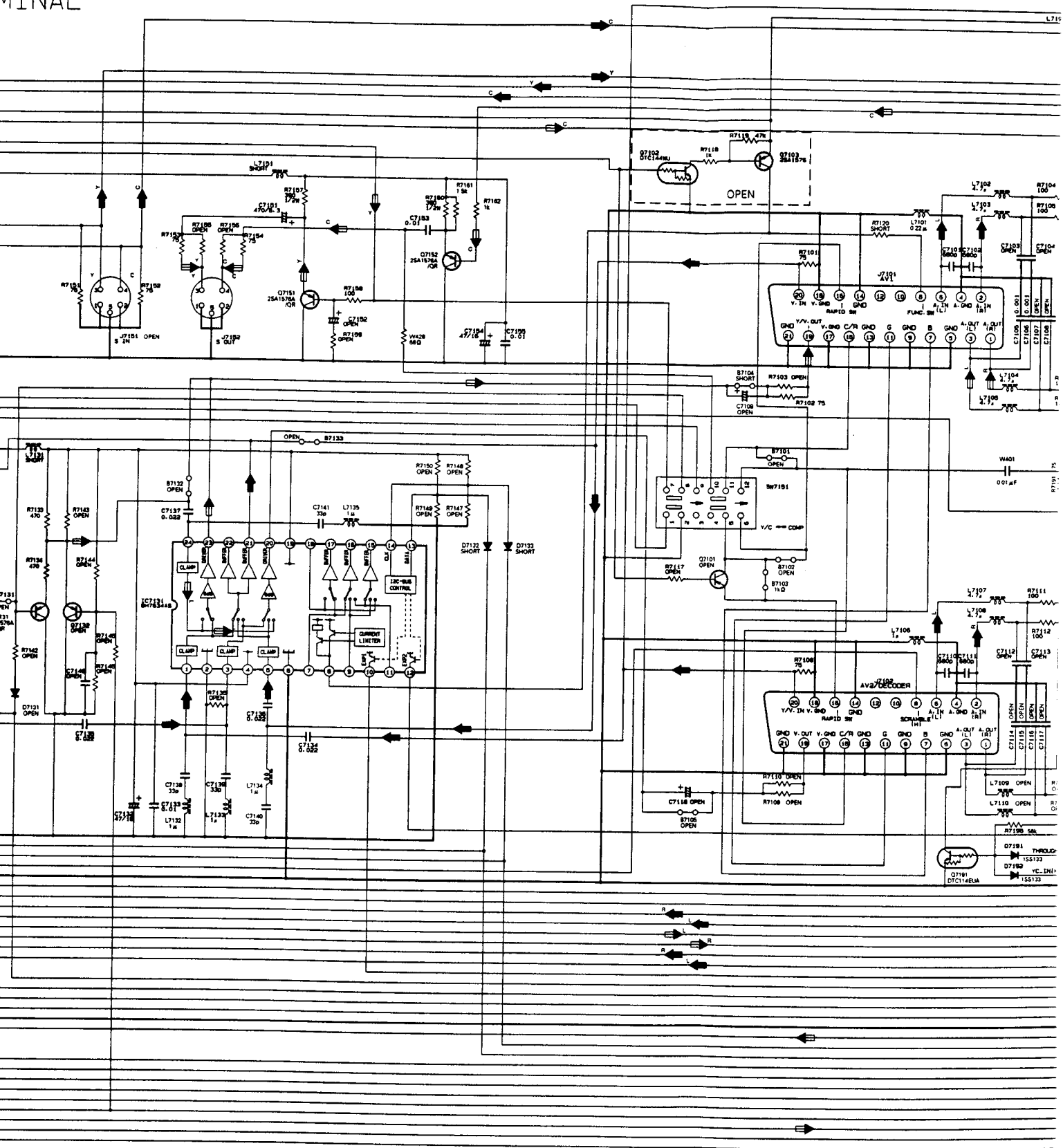
# 4.13 TERMINAL SCHEMATIC DIAGRAM

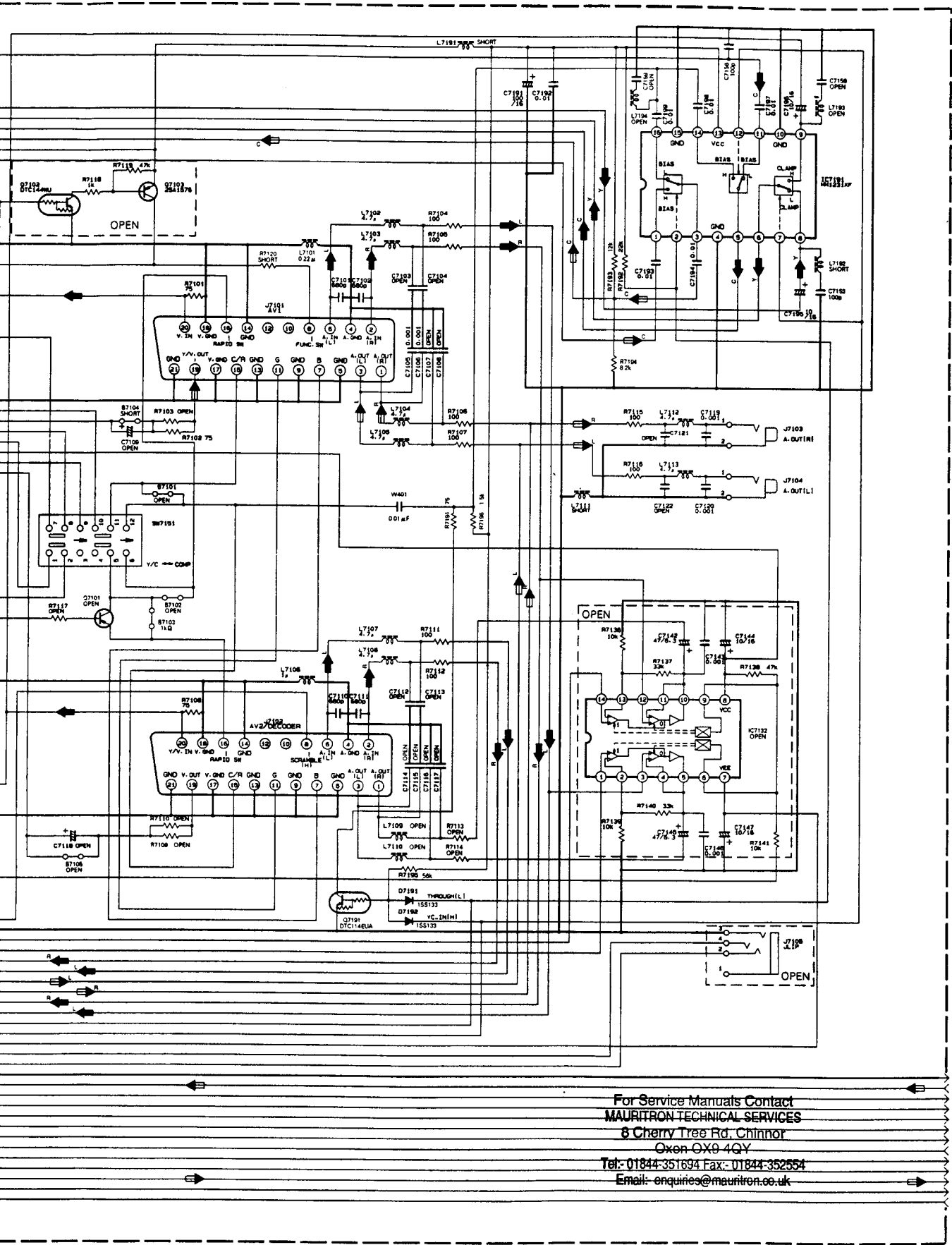
06 TERMINAL

5  
4  
3  
2  
1



For Service Manuals Contact  
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 8 Cherry Tree Rd, Chinnor  
 Oxon OX9 4QY  
 Tel:- 01844-351694 Fax:- 01844-352554  
 Email:- enquiries@maurtron.co.uk



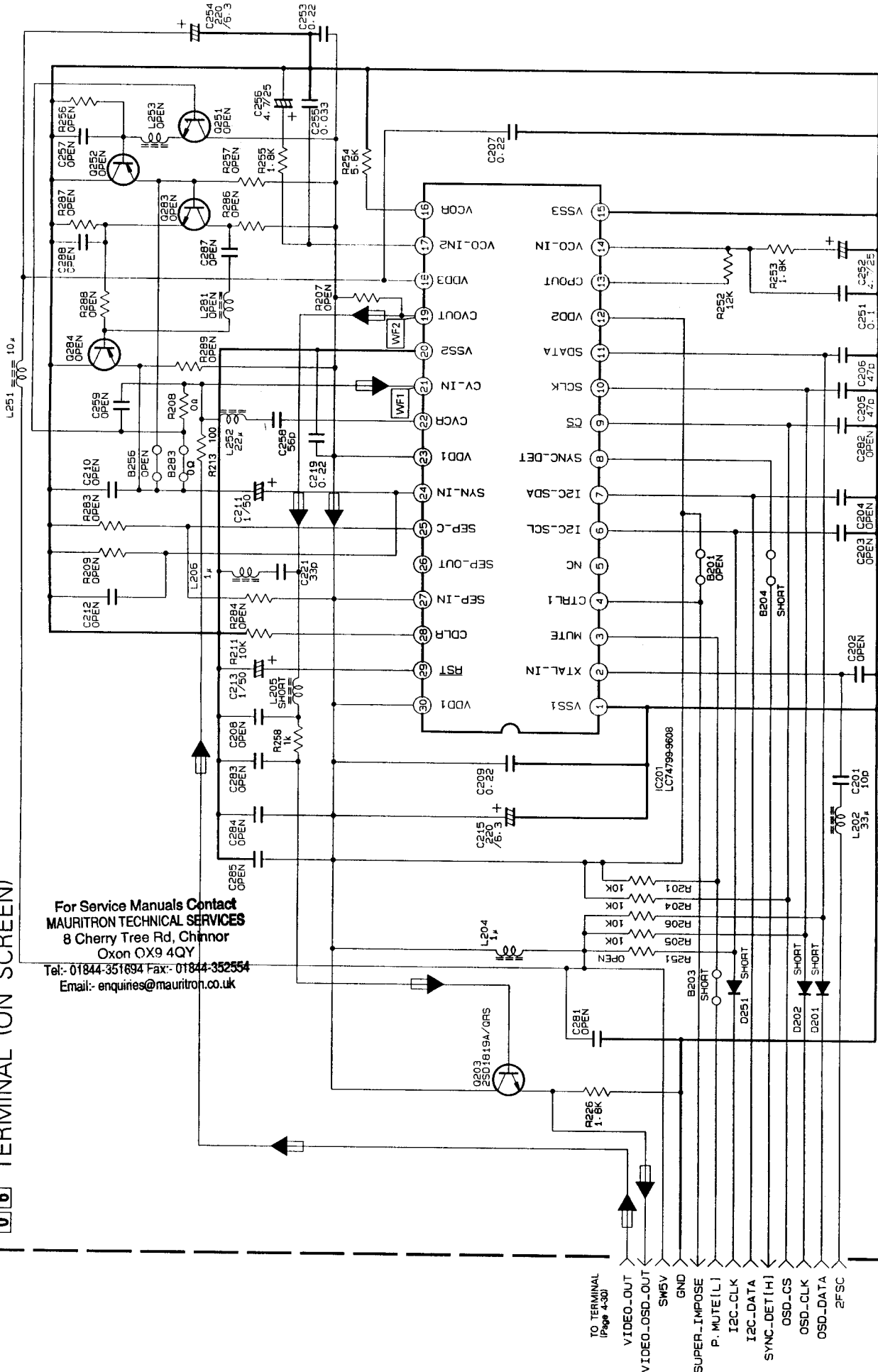


- TO ON SCREEN
- Page 4-311
- GND
- VIDEO\_OSD\_OUT
- I2C\_CLK
- I2C\_DATA
- OSD\_CLK
- OSD\_DATA
- OSD\_CS
- SYNC\_DET(H)
- IFSC
- P\_MUTE(L)
- VIDEO\_OUT
- SHV
- SUPER\_IMPOSE

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06 TERMINAL (ON SCREEN)

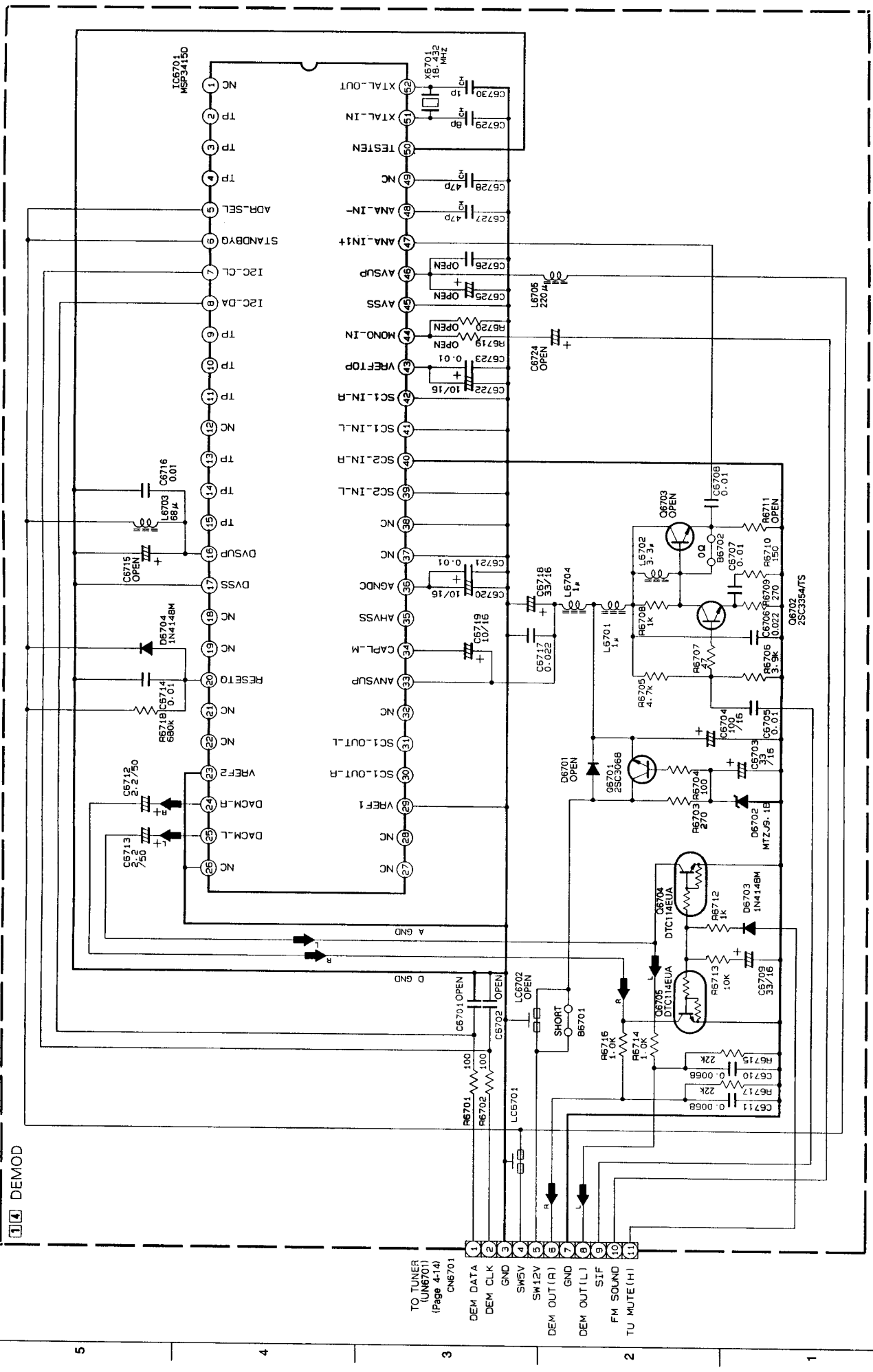
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NOTE : For ON SCREEN waveforms, please refer to page 4-34.

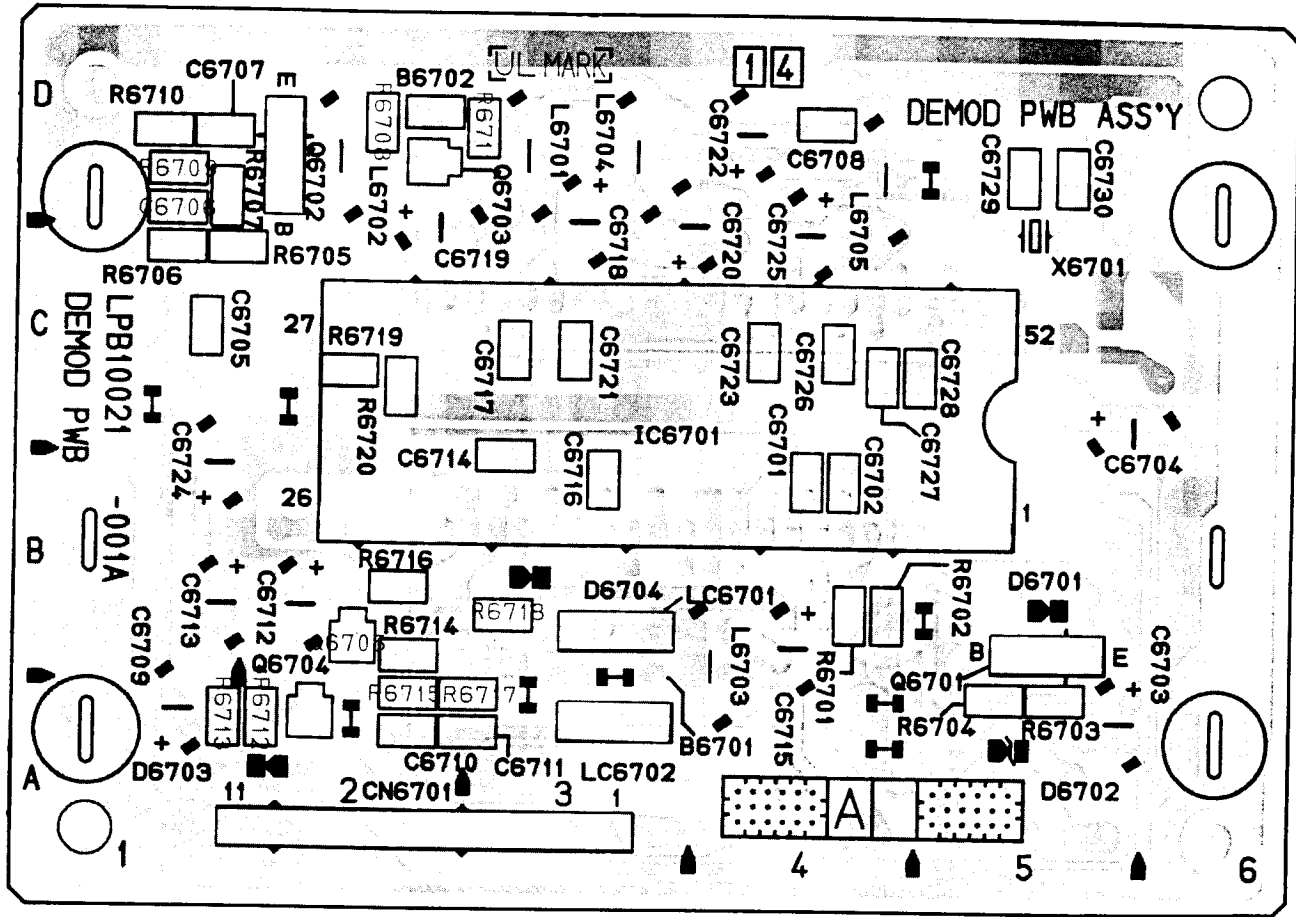


4.16 DEMODULATOR SCHEMATIC DIAGRAM





# 4.17 DEMODULATOR CIRCUIT BOARD

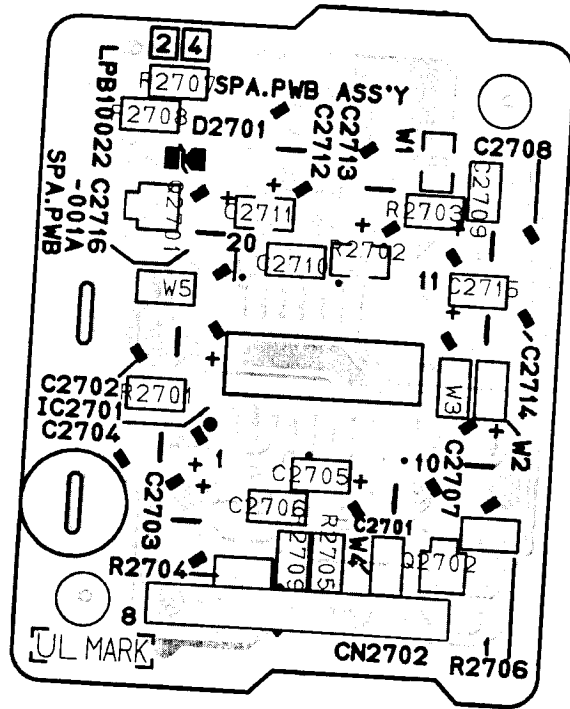


COMPONENT PARTS LOCATION GUIDE <DEMOMULATOR>

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
<b>CAPACITOR</b>		C6717	B C 3C	<b>DIODE</b>		Q6702	A D 2D	R6712	B C 2A
C6701	B C 4B	C6718	A D 3D	D6701	A D 5B	Q6703	B C 2D	R6713	B C 1A
C6702	B C 4B	C6719	A D 2D	D6702	A D 5A	Q6704	B C 2A	R6714	B C 2B
C6703	A D 5A	C6720	A D 3C	D6703	A D 2A	Q6705	B C 2B	R6715	B C 2A
C6704	A D 5C	C6721	B C 3C	D6704	A D 3B	<b>RESISTOR</b>		R6716	B C 2B
C6705	B C 1C	C6722	A D 4D	<b>IC</b>		R6701	B C 4B	R6717	B C 3A
C6706	B C 1D	C6723	B C 4C	IC6701	A D 5B	R6702	B C 4B	R6718	B C 3B
C6707	B C 1D	C6724	A D 1B	<b>COIL</b>		R6703	B C 5A	R6719	B C 2C
C6708	B C 4D	C6725	A D 4D	L6701	A D 3D	R6704	B C 5A	R6720	B C 2C
C6709	A D 1A	C6726	B C 4C	L6702	A D 2D	R6705	B C 1C	<b>OTHERS</b>	
C6710	B C 2A	C6727	B C 4C	L6703	A D 4A	R6706	B C 1C	LC6701	A D 3B
C6711	B C 3A	C6728	B C 5C	L6704	A D 3D	R6707	B C 1D	LC6702	A D 3A
C6712	A D 2B	C6729	B C 5D	L6705	A D 4D	R6708	B C 2D	X6701	A D 5D
C6713	A D 1B	C6730	B C 5D	<b>CONNECTOR</b>		R6709	B C 1D		
C6714	B C 3C	<b>CONNECTOR</b>		<b>TRANSISTOR</b>		R6710	B C 1D		
C6715	A D 4B	CN6701	A D 3A	Q6701	A D 5B	R6711	B C 3D		
C6716	B C 3B								

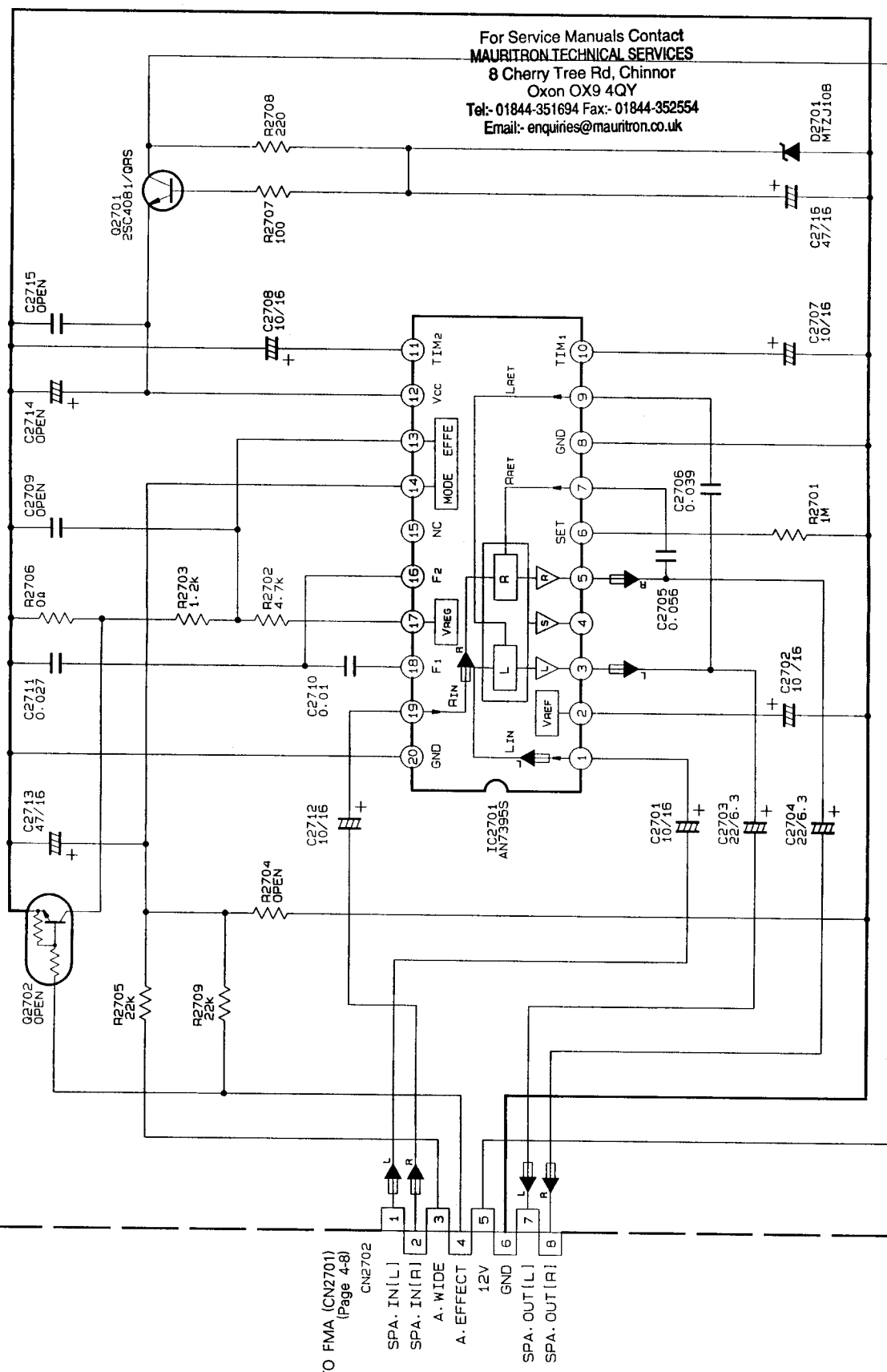
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4.18 SPATIALIZER CIRCUIT BOARD



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# 24 SPATIALIZER



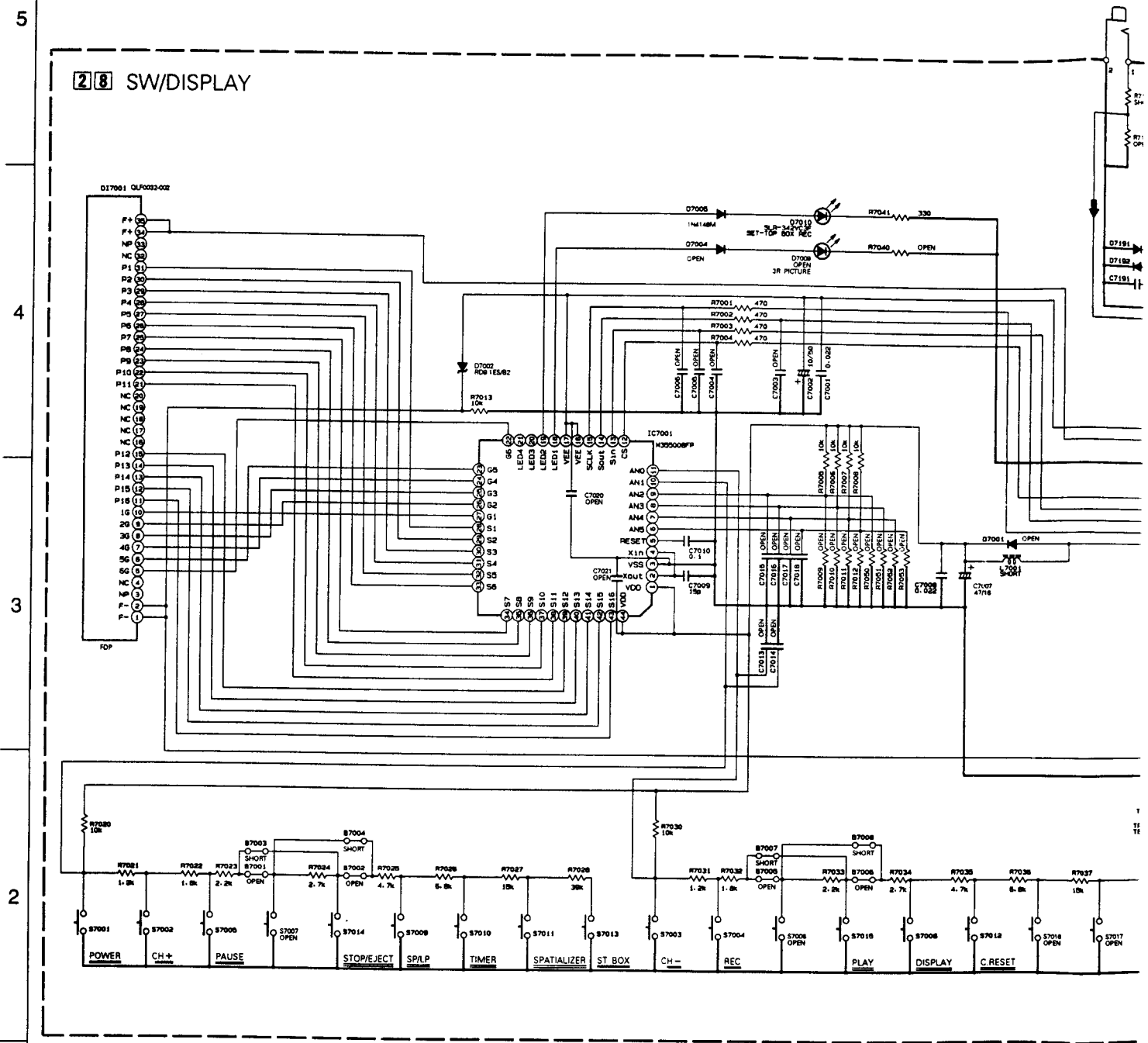
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TO FMA (CN2701)  
 (Page 4-8)  
 CN2702  
 SPA. IN [L] 1  
 SPA. IN [R] 2  
 A. WIDE 3  
 A. EFFECT 4  
 12V 6  
 GND 5  
 SPA. OUT [L] 7  
 SPA. OUT [R] 8

A B C D E F G H  
 4-40 4-39

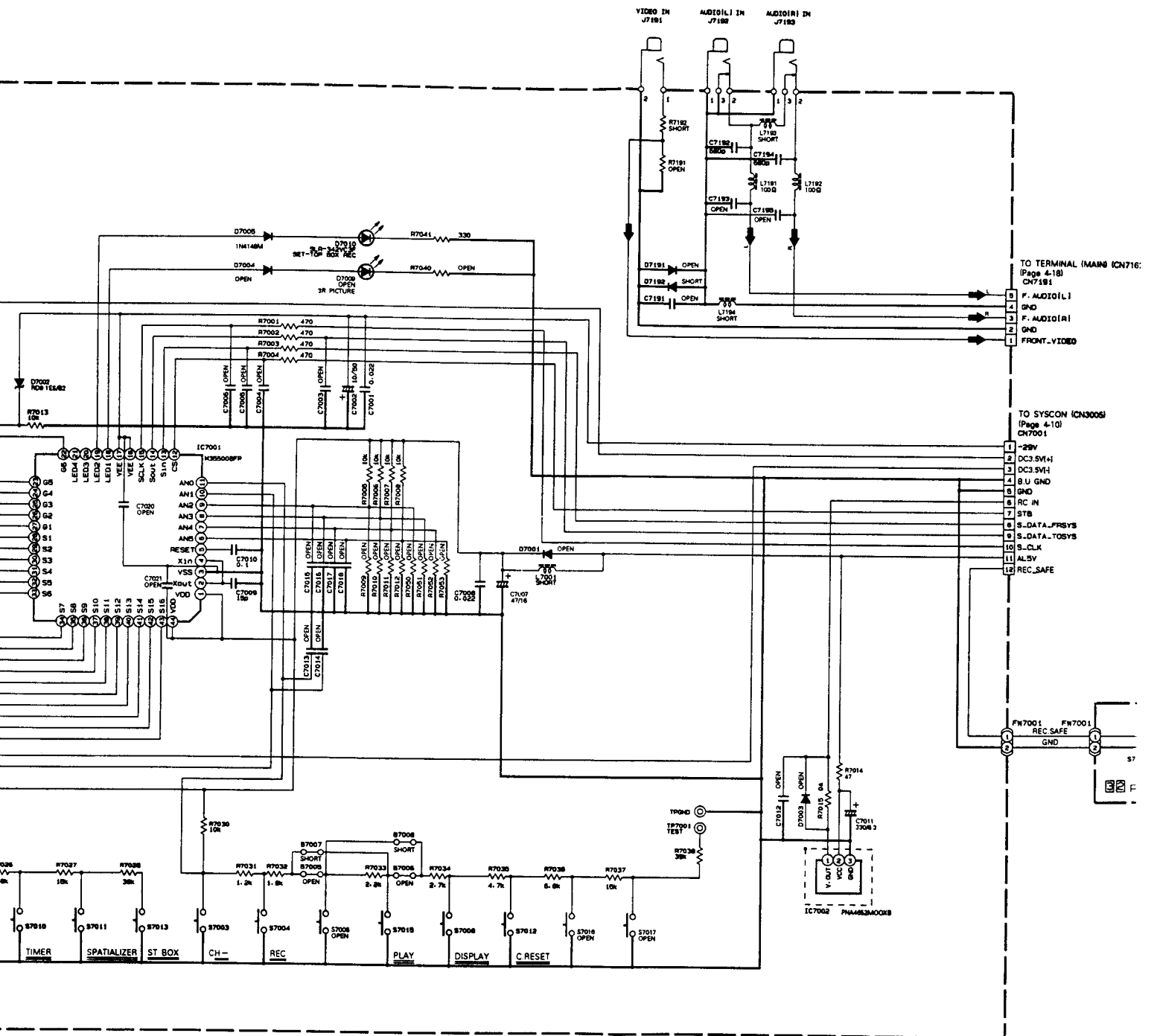
# 4.20 SW/DISPLAY, REC SAFETY, JACK AND JOG SCHEMATIC DIAGRAMS

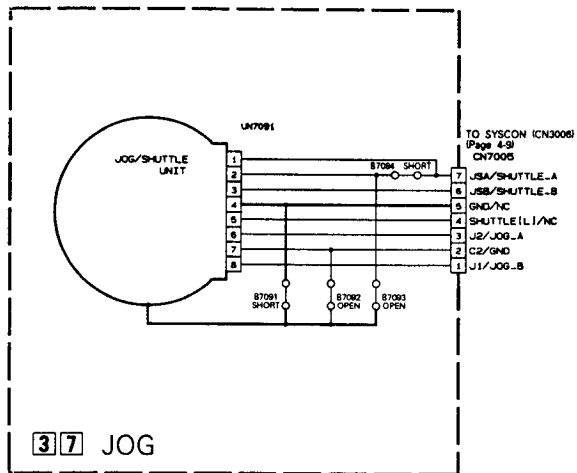
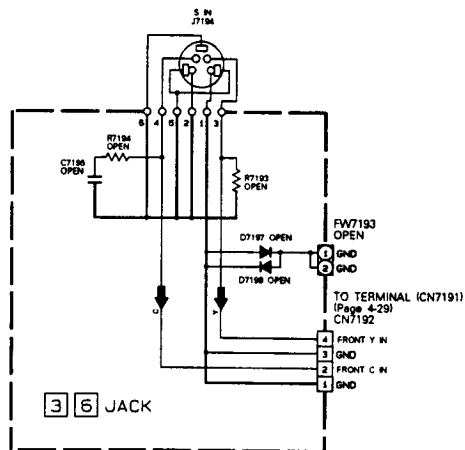
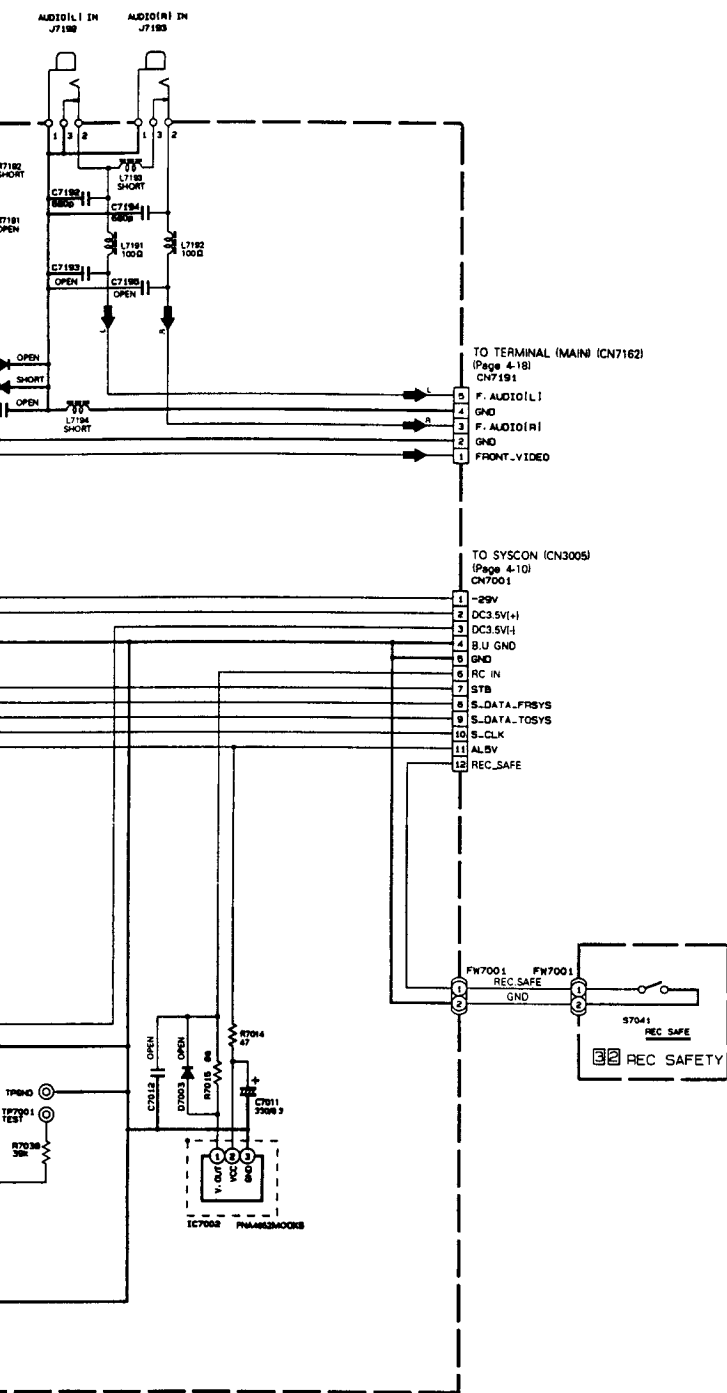
## 2 8 SW/DISPLAY



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 Oxon OX9 4QY  
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# JACK AND JOG SCHEMATIC DIAGRAMS





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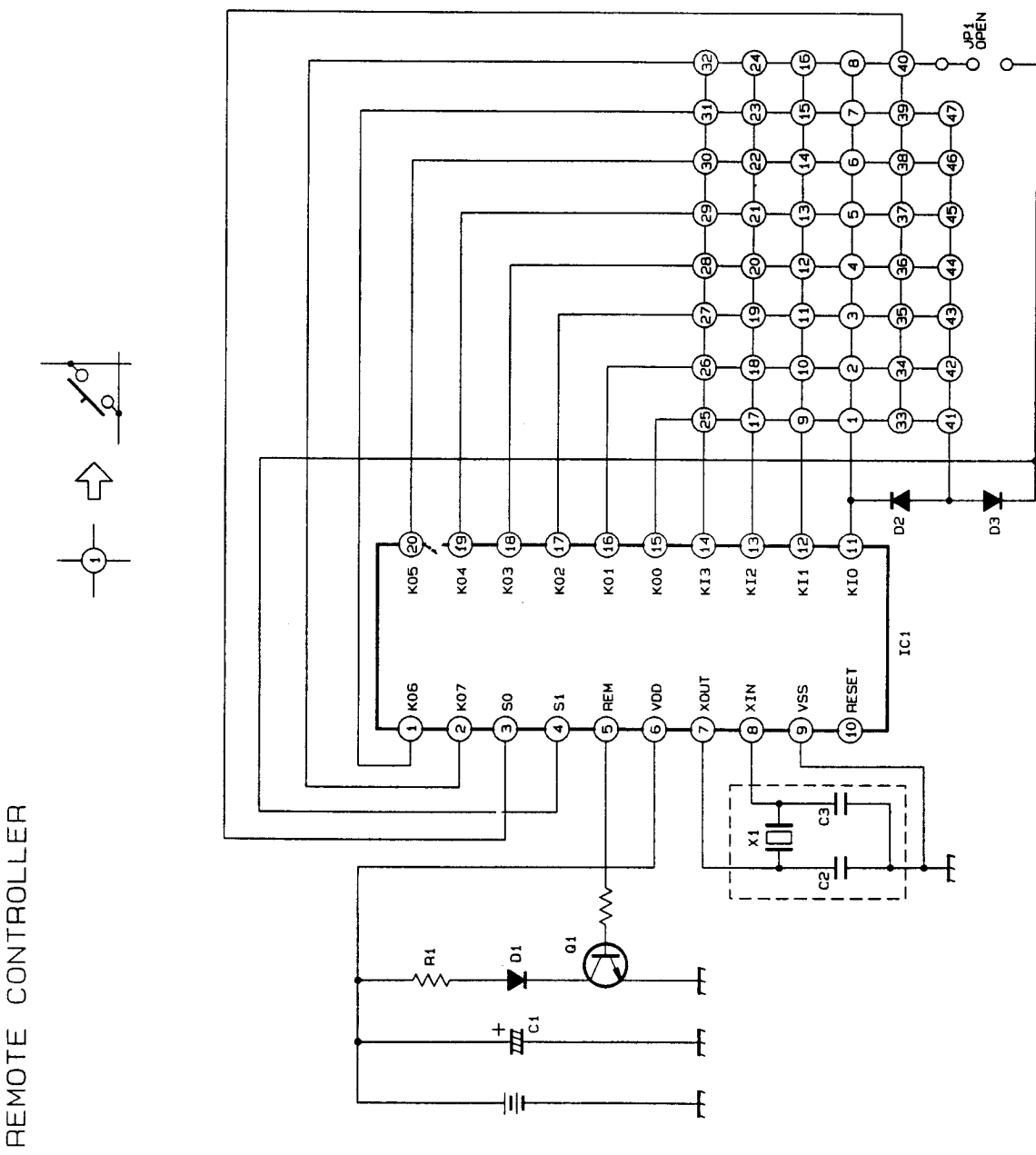


# 4.22 REMOTE CONTROL SCHEMATIC DIAGRAM

**NOTES:**

- 1. All parts shown in this schematic are critical for safety.
- 2. This schematic is only for reference.
- Avoid replacing individual parts.
- Replace the entire unit only.

Key No.	Key Name
1	8
2	TIMER
3	9
4	4
5	2
6	5
7	6
8	7
9	DATE-
10	PROG(CH)-
11	DATE+
12	CANCEL
13	0
14	STOP+
15	PROG(CH)+
16	START+
17	-/--MAIN/SUB
18	>>/TV-VOL+
19	OPERATE
20	/TV-PROG-
21	AUDIO/MUTE
22	TV/VCR
23	/TV-PROG+
24	<</TV-VOL-
25	TV
27	DISPLAY
28	1
29	C. MEMORY
30	ENTER/OSD
31	3
32	RE-VIEW
33	REC
34	SKIP
35	PROG-CHECK
36	START-
37	STOP-
38	PROG
39	PAUSE
40	PLAY
41	STOP
43	OK
45	MENU
46	REW
47	FF
33+39	REC.-PAUSE
33+40	REC.-START



REMOTE CONTROLLER

5

4

3

2

1

A

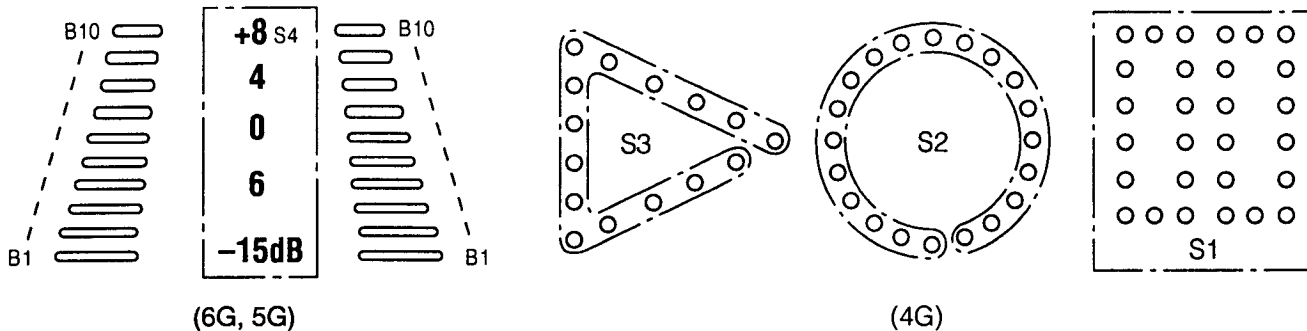
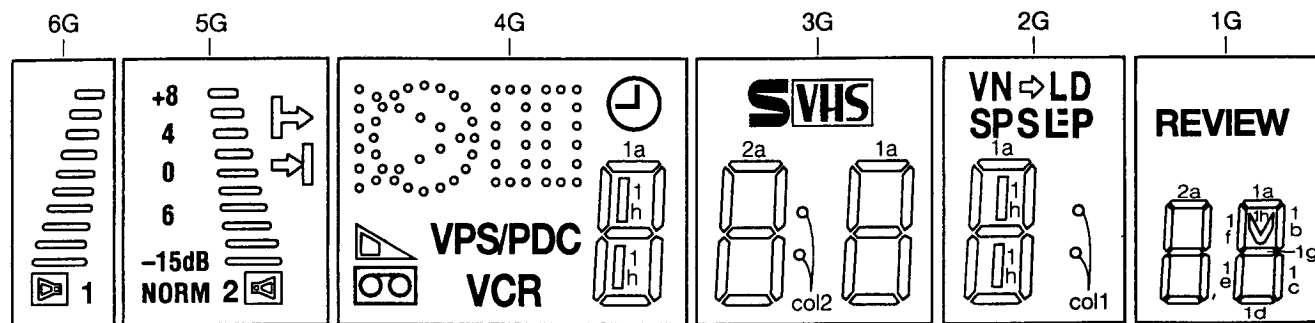
B

C

D 4-45



GRID ASSIGNMENT



ANODE CONNECTION

For Service Manuals Contact  
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	6G	5G	4G	3G	2G	1G
P 1	—	↗	S2	1a	1a	1a
P 2	—	↘	S1	1b	1b	1b
P 3	—	S4	S3	1f	1f	1f
P 4	—	NORM	VPS/PDC	1g	1g	1g
P 5	1	2	⌚	1c	1c	1c
P 6	⏏	⏏	⏏	1e	1e	1e
P 7	B10	B10	⏏	1d	1d	1d
P 8	B9	B9	VCR	col2	1h	1h
P 9	B8	B8	1a	2a	col1	2a
P10	B7	B7	1b	2b	↔	2b
P11	B6	B6	1f	2f	VN	2f
P12	B5	B5	1g	2g	LD	2g
P13	B4	B4	1c	2c	SP	2c
P14	B3	B3	1e	2e	S <sub>(SEP)</sub>	2e
P15	B2	B2	1d	2d	= <sub>(SEP)</sub>	2d
P16	B1	B1	1h	SVHS	LP <sub>(SEP)</sub>	REVIEW

4.24 VOLTAGE CHARTS

<VIDEO/AUDIO>

MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY
IC1	-	-	62	4.6	4.6	16	0	2.1
1	2.5	2.5	63	4.6	4.6	17	4.6	4.6
2	2.4	2.4	64	0	0	18	4.6	4.6
3	0	0	65	1.7	1.7	19	5.1	5.1
4	2.2	2.2	66	5.0	5.0	20	5.2	5.2
5	0	0	67	4.9	4.9	21	0	2.4
6	0.3	0.5	68	0	0	22	0	0
7	2.4	2.4	69	2.7	2.7	23	1.7	1.8
8	2.4	2.4	70	2.8	2.8	24	0	0
9	2.4	2.4	71	2.1	2.1	25	0	0
10	2.4	2.4	72	2.2	2.2	26	2.8	2.8
11	2.4	2.4	73	1.6	1.6	27	2.2	2.2
12	5.0	5.0	74	2.7	1.0	28	0	0
13	1.8	1.6	75	2.1	2.1	29	0	0
14	1.8	1.5	76	2.5	2.5	30	0	0
15	2.6	1.9	77	4.7	4.6	CN2001	1	0
16	1.5	0.7	78	2.7	2.7	2	0	0
17	2.0	2.0	79	4.3	2.1	3	0	0
18	2.2	2.2	80	0	0	4	0	0
19	3.0	3.0	81	-	-	5	1.7	2.5
20	2.7	2.7	82	1.2	1.2	6	1.9	2.5
21	2.3	2.3	83	2.5	2.5	7	1.9	2.5
22	2.3	2.3	84	0	0	8	1.1	1.2
23	3.0	3.0	85	0	0	9	0	0
24	2.0	2.0	86	2.4	2.4	10	0	0
25	1.4	1.4	87	2.1	2.1	11	0	0
26	2.0	2.0	88	2.1	2.1	12	0	0
27	0	0	89	2.4	2.4	13	1.8	1.0
28	5.0	5.0	90	5.0	5.0	14	1.9	1.8
29	1.1	1.1	91	0	0	15	0.2	0
30	3.2	3.2	92	0	0	16	4.4	0.8
31	2.7	2.7	93	0	0	17	0	0
32	0	0	94	0	0	18	0	0
33	0	0	95	2.8	2.8	19	4.2	4.2
34	0	0	96	5.0	5.0	20	0	0
35	3.0	3.0	97	0	0	21	0	0
36	5.0	5.0	98	5.0	5.0	22	5.1	5.0
37	0	0	99	0.6	0.6	23	0	0
38	5.0	5.0	100	2.5	2.5	24	0	0
39	3.1	3.1	IC2	2.5	2.5	25	0	0
40	5.0	5.0	1	2.8	2.8	26	0	0
41	5.0	5.0	2	3.9	3.9	27	0	0
42	1.9	1.9	3	2.8	2.7	28	0	0
43	5.0	5.0	4	4.9	0	29	0	0
44	2.5	2.5	5	2.8	2.8	30	0	0
45	0	0	6	5.0	5.0	31	1.4	1.0
46	2.0	2.0	7	1.9	2.0	32	0	0
47	0	0	8	0	0	33	0	0
48	0	0	E	4.2	4.2	34	0	0
49	0	0	C	0	0	35	0	0
50	0.4	0.4	B	0.4	0.2	36	0	0
51	1.3	1.3	Q2052	11.4	11.5	37	0	0
52	1.3	1.3	E	11.2	3.5	38	0	0
53	3.0	3.0	C	10.7	11.4	39	0	0
54	1.9	1.9	E	2.7	2.7	40	0	0
55	2.0	2.0	C	0	0	41	0	0
56	2.2	2.8	B	2.0	2.0	42	0	0
57	0	0	E	-	-	43	0	0
58	3.0	3.0	B	4.9	0	44	0	0
59	3.4	3.4	C	-	-	45	0	0
60	2.1	2.1	E	11.2	3.5	46	0	0
61	4.9	4.9	C	11.0	0.2	47	0	0
			B	10.4	3.5	48	0	0

MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY
C	-	-	Q2055	-	-	15	0	2.1
B	-	-	E	-	-	16	0	0
Q15	-	-	C	-	-	17	4.6	4.6
E	-	-	B	-	-	18	4.6	4.6
C	-	-	CN1	-	-	19	5.1	5.1
B	-	-	1	0	0	20	5.2	5.2
Q16	-	-	2	0	0	21	0	2.4
E	-	-	3	0	0	22	0	0
C	-	-	4	0	0	23	1.7	1.8
B	-	-	5	2.4	2.2	24	0	0
Q18	-	-	6	2.4	2.2	25	0	0
C	-	-	7	2.1	2.2	26	2.8	2.8
E	-	-	8	2.1	2.2	27	2.2	2.2
B	-	-	9	4.2	0	28	0	0
Q38	-	-	10	4.1	0	29	0	0
E	-	-	11	4.1	0	30	0	0
C	-	-	CN101	-	-	CN2001	1	0
B	-	-	1	-	-	2	0	0
Q47	-	-	2	-	-	3	0	0
E	-	-	3	-	-	4	0	0
C	-	-	4	-	-	5	0	0
B	-	-	5	-	-	6	1.7	2.5
Q48	-	-	6	-	-	7	1.9	2.5
E	-	-	7	-	-	8	1.1	1.2
C	-	-	8	-	-	9	0	0
B	-	-	9	-	-	10	0	0
Q102	-	-	10	-	-	11	0	0
E	-	-	11	0	0	12	0	0
C	-	-	12	0	0	13	5.2	5.1
B	-	-	13	5.2	5.1	14	5.2	5.1
Q152	-	-	14	5.2	5.1	15	5.2	5.1
E	-	-	15	5.2	5.1	16	0	0
C	-	-	16	0	0	17	0.4	0.4
B	-	-	17	0.4	0.4	18	0	0
Q2001	-	-	18	0	0	19	4.2	4.2
E	-	-	19	4.2	4.2	20	0	0
C	-	-	20	0	0	21	0.5	0.4
B	-	-	21	0.5	0.4	22	2.0	2.0
Q2002	-	-	22	2.0	2.0	23	0	0
E	-	-	23	0	0	24	0	0
C	-	-	24	0	0	25	0	0
B	-	-	25	0	0	26	0	0
Q2003	-	-	26	0	0	27	0	0
E	-	-	27	0	0	28	0	0
C	-	-	28	0	0	29	0	0
B	-	-	29	0	0	30	0	0
Q2051	-	-	30	0	0	CN102	-	-
E	-	-	C	8.0	0.3	1	1.4	1.0
C	-	-	B	0.4	0.2	2	0	0
B	-	-	E	11.4	11.5	3	0	0
Q2052	-	-	C	11.2	3.5	4	0	0
E	-	-	E	10.7	11.4	5	0	0
C	-	-	B	10.7	11.4	6	0	0
B	-	-	E	0	0	7	1.5	1.0
Q2053	-	-	C	0	0	8	2.3	2.0
E	-	-	B	0.7	1.7	9	0.7	1.7
C	-	-	E	0	0	10	4.2	4.1
B	-	-	C	0	0	11	2.3	2.3
Q2054	-	-	B	4.9	0	12	3.2	0.1
E	-	-	E	11.2	3.5	13	0	0
C	-	-	C	11.0	0.2	14	0	0
B	-	-	B	10.4	3.5			

MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY
Q2055	-	-	24	2.0	2.0
E	-	-	25	2.5	2.3
C	-	-	26	2.5	2.4
B	-	-	27	2.5	2.5
CN1	-	-	28	0	0
1	0	0	29	1.4	1.4
2	0	0	30	2.6	2.5
3	0	0	31	5.0	5.0
4	0	0	32	0	0
5	2.4	2.2	33	2.5	2.5
6	2.4	2.2	34	0	0
7	2.1	2.2	35	0	0
8	2.1	2.2	36	1.9	2.0
9	4.2	0	37	2.5	2.5
10	4.1	0	38	2.5	2.5
11	4.1	0	39	9.5	9.5
CN101	-	-	40	0	0
1	-	-	41	4.4	4.4
2	-	-	42	0	0
3	-	-	43	0	0
4	-	-	44	0	0
5	-	-	45	4.3	4.3
6	-	-	46	4.4	4.4
7	-	-	47	0	0
8	-	-	48	1.1	1.2
9	-	-	49	1.1	1.2
10	-	-	50	4.9	4.9
11	0	0	51	0	0
12	0	0	52	5.1	5.1
13	5.2	5.1	53	0	0
14	5.2	5.1	54	0	0
15	5.2	5.1	55	0	0
16	0	0	56	-	-
17	0.4	0.4	57	1.1	1.0
18	0	0	58	4.7	4.7
19	4.2	4.2	59	4.7	4.7
20	0	0	60	5.1	5.1
21	0.5	0.4	61	4.5	4.6
22	2.0	2.0	62	0	0
23	0	0	63	5.1	5.1
24	0	0	64	0	0
25	0	0	65	0	0
26	0	0	66	0	0
27	0	0	67	0	0
28	0	0	68	5.0	5.0
29	0	0	69	5.0	5.0
30	0	0	70	5.0	5.0
31	1.4	1.0	71	2.5	2.4
32	0	0	72	5.0	5.1
33	0	0	73	4.6	4.5
34	0	0	74	2.1	4.3
35	0	0	75	1.5	1.5
36	0	0	76	2.4	2.5
37	0	0	77	0	0
38	0	0	78	0	0
39	0	0	79	0	0
40	0	0	80	4.3	4.3
41	0	0	CN3001	-	-
42	0	0	1	0	0
43	0	0	2	4.6	4.6
44	0	0	CN3002	-	-
45	0	0	1	0	0
46	0	0	2	5.0	5.0
47	0	0	C	12.2	12.3
48	0	0	B	0	0
49	0	0	E	0	0
50	0	0	C	0	0
51	0	0	B	0.7	0.7
52	0	0	CN3005	-	-
53	0	0	1	0	0
54	0	0	2	4.8	4.8
55	0	0	CN3003	-	-
56	0	0	1	1.9	1.3
57	0	0	2	1.9	1.3
58	0	0	CN3004	-	-
59	0	0	1	5.0	5.0
60	0	0	2	5.0	5.0
61	0	0	3	0	0
62	0	0	4	5.0	5.0
63	0	0	5	0	0
64	0	0	6	5.0	5.0
65	0	0	7	0	0
66	0	0	8	5.0	5.0
67	0	0	9	0	0
68	0	0	10	0	0
69	0	0	11	0	0
70</					

<SERVO> MODE PIN NO. REC PLAY

<TUNER> MODE PIN NO. REC PLAY

<2D SVHS WIDE QZD /VO> MODE PIN NO. REC PLAY

<DEMOD> MODE PIN NO. REC PLAY

<TERMINAL> MODE PIN NO. REC PLAY

<SPATIALIZER> MODE PIN NO. REC PLAY

<TERMINAL ON SCREEN> MODE PIN NO. REC PLAY

<SW/DISPLAY> MODE PIN NO. REC PLAY

<JOG> MODE PIN NO. REC PLAY

<SERVO> MODE PIN NO. REC PLAY

<TERMINAL MAINS> MODE PIN NO. REC PLAY

<2D SVHS WIDE QZD /VO> MODE PIN NO. REC PLAY

<DEMOD> MODE PIN NO. REC PLAY

<TERMINAL> MODE PIN NO. REC PLAY

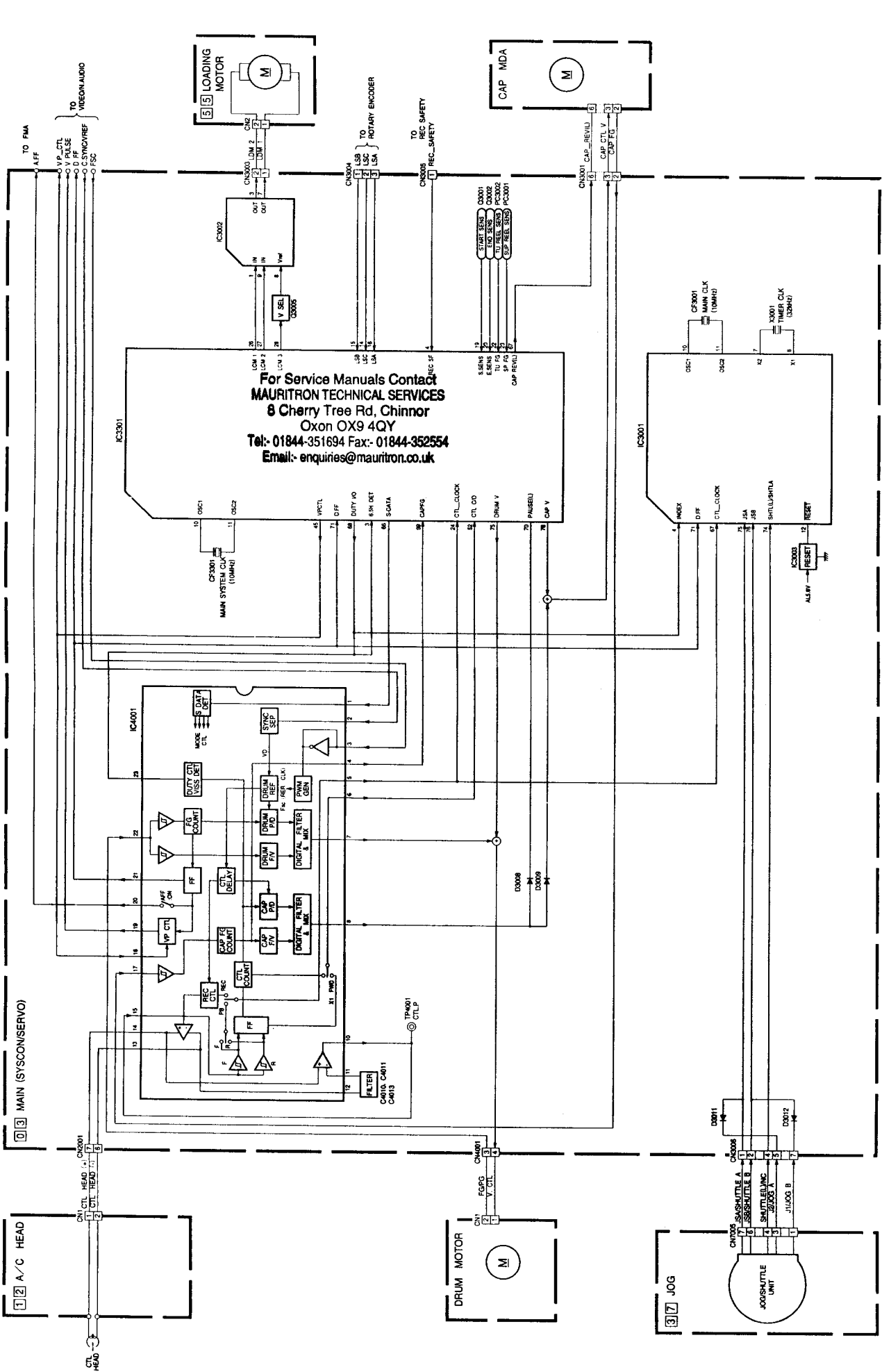
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<TERMINAL ON SCREEN> MODE PIN NO. REC PLAY

<SW/DISPLAY> MODE PIN NO. REC PLAY

<JOG> MODE PIN NO. REC PLAY

4.25 SYSTEM CONTROL/SERVO BLOCK DIAGRAM



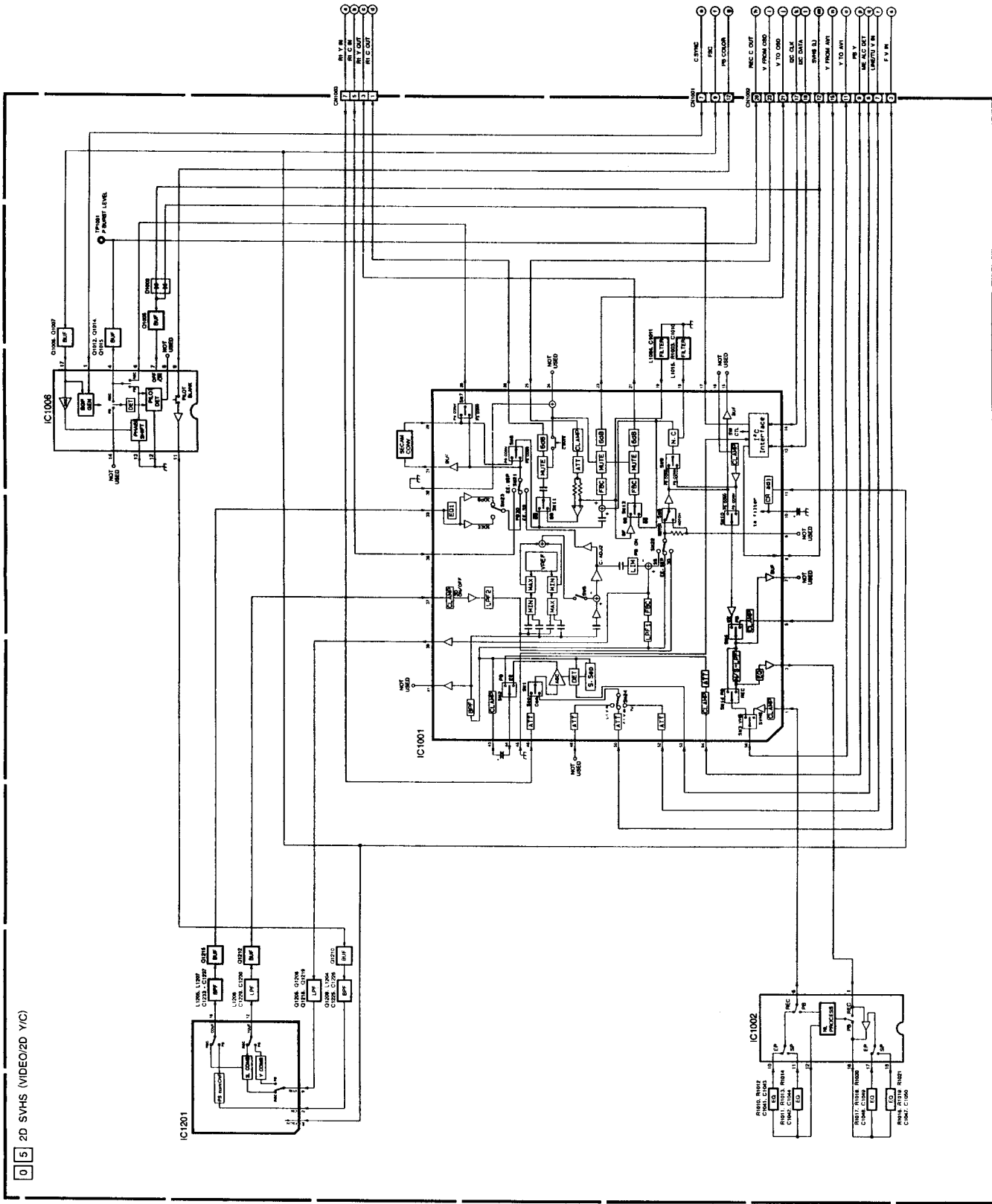
A B C D E F G H

4-52

4-51

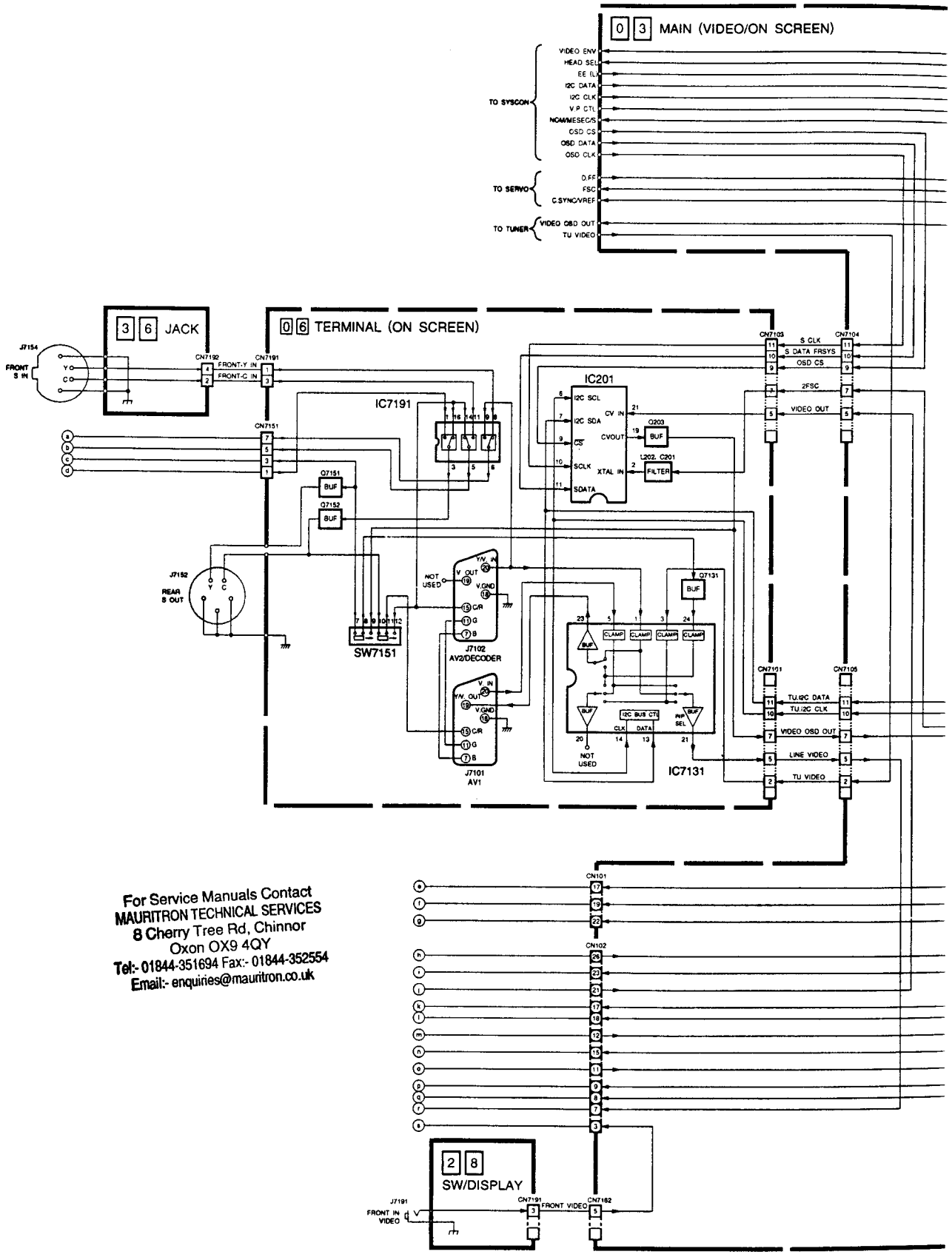
0 5 2D SVHS (VIDEO/2D Y/C)

For Service Manuals Contact  
MAURITRON TECHNICAL SERVICES  
8 Cherry Tree Rd, Chinnor  
Oxon OX9 4QY  
Tel:- 01844-351694 Fax:- 01844-352554  
Email:- enquiries@mauritron.co.uk



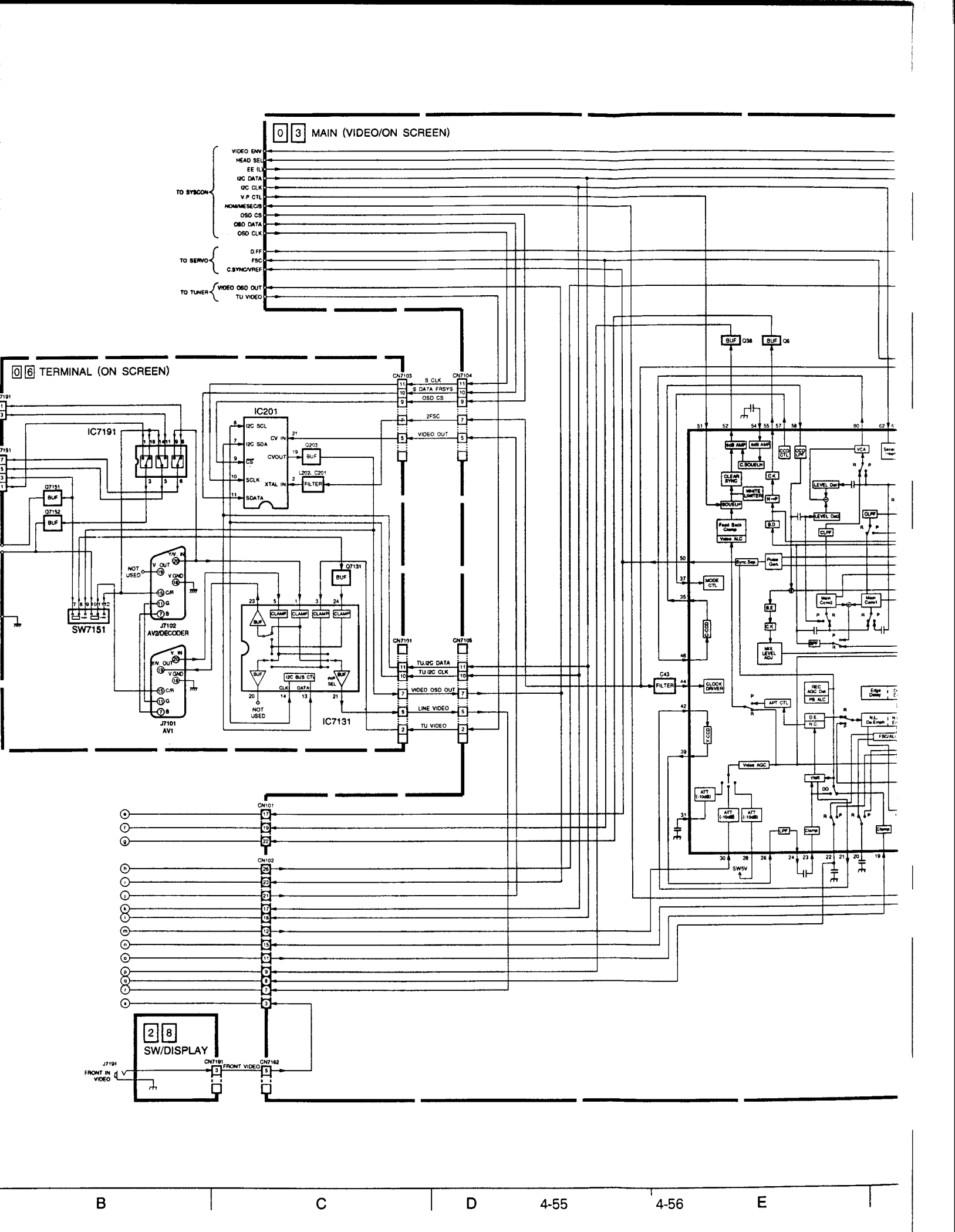
A B C D E F G H  
4-54 4-53

5  
4  
3  
2  
1



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 8 Cherry Tree Rd, Chinnor  
 Oxon OX9 4QY  
 Tel:- 01844-351694 Fax:- 01844-352554  
 Email:- enquiries@mauritron.co.uk

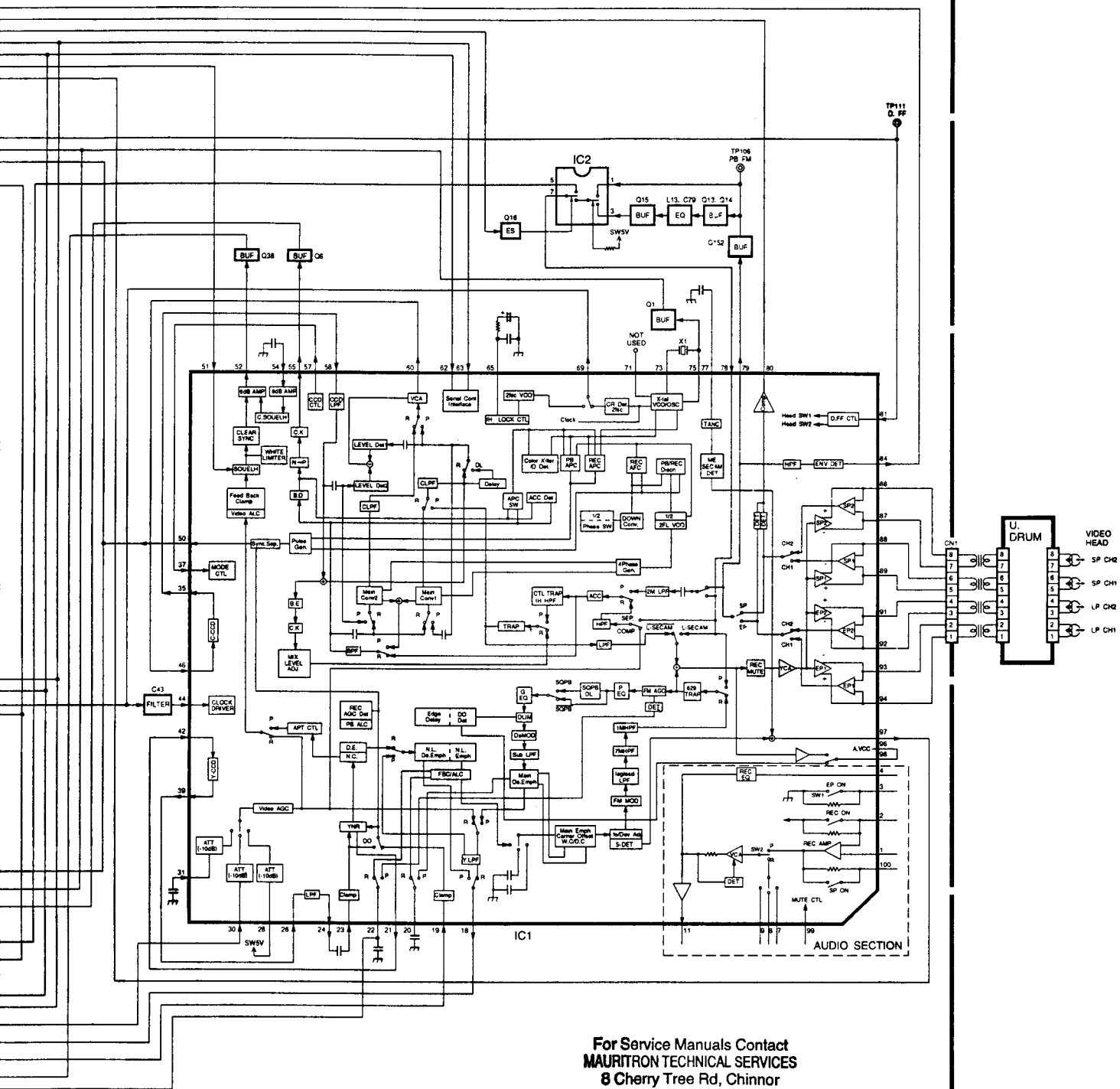
A B C D L



0 3 MAIN (VIDEO/ON SCREEN)

0 6 TERMINAL (ON SCREEN)

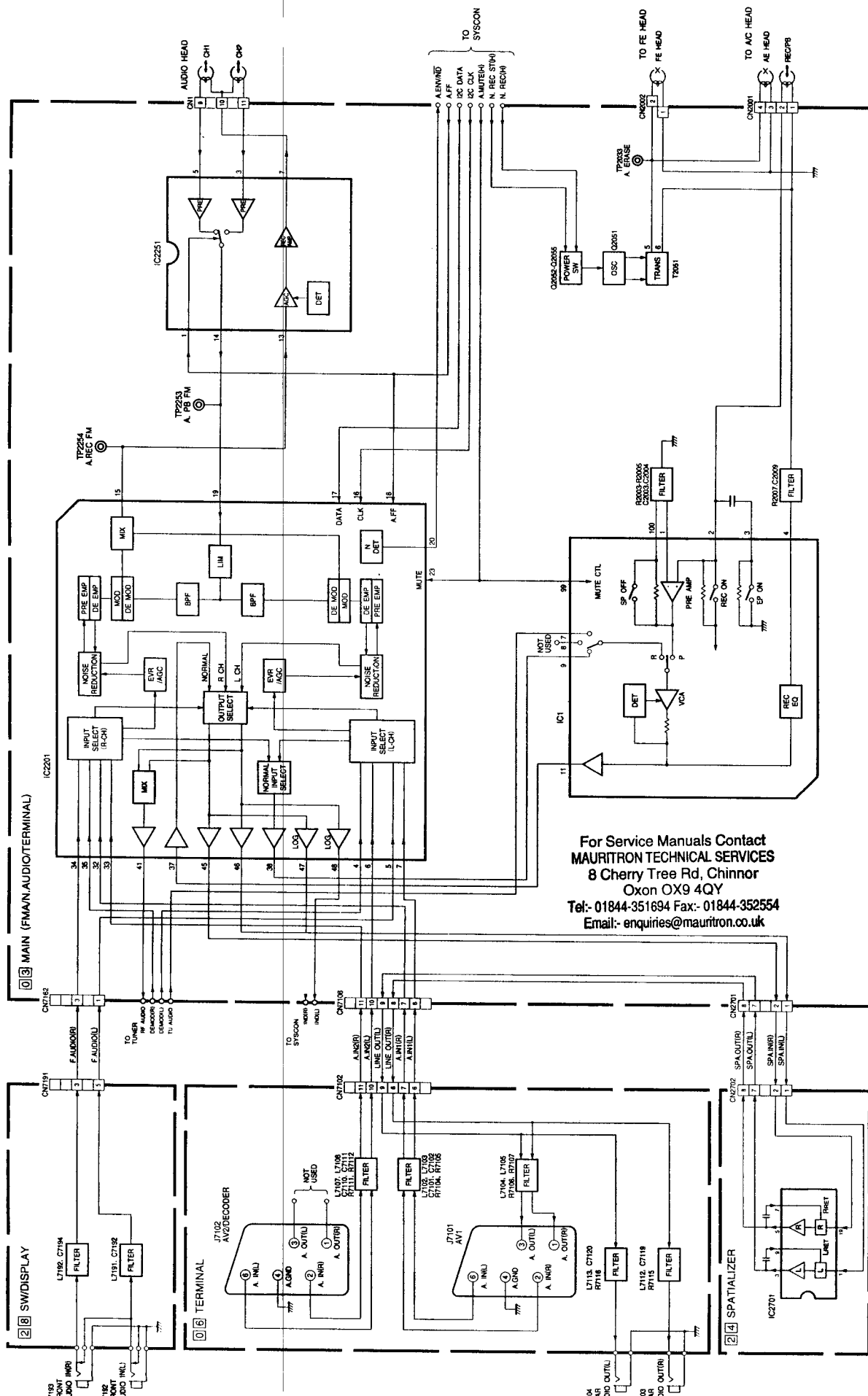
2 8 SW/DISPLAY



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 Email:- enquiries@mauritron.co.uk



4.27 AUDIO BLOCK DIAGRAM



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 Oxon OX9 4QY  
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 Email: enquiries@maurtron.co.uk

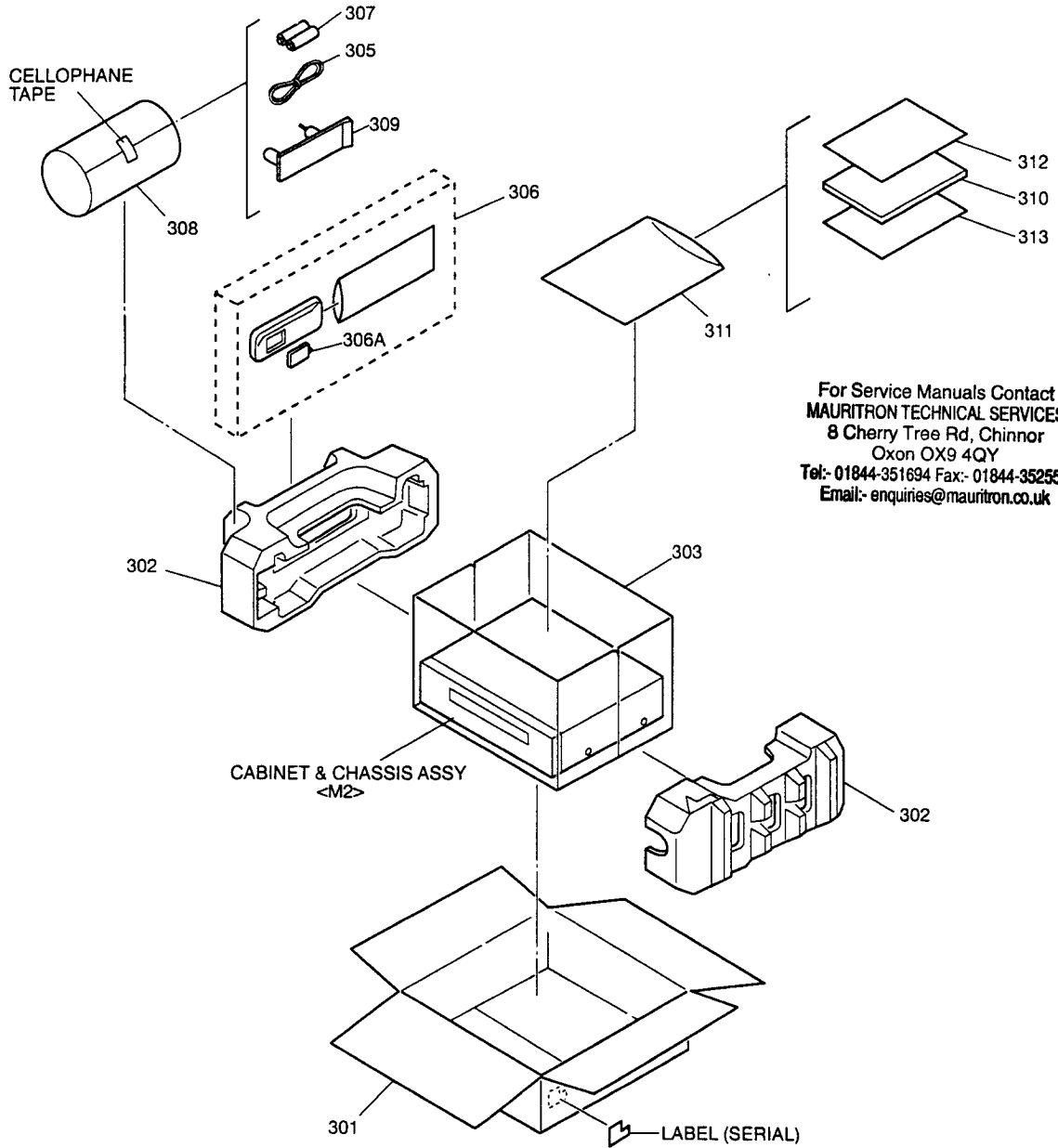
# SECTION 5 PARTS LIST

## SAFETY PRECAUTION

Parts identified by the  $\Delta$  symbol are critical for safety. Replace only with specified part numbers.

### 5.1 PACKING AND ACCESSORY ASSEMBLY <M1>

The instruction manual to be provided with this product will differ according to the destination.



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 8 Cherry Tree Rd, Chinnor  
 Oxon OX9 4QY  
 Tel:- 01844-351694 Fax:- 01844-352554  
 Email:- enquiries@mauritron.co.uk

#  $\Delta$  REF No. PART No. PART NAME, DESCRIPTION  
 \*\*\*\*\*

#### PACKING AND ACCESSORY ASSEMBLY <M1>

# $\Delta$ REF No.	PART No.	PART NAME, DESCRIPTION
301	LP30423-045A	PACKING CASE
302	LP30424-001D	CUSHION ASSY
303	PQM30021-93	POLY BAG
305	PEAC0300-02	RF CABLE
306	LP20337-004B	REMOTE CONTROLLER

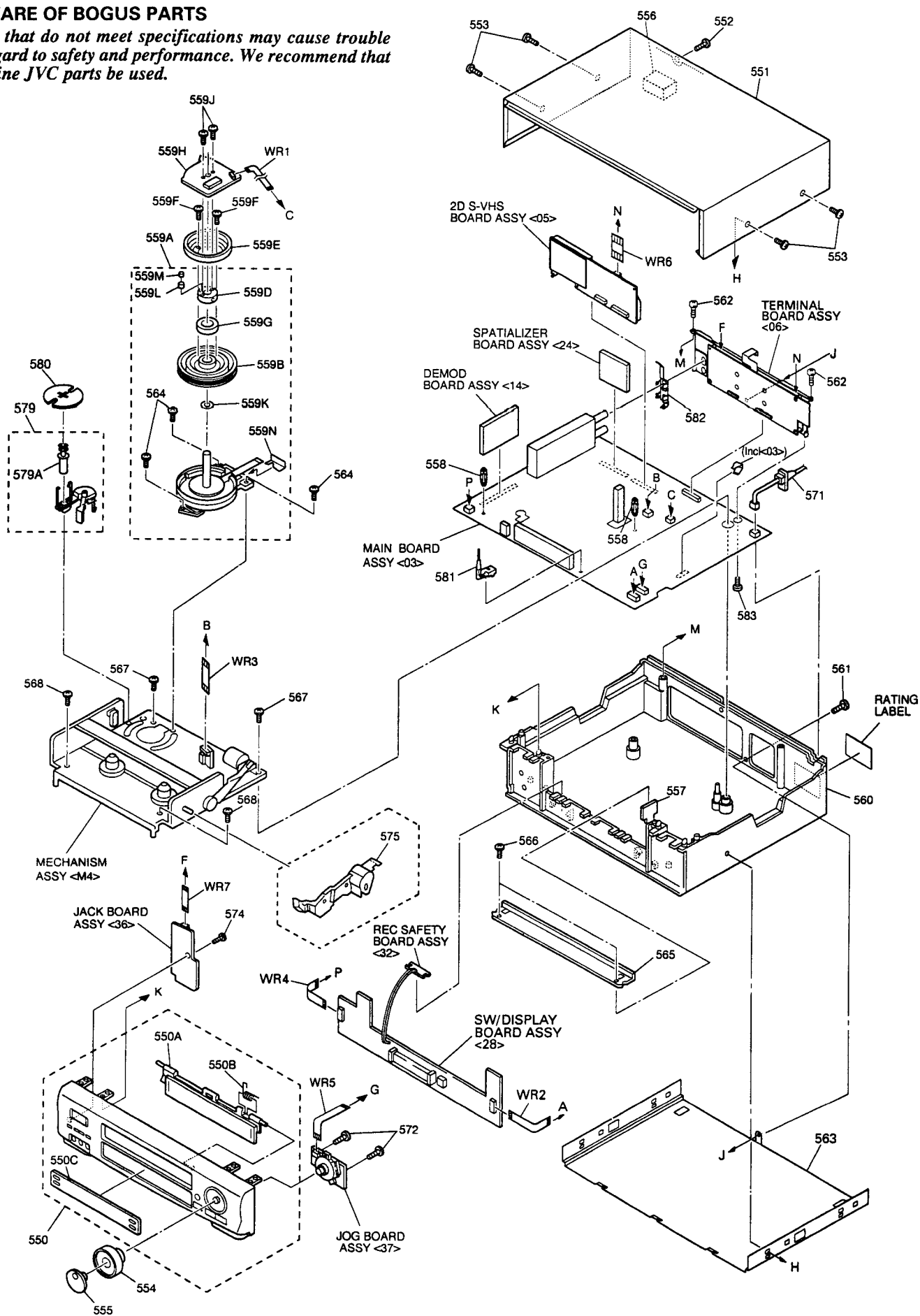
#  $\Delta$  REF No. PART No. PART NAME, DESCRIPTION

306A	LP40254-002B	COVER(BATTERY)
307	-	BATTERY(R6P TYPE)
308	QPC02202215P	POLY BAG
309	LP30383-003A	CONNECTOR COVER(for front panel connector)
$\Delta$ 310	LPT0053-001B	INST.BOOK(EN)
311	QPC02503515P	POLY BAG
312	BT-54008-1	GUARANTEE CARD
313	BT-20066A	E.DISTR.LIST

## 5.2 CABINET AND CHASSIS ASSEMBLY <M2>

### BEWARE OF BOGUS PARTS

Parts that do not meet specifications may cause trouble in regard to safety and performance. We recommend that genuine JVC parts be used.



# Δ REF No. PART No. PART NAME, DESCRIPTION  
 \*\*\*\*\*

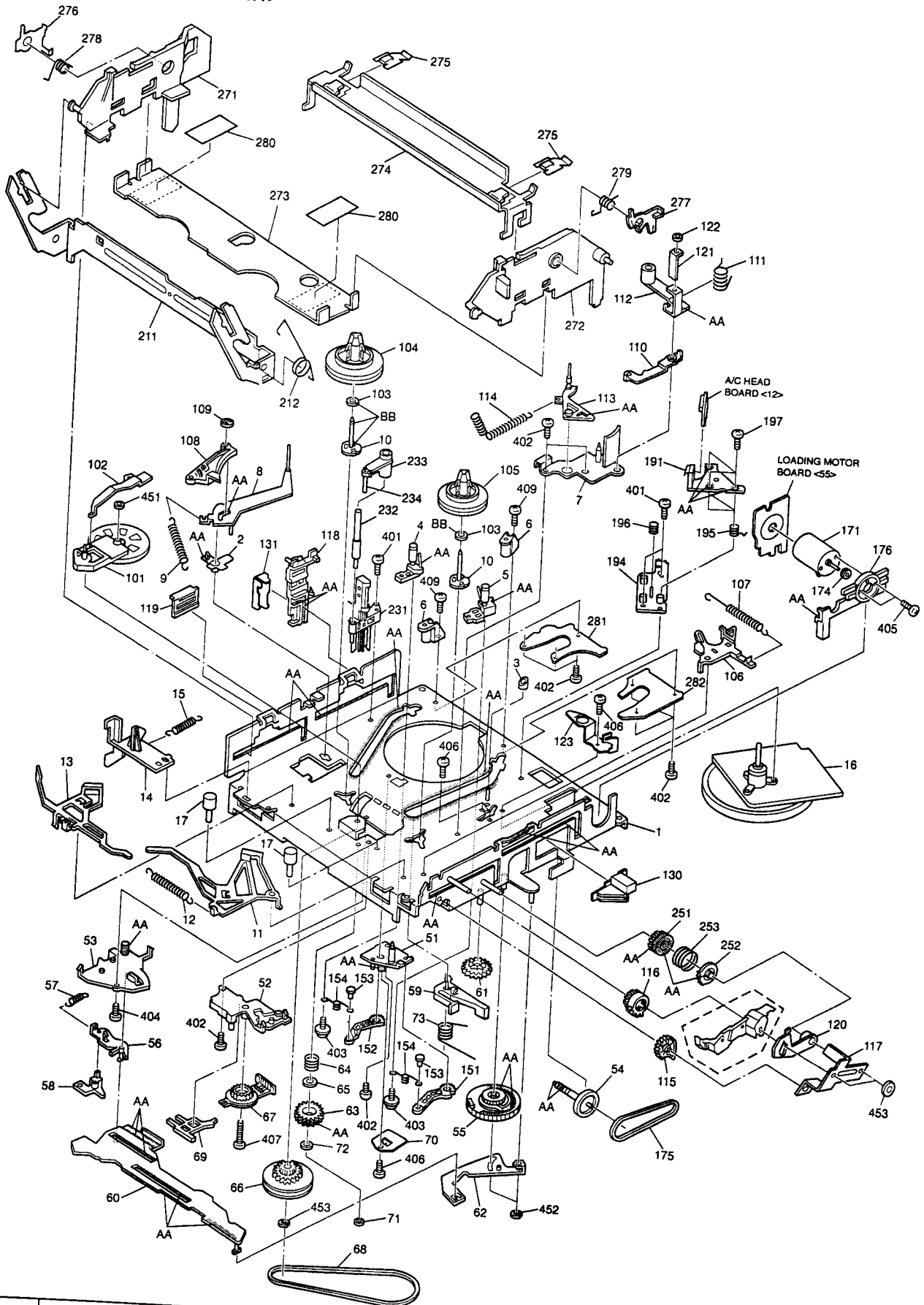
**CABINET AND CHASSIS ASSEMBLY <M2>**

Δ 550	LP10125-018D	FRONT PANEL ASSY
550A	LP20342-007B	CASSETTE DOOR
550B	PQ46448	TORSION SPRING
550C	LP20343-019A	DISPLAY WINDOW
Δ 551	PQ11676-53	TOP COVER
552	QYTDSF3010M	SCREW, TOP COVER (REAR)
553	QYTDSF3010R	SCREW, X4 TOP COVER (SIDE)
554	LP30120-005A	KNOB SHUTTLE
555	LP30121-005A	KNOB (JOG)
556	LP30002-051A	SPACER, TOP COVER
557	LP40441-001A	SPACER (MECHA)
558	LP40226-001A	PC SUPPORT, X2
559A	LP20289-004A	DRUM SUB ASSY
559B	LP20030-008A	UPPER DRUM ASSY
559D	LP40028-001A	COLLAR ASSY
559E	PDZ0179	ROTOR ASSY
559F	QYSPSP3006Z	SCREW, X2
559G	PDM4439	CAP
559H	PDZ0181-1-2	STATOR ASSY
559J	QYSPSP2606Z	SCREW, X2
559K	PDM4444-19-2	WASHER
559L	LP40323-001A	CONTACT
559M	LP30004-005A	COMPRESS. SPRING
559N	LP40174-001B	FPC PLATE
Δ 560	LP10116-003C	BOTTOM CHASSIS
561	QYTDSF3010M	SCREW, TERMINAL
562	QYTDSF3010Z	SCREW, X2 TERMINAL
Δ 563	PQ11668-2-9	BOTTOM COVER
564	QYTPST2608Z	SCREW, X3 DRUM
565	LP30312-001B	BRACKET (CHASSIS)
566	QYTDSF3010Z	SCREW, X2 BRACKET (CHASSIS)
567	QYTDSF4012Z	SCREW, X2 MECHA
568	QYTDSF3010Z	SCREW, X2 MECHA
Δ 571	QMP51K0-170	POWER CORD
572	QYTDSF2608Z	SCREW, X2 JOG BOARD
574	QYTDSF3010Z	SCREW, S JACK BOARD
575	LP20324-002B	DOOR OPENER
579	LP40370-001B	ROLLER ARM ASSY
579A	PDM4311A-1	ROLLER ASS'Y
580	PQ45160	INERTIA PLATE
581	LP40407-001A	KNOB ASSY
582	PQ21623-1-3	EARTH PLATE (RF)
583	QYTDSF3008Z	SCREW, X2 TERMINAL
WR1	QUQ212-0419CG	FFC WIRE, DRUM
WR2	QUQ112-1214CG	FFC WIRE, DISPLAY
WR3	WJT0005-002A	E-CARD WIRE, A/C HEAD
WR4	QUQ212-0514CG	FFC WIRE, DISPLAY
WR5	QUQ112-0718CG	FFC WIRE, JOG
WR6	QUQ112-0706CG	FFC WIRE, TERMINAL
WR7	QUQ212-0446CG	FFC WIRE, S JACK

# Δ REF No. PART No. PART NAME, DESCRIPTION

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**MAURITRON TECHNICAL SERVICES**  
 8 Cherry Tree Rd, Chinnor  
 Oxon OX9 4QY  
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 Email:- enquiries@mauritron.co.uk

### 5.3 MECHANISM ASSEMBLY <M4>



Classification	Part No.	Symbol in drawing
Grease	KYODO-SH-P	AA
Oil	COSMO-HV56	BB

**NOTE:** The section marked in AA and BB indicate lubrication and greasing areas.

# ▲ REF No. PART No. PART NAME, DESCRIPTION  
 \*\*\*\*\*

**MECHANISM ASSEMBLY <M4>**

1	LP20228-003D	MAIN DECK ASSY
2	LP30232-002A	T.ARM BEARING
3	LP40097-001B	G.POLE CAP
4	LP40101-002A	P.BASE ASSY(S)
5	LP40104-002A	P.BASE ASSY(T)
6	LP30409-002A	UV CATCHER 2,X2
7	LP20234-001C	LID GUIDE
8	LP40108-001A	TENSION ARM ASSY
9	LP30003-010A	TENSION SPRING
10	LP40123-001A	REEL SHAFT,X2
11	LP40111-002B	MAIN BRAKE AY (TAKE-UP)
12	LP30003-002A	TENSION SPRING
13	LP40110-002D	MAIN BRAKE ASSY (SUPPLY)
14	LP30245-001C	REC SAFTY LEVER
15	LP30003-004A	TENSION SPRING
16	QAR0032-003	CAPSTAN MOTOR
17	PQ46302-1-3	ADJUST PIN,X2
51	LP30223-003B	L.A.GEAR SHAFT
52	LP20233-003B	R.ENCODER GUIDE
53	LP30226-003B	CTL.PLATE GUIDE
54	LP40120-001A	WORM GEAR
55	LP30229-001B	CTL.CAM
56	LP30249-003B	T.UP LEVER
57	LP30003-006A	TENSION SPRING
58	LP40119-002A	T.UP HEAD
59	LP40113-001A	C.BRAKE ASSY
60	LP10080-002E	CTL.PLATE
61	LP30237-002A	CASSETTE GEAR
62	LP40107-002A	LINK LEVER ASSY
63	LP40122-001A	DIRECT GEAR
64	LP40224-001C	COMPRESSION SPRING
65	LP30017-002A	SPACER,D.GEAR
66	LP40115-002C	CLUTCH UNIT
67	QSW0554-002	ROTARY ENCODER
68	LP30005-005A	BELT,CAP.MOTOR
69	LP30235-002A	CHANGE LEVER
70	LP40379-001A	CTL BRACKET(1)
71	LP30016-001A	SLIT WASHER
72	LP30017-009A	SPACER,D.GEAR
73	LP40355-002A	TORSION SPRING
101	LP40114-002D	IDLER ARM ASSY
102	LP30236-002A	IDLER LEVER
103	LP30017-004A	SPACER,REEL DISK
104	LP20237-001B	REEL DISK (SUPPLY)
105	LP20238-001B	REEL DISK (TAKE-UP)
106	LP40112-001D	S.BRAKE(T)ASSY
107	LP40357-001B	TENSION SPRING
108	LP40109-002C	T.BRAKE ASSY
109	PQ46302-1-3	ADJUST PIN
110	LP40149-001B	P.LEVER ASSY
111	LP40148-001A	TORSION SPRING
112	LP40105-001A	P.R.ARM ASSY
113	LP40106-001B	GUIDE ARM ASSY
114	LP40134-001B	TENSION SPRING
115	LP30243-001B	DRIVE GEAR
116	LP30242-001A	RELAY GEAR
117	LP40214-001A	C.H.BRACKET
118	LP30244-001D	GUIDE RAIL

# ▲ REF No. PART No. PART NAME, DESCRIPTION		
119	LP40118-001A	RAIL CAP
120	LP30339-001A	OPENER GUIDE
121	LP40382-001A	P.R. SHEET
122	LP30016-002A	SLIT WASHER
123	LP30482-001A	P.ROLLER GUIDE
130	LP30493-001A	START SENSOR CAP
131	LP40457-001A	END SENSOR SHEET 2
151	LP40103-002A	L.ARM GEAR(T)
152	LP30224-001A	L.ARM GEAR(S)
153	LP40100-001A	PIN,L.ARM GEAR(S)
	LP40100-001A	PIN,L.ARM GEAR(T)
154	LP40099-001A	TORSION ARM,L.ARM GEAR(S)
	LP40099-001A	TORSION ARM,L.ARM.GEAR(T)
171	QAR0023-001	LOADING MOTOR
174	PQ43546-1-2	MOTOR PULLEY
175	LP30005-003A	BELT,LOADING MOTOR
176	LP30230-001B	MOTOR GUIDE
191	QAH0010-002	AC HEAD
194	LP30228-001A	HEAD BASE
195	LP30004-012A	COMPRES.SPRING X3
196	LP40236-001A	COMPRESSION SPRING
197	LP40213-002B	SPECIAL SCREW,X3
211	LP20240-001B	DRIVE ARM
212	LP40137-001A	TORSION SPRING
231	NAH0001-001	FULL ERASE HEAD
232	LP40098-001B	GUIDE POLE(S)
233	LP30459-001A	T.STUD BASE
234	LP40367-001A	TENSION STUD
251	LP30239-002E	LIMIT GEAR(1)
252	LP30240-002C	LIMIT GEAR(2)
253	LP40136-001D	TORSION SPRING
271	LP10081-001C	SIDE HOLDER(L)
272	LP40403-001B	S.HOLDER(R)ASSY
273	LP30257-001C	CASSETTE HOLDER
274	LP20241-001C	TOP PLATE
275	LP30258-001B	SPRING PLATE,X2
276	LP30255-001F	LOCK LEVER(L)
277	LP30256-001D	LOCK LEVER(R)
278	LP40168-001A	TOR.SPRING(L)
279	LP40218-001B	TOR.SPRING(R)
280	LP30019-006C	PAD,X2
281	LP40275-001A	PLATE(S)
282	LP40276-001A	PLATE(T)
401	QYTDST2608Z	SCREW,FE.HEAD
	QYTDST2608Z	SCREW,X2 HEAD BASE
402	QYTDST2606Z	SCREW,X6 PLATE(S)(T)
	QYTDST2606Z	SCREW,L.A.GEAR
	QYTDST2606Z	SCREW,R.ENCODER GUIDE
	QYTDST2606Z	SCREW,X2 LID GUIDE
403	QYSPSTG2606Z	SCREW,POLE BASE(S)
	QYSPSTG2606Z	SCREW,P.BASE(T)
404	QYTPST2605Z	SCREW,CTL.PLATE GUIDE
405	QYTPSP3003Z	SCREW,X2 LOADING MOTOR
406	QYTDSP2608M	SCREW,CTL BRACKET(1)
	QYTDSP2608M	SCREW,X3 CAP.MOTOR
407	QYTPST2620Z	SCREW,R.ENCODER
409	QYTPST2606Z	SCREW,X2 UV CATCHER
451	LP30016-001A	SLIT WASHER,IDLER ARM
452	PQM30017-24	SLIT WASHER,CTL.CAM
	PQM30017-24	SLIT WASHER,LINK LEVER
453	PQM30017-47	SLIT WASHER,CLUTCH GEAR
	PQM30017-47	SLIT WASHER,X2 C.H.BRACKET

5.4 ELECTRICAL PARTS LIST

REF No.	PART No.	PART NAME, DESCRIPTION
*****		
<b>MAIN BOARD ASSEMBLY &lt;03&gt;</b>		
PW1	LPA10014-52A	MAIN BOARD ASSY
IC1	JCP8016-MSB	IC
IC2	MM1113XF	IC
IC2201	AN3665FB-A	IC
IC2251	AN3328S	IC
IC3001	HD6433929TB25F	QFP IC (MCU)
IC3002	TA7291S	IC
IC3003	S-80728AN-DR-X	IC
IC3004	M24C08-BN6	IC
	or AT24C08-10PC	IC
	or X24C08P	IC
	or 24LC08B/P	IC
IC3301	HD6433926TB43F	QFP IC (MCU)
IC4001	BU2885CS	IC
IC6080	BA15218F-XE	IC
Q1	2SA1576A/QR/-X	TRANSISTOR
Q6	2SB1218A/QR/-X	TRANSISTOR
	or 2PA1576/R/-X	TRANSISTOR
	or 2SA1576A/QR/-X	TRANSISTOR
Q13	2SC4081/QRS/-X	TRANSISTOR
Q14	2SC4081/QRS/-X	TRANSISTOR
Q15	2SA1576A/QR/-X	TRANSISTOR
Q16	UN511E	TRANSISTOR
	or DTA144WU	TRANSISTOR
	or RN2309	TRANSISTOR
Q18	UN521E	TRANSISTOR
	or DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
Q38	2SD1819A/QRS/-X	TRANSISTOR
	or 2SC4081/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
Q47	2SK433/D/-W	JUNCTION FET
Q48	2SK433/D/-W	JUNCTION FET
Q102	UN5211	TRANSISTOR
	or RN1302	TRANSISTOR
	or DTC114EU	TRANSISTOR
Q152	2SB1218A/QR/-X	TRANSISTOR
	or 2SA1576A/QRS/-X	TRANSISTOR
	or 2PA1576/R/-X	TRANSISTOR
Q2001	2SC4081/QRS/-X	TRANSISTOR
	or 2SD1819A/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
Q2002	2SC4081/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
	or 2SD1819A/QRS/-X	TRANSISTOR
Q2003	DTA144WU	TRANSISTOR
	or RN2309	TRANSISTOR
	or UN511E	TRANSISTOR
Q2051	2SC4081/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
	or 2SD1819A/QRS/-X	TRANSISTOR
Q2052	2SA1576A/QR/-X	TRANSISTOR
	or 2SB1218A/QR/-X	TRANSISTOR
	or 2PA1576/R/-X	TRANSISTOR
Q2053	DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
	or UN521E	TRANSISTOR

# REF No.	PART No.	PART NAME, DESCRIPTION
Q2054	2SA1576A/QR/-X	TRANSISTOR
	or 2PA1576/R/-X	TRANSISTOR
	or 2SB1218A/QR/-X	TRANSISTOR
Q2055	DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
	or UN521E	TRANSISTOR
Q2251	DTA144WU	TRANSISTOR
	or RN2309	TRANSISTOR
	or UN511E	TRANSISTOR
Q2253	DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
	or UN521E	TRANSISTOR
Q2711	2SC4081/QRS/-X	TRANSISTOR
	or 2SD1819A/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
Q2712	2SC4081/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
	or 2SD1819A/QRS/-X	TRANSISTOR
Q2713	DTA114EU	TRANSISTOR
	or RN2302	TRANSISTOR
	or UN5111	TRANSISTOR
Q2714	DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
	or UN521E	TRANSISTOR
Q3001	PTZ-NV16	PHOTO TRANSISTOR
	or PTZ-NV09	PHOTO TRANSISTOR
Q3002	PTZ-NV16	PHOTO TRANSISTOR
	or PTZ-NV09	PHOTO TRANSISTOR
Q3003	2SD1819A/QRS/-X	TRANSISTOR
	or 2SC4081/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
Q3005	2SD1819A/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
	or 2SC4081/QRS/-X	TRANSISTOR
Q5101	2SK2632-CB14	POWER MOS FET
	or 2SK2129-LT	POWER MOS FET
	or 2SK2666F04	FE TRANSISTOR
Q5102	2SD2144S/UV/-T	TRANSISTOR
Q5301	2SB1256	TRANSISTOR
Q5302	UN5215	TRANSISTOR
	or DTC114TU	TRANSISTOR
Q5304	UN5211	TRANSISTOR
	or RN1302	TRANSISTOR
	or DTC114EU	TRANSISTOR
Q5305	2SC1740S/RS/-T	TRANSISTOR
	or 2SC3199/YG/-T	TRANSISTOR
Q5306	2SD2144S/UVW/-T	TRANSISTOR
Q5315	2SD2061/F/	TRANSISTOR
Q5316	2SD1819A/RS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
	or 2SC4081/RS/-X	TRANSISTOR
Q5317	2SD2061/F/	TRANSISTOR
Q5318	2SD1819A/RS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
	or 2SC4081/RS/-X	TRANSISTOR
Q5320	UN5111	TRANSISTOR
	or RN2302	TRANSISTOR
	or DTA114EU	TRANSISTOR
Q5322	2SD1450/ST/-T	TRANSISTOR
	or 2SD1302/ST/-T	TRANSISTOR
Q5323	2SD2375/QP/	TRANSISTOR

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	REF No.	PART No.	PART NAME, DESCRIPTION	
	Q5451	2SB927/ST-T	TRANSISTOR		or PG104RS	FR DIODE	
	Q5452	DTC144EU	TRANSISTOR		or 10ELS2	FR DIODE	
	Q6001	2SC3068	TRANSISTOR		or ERA18-02-T2	FR DIODE	
	Q6030	2SB1218A/RS/-X	TRANSISTOR		or 1SR153-400-T2	FR DIODE	
		or 2PA1576/R/-X	TRANSISTOR	D5211	AU01Z	FR DIODE	
		or 2SA1576A/RS/-X	TRANSISTOR		or ERA18-02-T2	FR DIODE	
	Q6031	DTC114EU	TRANSISTOR		or PG104RS	FR DIODE	
		or RN1302	TRANSISTOR		or 10ELS2	FR DIODE	
		or UN5211	TRANSISTOR		or 1SR153-400-T2	FR DIODE	
	D2001	1N4148M	DIODE	D5301	UZ15BSA	ZENER DIODE	
		or 1SS133	DIODE		or RD15ES/B1/-T2	ZENER DIODE	
	D2201	11ES2	DIODE		or MTZJ15A	ZENER DIODE	
	D2253	DAP202U	DIODE	D5302	11ES2	DIODE	
	D3001	LNB2301L01VI	LE DIODE		or ERA15-02-T2	DIODE	
	D3002	11ES2	DIODE	D5303	UZ12BSC	ZENER DIODE	
	D3003	11ES2	DIODE		or MTZJ12C	ZENER DIODE	
	D3005	RD39ES/B3/-T2	ZENER DIODE		or RD12ES/B3/-T2	ZENER DIODE	
		or MTZJ39C	ZENER DIODE	D5304	1N4148M	DIODE	
		or UZ39BSC	ZENER DIODE		or 1SS133	DIODE	
	D3007	1SS133	DIODE	D5305	UZ30BSA	ZENER DIODE	
		or 1N4148M	DIODE		or RD30ES/B1/-T2	ZENER DIODE	
	D3008	1SS133	DIODE		or MTZJ30A	ZENER DIODE	
		or 1N4148M	DIODE	D5307	UZ6.2BSC	ZENER DIODE	
	D3009	1SS133	DIODE		or MTZJ6.2C	ZENER DIODE	
		or 1N4148M	DIODE		or RD6.2ES/B3/-T2	ZENER DIODE	
	D3011	1SS133	DIODE	D5311	RD5.1JS/B2/-T2	ZENER DIODE	
		or 1N4148M	DIODE		or MA4051N/M/-T2	ZENER DIODE	
	D3012	1SS133	DIODE	D5312	1N4148M	DIODE	
		or 1N4148M	DIODE		or 1SS133	DIODE	
	D3014	1SS133	DIODE	D5313	RD5.1JS/B2/-T2	ZENER DIODE	
		or 1N4148M	DIODE	D5314	1SS133	DIODE	
	D5001	S1WB(A)60F4102	BRIDGE DIODE	D5351	11E2-T5	DIODE	
		or S1WB(A)60F4072X	BRIDGE DIODE	D5352	11E2-T5	DIODE	
		or S1WB(A)60F4062X	BRIDGE DIODE	D5353	11E2-T5	DIODE	
	D5101	AU01	FR DIODE	D5354	11E2-T5	DIODE	
		or ERA18-04-T2	FR DIODE	D6001	MTZJ10B	ZENER DIODE	
		or PG104RS	FR DIODE	D6002	HZ30-2L-T2	ZENER DIODE	
		or 1SR153-400-T2	FR DIODE		or HZ30-2LTD	Z DIODE (M)	
		or 10ELS4	FR DIODE	R1	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
	D5102	AU01	FR DIODE	R2	NRSA02J-561X	MG RESISTOR	560Ω,1/10W
		or ERA18-04-T2	FR DIODE	R3	NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
		or PG104RS	FR DIODE	R4	NRSA02J-822X	MG RESISTOR	8.2kΩ,1/10W
		or 1SR153-400-T2	FR DIODE	R5	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
		or 10ELS4	FR DIODE	R6	NRSA02J-681X	MG RESISTOR	680Ω,1/10W
	D5103	1N4148M	DIODE	R7	NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
		or 1SS133	DIODE	R9	NRSA02J-333X	MG RESISTOR	33kΩ,1/10W
	D5201	ERA18-02-T2	FR DIODE	R10	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
		or 1SR153-400-T2	FR DIODE	R11	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
	D5202	FML-12S	FR DIODE	R13	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or FCF06A20	FR DIODE	R14	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or MA644	FR DIODE	R15	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or YG901C2	FR DIODE	R16	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
	D5206	FMB-24	BARRIER DIODE	R17	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or F5KQ40B	BARRIER DIODE	R18	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or MA7D49	SB DIODE	R19	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or YG801C04	SB DIODE	R24	NRVA02D-622X	CMF RESISTOR	6.2kΩ,1/10W
	D5209	10ELS2	FR DIODE	R25	NRVA02D-152X	CMF RESISTOR	1.5kΩ,1/10W
		or ERA18-02-T2	FR DIODE	R48	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
		or 1SR153-400-T2	FR DIODE	R49	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
		or PG104RS	FR DIODE	R52	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
	D5210	AU01Z	FR DIODE	R54	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W



#	REF No.	PART No.	PART NAME, DESCRIP.	No.	PART No.	PART NAME, DESCRIPTION
R55		NRSA02J-122X	MG RESISTOR 1.2kΩ,1/10W	R2215	NRSA02J-682X	MG RESISTOR 6.8kΩ,1/10W
R56		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2216	NRSA02J-183X	MG RESISTOR 18kΩ,1/10W
R57		NRSA02J-102X	MG RESISTOR 1kΩ,1/10W	R2217	NRSA02J-682X	MG RESISTOR 6.8kΩ,1/10W
R60		NRSA02J-183X	MG RESISTOR 18kΩ,1/10W	R2218	NRSA02J-473X	MG RESISTOR 47kΩ,1/10W
R61		NRSA02J-153X	MG RESISTOR 15kΩ,1/10W	R2219	NRSA02J-473X	MG RESISTOR 47kΩ,1/10W
R62		NRSA02J-102X	MG RESISTOR 1kΩ,1/10W	R2220	NRSA02J-393X	MG RESISTOR 39kΩ,1/10W
R63		NDC21HJ-120X	CAPACITOR 12pF,50V	R2221	NRSA02J-473X	MG RESISTOR 47kΩ,1/10W
R64		NDC21HJ-220X	CAPACITOR 22pF,50V	R2222	NRSA02J-333X	MG RESISTOR 33kΩ,1/10W
R68		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2223	NRSA02J-182X	MG RESISTOR 1.8kΩ,1/10W
R69		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2224	NRSA02J-471X	MG RESISTOR 470Ω,1/10W
R71		NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W	R2225	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R72		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2226	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R73		NRSA02J-222X	MG RESISTOR 2.2kΩ,1/10W	R2228	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R94		NRSA02J-222X	MG RESISTOR 2.2kΩ,1/10W	R2229	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R120		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2251	NRSA02J-101X	MG RESISTOR 100Ω,1/10W
R121		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2253	NRSA02J-270X	MG RESISTOR 27Ω,1/10W
R122		NRSA02J-101X	MG RESISTOR 100Ω,1/10W	R2254	NRSA02J-220X	MG RESISTOR 22Ω,1/10W
R123		NRSA02J-102X	MG RESISTOR 1kΩ,1/10W	R2256	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R133		NRSA02J-222X	MG RESISTOR 2.2kΩ,1/10W	R2257	NRSA02J-101X	MG RESISTOR 100Ω,1/10W
R137		NRSA02J-102X	MG RESISTOR 1kΩ,1/10W	R2258	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R138		NRSA02J-392X	MG RESISTOR 3.9kΩ,1/10W	R2259	NRSA02J-222X	MG RESISTOR 2.2kΩ,1/10W
R143		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R2711	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R168		NRSA02J-102X	MG RESISTOR 1kΩ,1/10W	R2712	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R169		NRSA02J-102X	MG RESISTOR 1kΩ,1/10W	R2713	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R192		QRE141J-475	RESISTOR 4.7MΩ,1/4W	R2714	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R193		QRE141J-475	RESISTOR 4.7MΩ,1/4W	R2715	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R194		QRE141J-475	RESISTOR 4.7MΩ,1/4W	R2716	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2001		NRSA02J-103X	MG RESISTOR 10kΩ,1/10W	R3001	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2002		NRSA02J-103X	MG RESISTOR 10kΩ,1/10W	R3002	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2003		NRSA02J-682X	MG RESISTOR 6.8kΩ,1/10W	R3003	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2004		NRSA02J-224X	MG RESISTOR 220kΩ,1/10W	R3004	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2005		NRSA02J-121X	MG RESISTOR 120Ω,1/10W	R3010	NRSA02J-105X	MG RESISTOR 1MΩ,1/10W
R2006		NRSA02J-273X	MG RESISTOR 27kΩ,1/10W	R3014	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2007		NRSA02J-223X	MG RESISTOR 22kΩ,1/10W	R3015	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2009		NRSA02J-101X	MG RESISTOR 100Ω,1/10W	R3016	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2013		NRSA02J-101X	MG RESISTOR 100Ω,1/10W	R3017	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2016		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R3018	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2018		NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W	R3019	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2019		NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W	R3020	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2053		NRSA02J-822X	MG RESISTOR 8.2kΩ,1/10W	R3021	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2054		NRSA02J-123X	MG RESISTOR 12kΩ,1/10W	R3022	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2055		NRSA02J-3R3X	MG RESISTOR 3.3Ω,1/10W	R3023	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2056		QRE141J-820Y	RESISTOR 82Ω,1/4W	R3024	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2057		NRSA02J-473X	MG RESISTOR 47kΩ,1/10W	R3025	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R2058		NRSA02J-183X	MG RESISTOR 18kΩ,1/10W	R3031	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2059		NRSA02J-473X	MG RESISTOR 47kΩ,1/10W	R3032	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2060		NRSA02J-183X	MG RESISTOR 18kΩ,1/10W	R3033	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2201		NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W	R3034	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2202		NRSA02J-333X	MG RESISTOR 33kΩ,1/10W	R3035	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2203		NRSA02J-473X	MG RESISTOR 47kΩ,1/10W	R3036	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2204		NRSA02J-393X	MG RESISTOR 39kΩ,1/10W	R3037	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2205		NRSA02J-473X	MG RESISTOR 47kΩ,1/10W	R3038	NRSA02J-103X	MG RESISTOR 10kΩ,1/10W
R2206		NRSA02J-473X	MG RESISTOR 47kΩ,1/10W	R3039	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2207		NRSA02J-682X	MG RESISTOR 6.8kΩ,1/10W	R3040	NRSA02J-152X	MG RESISTOR 1.5kΩ,1/10W
R2208		NRSA02J-183X	MG RESISTOR 18kΩ,1/10W	R3041	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2209		NRSA02J-682X	MG RESISTOR 6.8kΩ,1/10W	R3042	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2210		NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W	R3043	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2211		NRSA02J-511X	MG RESISTOR 510Ω,1/10W	R3044	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2212		NCB21EK-683X	CAPACITOR 0.068μF,25V	R3045	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2213		NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W	R3046	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W
R2214		NRSA02J-511X	MG RESISTOR 510Ω,1/10W	R3047	NRSA02J-102X	MG RESISTOR 1kΩ,1/10W

#	△	REF No.	PART No.	PART NAME, DESCRIPTION	
R3048			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3049			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3050			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3051			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3052			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3053			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3054			NRSA02J-272X	MG RESISTOR	2.7kΩ,1/10W
R3055			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3056			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3057			NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R3058			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3059			NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R3060			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3061			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3062			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3064			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3067			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3068			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3069			NRSA02J-271X	MG RESISTOR	270Ω,1/10W
R3070			NRSA02J-271X	MG RESISTOR	270Ω,1/10W
R3071			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3073			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3074			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3075			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3076			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3077			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3078			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3079			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3080			NRSA02J-682X	MG RESISTOR	6.8kΩ,1/10W
R3201			NRSA02J-104X	MG RESISTOR	100kΩ,1/10W
R3203			NRSA02J-562X	MG RESISTOR	5.6kΩ,1/10W
R3204			NRSA02J-222X	MG RESISTOR	2.2kΩ,1/10W
R3205			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3206			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3207			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3209			QRE141J-181Y	RESISTOR	180Ω,1/4W
R3210			NRSA02J-183X	MG RESISTOR	18kΩ,1/10W
R3211			NRSA02J-183X	MG RESISTOR	18kΩ,1/10W
R3212			NRSA02J-181X	MG RESISTOR	180Ω,1/10W
R3213			NRSA02J-273X	MG RESISTOR	27kΩ,1/10W
R3214			NRSA02J-181X	MG RESISTOR	180Ω,1/10W
R3215			NRSA02J-273X	MG RESISTOR	27kΩ,1/10W
R3220			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3223			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3224			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3225			NRSA02J-104X	MG RESISTOR	100kΩ,1/10W
R3226			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3227			NRSA02J-393X	MG RESISTOR	39kΩ,1/10W
R3228			NRSA02J-474X	MG RESISTOR	470kΩ,1/10W
R3229			NRSA02J-334X	MG RESISTOR	330kΩ,1/10W
R3230			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3231			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3232			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3233			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3234			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3235			NRSA02J-221X	MG RESISTOR	220Ω,1/10W
R3236			NRSA02J-221X	MG RESISTOR	220Ω,1/10W
R3237			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3238			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3239			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3240			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W

#	△	REF No.	PART No.	PART NAME, DESCRIPTION	
R3241			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R3242			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R3243			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3244			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3246			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3250			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3252			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3253			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3255			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3256			NRSA02J-391X	MG RESISTOR	390Ω,1/10W
R3257			NRSA02J-391X	MG RESISTOR	390Ω,1/10W
R3258			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3259			NRSA02J-393X	MG RESISTOR	39kΩ,1/10W
R3260			QRE141J-103	RESISTOR	10kΩ,1/4W
R3301			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3302			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3303			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3304			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3310			NRSA02J-105X	MG RESISTOR	1MΩ,1/10W
R3314			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3315			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3316			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3317			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R3318			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3319			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3320			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3321			NRSA02J-222X	MG RESISTOR	2.2kΩ,1/10W
R3322			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3323			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3324			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3325			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3326			NRSA02J-332X	MG RESISTOR	3.3kΩ,1/10W
R3327			NRSA02J-332X	MG RESISTOR	3.3kΩ,1/10W
R3331			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3343			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3344			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3345			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3346			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3347			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3348			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3352			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3357			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3358			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3359			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3360			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3361			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3362			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3365			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3366			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R3367			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3368			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3369			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3370			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R3371			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3373			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3374			NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R3375			NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R3376			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3378			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3380			NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3501			NRSA02J-103X	MG RESISTOR	10kΩ,1/10W

REF No.	PART No.	PART NAME, DESCRIPTION	
R3502	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3503	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3504	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3505	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3506	NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R3507	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3508	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3509	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R3510	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R4001	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R4003	NRSA02J-122X	MG RESISTOR	1.2kΩ,1/10W
R4005	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R4007	NRSA02J-821X	MG RESISTOR	820Ω,1/10W
R4008	NRSA02J-562X	MG RESISTOR	5.6kΩ,1/10W
R4009	NRSA02J-222X	MG RESISTOR	2.2kΩ,1/10W
R4011	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R4012	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R4013	NRSA02J-562X	MG RESISTOR	5.6kΩ,1/10W
R4014	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R4015	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R5101	QRE141J-334Y	RESISTOR	330kΩ,1/4W
R5102	QRE141J-334Y	RESISTOR	330kΩ,1/4W
R5103	QRE141J-683Y	RESISTOR	68kΩ,1/4W
R5104	QRG029J-154G	OMF RESISTOR	150kΩ,2W
R5106	QRT01DJ-R39X	MF RESISTOR	0.39Ω,1W
R5107	QRE121J-331Y	RESISTOR	330Ω,1/2W
R5108	NRSA02J-222X	MG RESISTOR	2.2kΩ,1/10W
R5109	NRSA02J-681X	MG RESISTOR	680Ω,1/10W
R5110	NRSA02J-224X	MG RESISTOR	220kΩ,1/10W
R5111	NRSA02J-821X	MG RESISTOR	820Ω,1/10W
R5301	NRSA02J-3R3X	MG RESISTOR	3.3Ω,1/10W
R5302	NRSA02J-3R3X	MG RESISTOR	3.3Ω,1/10W
R5303	NRSA02J-3R3X	MG RESISTOR	3.3Ω,1/10W
R5304	NRSA02J-3R9X	MG RESISTOR	3.9Ω,1/10W
R5307	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5308	NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R5309	NRSA02J-222X	MG RESISTOR	2.2kΩ,1/10W
R5312	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R5313	NRSA02J-122X	MG RESISTOR	1.2kΩ,1/10W
R5314	QRZ9005-470X	FUSI RESISTOR	47Ω,1/4W
R5315	NRSA02J-122X	MG RESISTOR	1.2kΩ,1/10W
R5316	QRA14CF-2211Y	CMF RESISTOR	2.21kΩ,1/4W
R5317	QRA14CF-3481Y	CMF RESISTOR	3.48kΩ,1/4W
R5319	QRE141J-511Y	RESISTOR	510Ω,1/4W
R5320	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5328	QRE141J-331Y	RESISTOR	330Ω,1/4W
R5330	NRSA02J-561X	MG RESISTOR	560Ω,1/10W
R5331	NRSA02J-561X	MG RESISTOR	560Ω,1/10W
R5332	NRSA02J-561X	MG RESISTOR	560Ω,1/10W
R5340	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5341	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5342	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R5343	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R5344	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5345	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5346	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R5347	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R5348	NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R5349	NRSA02J-473X	MG RESISTOR	47kΩ,1/10W
R5350	NRSA02J-221X	MG RESISTOR	220Ω,1/10W
R5351	NRSA02J-473X	MG RESISTOR	47kΩ,1/10W

# REF No.	PART No.	PART NAME, DESCRIPTION	
R5451	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R5452	QRE123J-331X	RESISTOR	330Ω,1/2W
R6001	NRSA02J-271X	MG RESISTOR	270Ω,1/10W
R6002	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R6020	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R6021	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R6022	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R6023	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R6030	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R6032	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R6051	NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R6052	NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R6053	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R6054	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R6084	NRSA02J-682X	MG RESISTOR	6.8kΩ,1/10W
R6085	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R7168	NRSA02J-750X	MG RESISTOR	75Ω,1/10W
VR2251	QVPA606-102Z	V RESISTOR,FMA REC FM	
C1	QEKC1CM-106	E CAPACITOR	10μF,16V
C3	NCF21CZ-105X	CAPACITOR	1μF,16V
C5	NCF21CZ-105X	CAPACITOR	1μF,16V
C6	NCB11EK-104X	CAPACITOR	0.1μF,25V
C7	QEKC0JM-107	E CAPACITOR	100μF,6.3V
C9	NCF21CZ-105X	CAPACITOR	1μF,16V
C11	NCF21CZ-105X	CAPACITOR	1μF,16V
C12	NCB21EK-104X	CAPACITOR	0.1μF,25V
C13	QEKC1HM-335	E CAPACITOR	3.3μF,50V
C14	NCB21EK-333X	CAPACITOR	0.033μF,25V
C16	NCF21CZ-105X	CAPACITOR	1μF,16V
C20	NCF21CZ-225X	CAPACITOR	2.2μF,16V
C21	NCB21CK-563X	CAPACITOR	0.056μF,16V
C23	NCB21HK-223X	CAPACITOR	0.022μF,50V
C24	NCB21CK-474X	CAPACITOR	0.47μF,16V
C25	NCB21EK-104X	CAPACITOR	0.1μF,25V
C27	NDC21HJ-101X	CAPACITOR	100pF,50V
C29	NBE20JM-475X	T CAPACITOR	4.7μF,6.3V
C30	NBE20JM-475X	T CAPACITOR	4.7μF,6.3V
C31	NCB21HK-223X	CAPACITOR	0.022μF,50V
C32	NCB21HK-103X	CAPACITOR	0.01μF,50V
C34	NCB21EK-473X	CAPACITOR	0.047μF,25V
C37	QEKJ0JM-476	E CAPACITOR	47μF,6.3V
C41	NCB21EK-104X	CAPACITOR	0.1μF,25V
C42	NCB21HK-103X	CAPACITOR	0.01μF,50V
C43	NCB21HK-103X	CAPACITOR	0.01μF,50V
C45	NCB21EK-104X	CAPACITOR	0.1μF,25V
C46	NDC21HJ-101X	CAPACITOR	100pF,50V
C47	NCB21EK-104X	CAPACITOR	0.1μF,25V
C48	QEKJ0JM-476	E CAPACITOR	47μF,6.3V
C49	NDC21HJ-331X	CAPACITOR	330pF,50V
C54	QEKJ1HM-105	E CAPACITOR	1μF,50V
C55	QEKJ1CM-106	E CAPACITOR	10μF,16V
C56	QEKJ1HM-335	E CAPACITOR	3.3μF,50V
C57	NCB21EK-104X	CAPACITOR	0.1μF,25V
C58	NCB21EK-104X	CAPACITOR	0.1μF,25V
C59	NCB21EK-473X	CAPACITOR	0.047μF,25V
C62	NCF21CZ-334X	CAPACITOR	0.33μF,16V
C63	NDC21HG-151X	CAPACITOR	150pF,50V
C64	QEKJ0JM-227	E CAPACITOR	220μF,6.3V
C65	NCB21EK-104X	CAPACITOR	0.1μF,25V
C73	NCB21HK-103X	CAPACITOR	0.01μF,50V
C74	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W

#	△	REF No.	PART No.	PART NAME, DESCRIPTION	#	△	REF No.	PART No.	PART NAME, DESCRIPTION
C76			NRSA02J-0R0X	MG RESISTOR	C2228			QEKJ1CM-476	E CAPACITOR
C77			NRSA02J-0R0X	MG RESISTOR	C2229			QEKJ1CM-226	E CAPACITOR
C79			NDC21HJ-120X	CAPACITOR	C2230			QEKJ1CM-106	E CAPACITOR
C85			NCB21HK-103X	CAPACITOR	C2231			QETC1HM-106	E CAPACITOR
C86			QEKJ0JM-476	E CAPACITOR	C2232			QETC1HM-106	E CAPACITOR
C87			NCB21HK-103X	CAPACITOR	C2233			QEKJ1HM-105	E CAPACITOR
C88			NCB21HK-103X	CAPACITOR	C2234			QEKJ1HM-105	E CAPACITOR
C89			NCB21HK-103X	CAPACITOR	C2236			QEKJ1CM-476	E CAPACITOR
C90			NCB21HK-103X	CAPACITOR	C2251			NCB21HK-103X	CAPACITOR
C91			NCB21EK-104X	CAPACITOR	C2252			NCB21HK-103X	CAPACITOR
C92			NRSA02J-682X	MG RESISTOR	C2253			NCB21HK-103X	CAPACITOR
C98			NCB21HK-103X	CAPACITOR	C2254			QEKJ1CM-476	E CAPACITOR
C105			QDYB1CM-103Y	CAPACITOR	C2255			NCB21CK-104X	CAPACITOR
C107			NDC21HJ-5R0X	CAPACITOR	C2256			NDC21HJ-101X	CAPACITOR
C108			NCB21EK-104X	CAPACITOR	C2257			NCB21HK-103X	CAPACITOR
C118			NCB21CK-474X	CAPACITOR	C2258			NCB21HK-223X	CAPACITOR
C127			NCB21CK-474X	CAPACITOR	C2259			NCB21HK-103X	CAPACITOR
C133			NCB21EK-104X	CAPACITOR	C2261			NCB21HK-103X	CAPACITOR
C134			NCB21HK-103X	CAPACITOR	C3001			QEKJ1CM-336	E CAPACITOR
C141			NCB21HK-103X	CAPACITOR	C3004			QETN0JM-228	E CAPACITOR
C143			QEKJ0JM-476	E CAPACITOR	C3006			NCB21CK-473X	CAPACITOR
C164			NRSA02J-0R0X	MG RESISTOR	C3012			NDC21HJ-102X	CAPACITOR
C165			NRSA02J-0R0X	MG RESISTOR	C3015			QEKJ1CM-106	E CAPACITOR
C2002			QEKJ1CM-476	E CAPACITOR	C3016			NCB21HK-103X	CAPACITOR
C2003			NCB21HK-123X	CAPACITOR	C3017			NDC21HJ-180X	CAPACITOR
C2004			QEKJ1CM-226	E CAPACITOR	C3018			QAT7001-450Z	TRIM CAPACITOR,TIMER CLOCK
C2005			NCB21HK-102X	CAPACITOR	C3022			NCB21CK-473X	CAPACITOR
C2006			NCB21HK-331X	CAPACITOR	C3025			QEKJ1HM-106	E CAPACITOR
C2007			QEKJ1CM-106	E CAPACITOR	C3026			NCB21HK-103X	CAPACITOR
C2008			NCB21HK-152X	CAPACITOR	C3027			NCB21EK-104X	CAPACITOR
C2009			QEKJ1EM-475	E CAPACITOR	C3034			NCB21HK-221X	CAPACITOR
C2010			QEKJ1EM-475	E CAPACITOR	C3042			NRSA02J-0R0X	MG RESISTOR
C2011			NCB21EK-333X	CAPACITOR	C3043			NRSA02J-0R0X	MG RESISTOR
C2013			NCB21EK-333X	CAPACITOR	C3306			NCB21EK-104X	CAPACITOR
C2015			QEKJ1CM-226	E CAPACITOR	C3307			NCB21EK-104X	CAPACITOR
C2016			QEKJ1EM-475	E CAPACITOR	C4001			NDC21HJ-101X	CAPACITOR
C2051			NCB21HK-331X	CAPACITOR	C4002			NCB21HK-102X	CAPACITOR
C2052			QFV61HJ-823	F CAPACITOR	C4003			NCB21HK-102X	CAPACITOR
C2053			NCB21HK-472X	CAPACITOR	C4004			NCB21HK-102X	CAPACITOR
C2054			NCB21EK-223X	CAPACITOR	C4005			NDC21HJ-470X	CAPACITOR
C2055			QEKJ1CM-106	E CAPACITOR	C4006			QEKJ1HM-105	E CAPACITOR
C2103			NCB21CK-474X	CAPACITOR	C4007			NCB21EK-104X	CAPACITOR
C2202			QETC1CM-226	E CAPACITOR	C4008			NCB21EK-103X	CAPACITOR
C2205			QEKJ1HM-105	E CAPACITOR	C4010			QEKJ1CM-106	E CAPACITOR
C2207			NCB21CK-473X	CAPACITOR	C4011			QEKJ0JM-107	E CAPACITOR
C2208			QETC1CM-476	E CAPACITOR	C4013			QEKJ1CM-106	E CAPACITOR
C2209			QETC1HM-225	E CAPACITOR	C4015			NCB21HK-222X	CAPACITOR
C2210			QETC1CM-476	E CAPACITOR	C4017			NCB21CK-563X	CAPACITOR
C2211			NCB21HK-153X	CAPACITOR	C4018			NDC21HJ-221X	CAPACITOR
C2212			NCB21HK-103X	CAPACITOR	△ C5001			QFZ9051-683	F CAPACITOR
C2213			QEKJ1EM-475	E CAPACITOR	△ C5002			QFZ9051-333	F CAPACITOR
C2214			NCB21HK-103X	CAPACITOR	△ C5005			QCZ9071-222	CAPACITOR
C2216			QEKJ1EM-475	E CAPACITOR	C5006			QEZO374-686	E CAPACITOR
C2217			NCB21HK-103X	CAPACITOR	C5101			QCZO212-472	CAPACITOR
C2218			NCB21HK-153X	CAPACITOR	C5102			QCZO302-330Z	CAPACITOR
C2219			QETC1CM-476	E CAPACITOR	C5104			QETC1HM-105	E CAPACITOR
C2220			QETC1HM-225	E CAPACITOR	C5105			QFN31HJ-183	F CAPACITOR
C2221			NCB21CK-473X	CAPACITOR	C5106			QCB1HJ-271	CAPACITOR
C2222			QEKJ1CM-476	E CAPACITOR	C5107			QFVF1HJ-104Z	F CAPACITOR
C2224			QEKJ1HM-105	E CAPACITOR	C5201			QEMU0JM-227	E CAPACITOR
C2227			QEKJ1HM-224	E CAPACITOR	C5202			QEMT1CM-128	E CAPACITOR

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
C5203		QETC1CM-227	E CAPACITOR	220μF,16V
C5204		QEMT1AM-128	E CAPACITOR	1200μF,10V
C5205		QETC1AM-227	E CAPACITOR	220μF,10V
C5207		QETC1JM-106	E CAPACITOR	10μF,63V
C5208		QETC1HM-106	E CAPACITOR	10μF,50V
C5301		QETC1AM-107	E CAPACITOR	100μF,10V
C5302		QETC1HM-106	E CAPACITOR	10μF,50V
C5303		QETC1CM-107	E CAPACITOR	100μF,16V
C5306		NCF21HZ-103X	CAPACITOR	0.01μF,50V
C5307		QETC1HM-474	E CAPACITOR	0.47μF,50V
C5308		NCB21HK-102X	CAPACITOR	0.001μF,50V
C5309		QETC1AM-107	E CAPACITOR	100μF,10V
C5310		QETC1CM-226	E CAPACITOR	22μF,16V
C5314		NCB21HK-102X	CAPACITOR	0.001μF,50V
C5315		QETC1AM-107	E CAPACITOR	100μF,10V
C5316		QETC1CM-476	E CAPACITOR	47μF,16V
C5317		QETC1CM-107	E CAPACITOR	100μF,16V
C6001		QETC1CM-476	E CAPACITOR	47μF,16V
C6003		QETC1CM-336	E CAPACITOR	33μF,16V
C6004		NCB21HK-103X	CAPACITOR	0.01μF,50V
C6005		QETC1HM-106	E CAPACITOR	10μF,50V
C6006		NCB21HK-103X	CAPACITOR	0.01μF,50V
C6008		NCB21HK-103X	CAPACITOR	0.01μF,50V
C6012		QETC1HM-106	E CAPACITOR	10μF,50V
C6014		NCB21CK-473X	CAPACITOR	0.047μF,16V
C6024		NCB21HK-471X	CAPACITOR	470pF,50V
C6027		NDC21HJ-101X	CAPACITOR	100pF,50V
C6031		QETC1HM-106	E CAPACITOR	10μF,50V
C6033		NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
C6051		NDC21HJ-101X	CAPACITOR	100pF,50V
C6052		NCB21HK-103X	CAPACITOR	0.01μF,50V
L1		QQL29BJ-100Z	COIL	10μH
L4		QQL29BJ-100Z	COIL	10μH
L7		QQL29BJ-100Z	COIL	10μH
L9		QQL29BJ-100Z	COIL	10μH
L12		QRE141J-0R0Y	RESISTOR	0Ω,1/4W
L13		QQL071J-120Y	COIL	12μH
L14		QQL071J-820Y	COIL	82μH
L16		QQL29BJ-100Z	COIL	10μH
L18		PELN1203	COIL	12μH
L2251		QQL29BJ-100Z	COIL	10μH
L3003		QQL29BJ-100Z	COIL	10μH
L4001		QQL071J-270Y	COIL	27μH
L5201		PELN1184	COIL	33μH
L5202		PU60944-330K	COIL	33μH
L5301		QQL01BK-101Z	COIL	100μH
L6002		QQL29BK-1R0Z	COIL	1μH
L6031		QQL29BK-1R0Z	COIL	1μH
CF3001		QAX0356-001Z	RESONATOR	
CF3301		QAX0356-001Z	RESONATOR	
X1		QAX0436-001	CRYSTAL RESONATOR	
X3001		QAX0445-001	CRYSTAL RESONATOR	
S3003		QSW0695-001	PUSH SWITCH	
K5101		QQR0678-001Z	FERRITE BEAD	
PC3001		GP3S123	PHOTOTRANSISTOR	
PC3002		GP3S123	PHOTOTRANSISTOR	
PC5101		ON3171/R/	IC(PHOTO COUPLE)	
T2051		PELN0832	OSC TRANSFORMER	
T5001		QQS0021-001	SW TRANSFORMER	
ET1		LP40280-001B	EARTH PLATE	
SD1		LP30364-001A	S.CASE(PRE/REC)	

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
TU6001		QAU0074-001	TUNER	
△ HS1		PQ46583-1-1	HEAT SINK,Q5101	
OT1		QYTDST3008Z	SCREW,X2 Q5101	
△ F5001		QMF51E2-1R6J1	FUSE	T1.6A
FC5001		QNG0006-001Z	FUSE CLIP,F5001	
FC5002		QNG0006-001Z	FUSE CLIP,F5001	
J7108		PU61012	MINI JACK,R.PAUSE RAE	
△ LF5001		PELN1204-01-01	LINE FILTER	
△ LF5002		QQR0608-001	LINE FILTER	
WR11		QUB321-06A2A2	SIN TWIST WIRE	
CN1		QGF1018C1-11	FPC CONNECTOR,(1-11)U.DRUM	
CN2001		QGF1207C1-07	FPC CONNECTOR,(1-7)A/C HEAD	
CN2002		QGB2532J1-02	CONNECTOR,(1-2)FE HEAD	
CN3001		QGB2015M1-08	CONNECTOR,(1-8)CAP.MOTOR	
CN3003		QGB2532J1-02	CONNECTOR,(1-2)L.MOTOR	
CN3004		QGB2534J2-04	CONNECTOR,(1-4)R.ENCODER	
CN3005		QGF1207C1-12	FPC CONNECTOR,(1-12)FRONT	
CN3006		QGF1207C1-07	FPC CONNECTOR,(1-7)JOG	
CN4001		QGF1207C1-04	FPC CONNECTOR,(1-4)DRUM MDA	
△ CN5001		QGA7901C3-02	CONNECTOR,(1-2)AC IN	
CN7104		QGB2013K1-11	CONNECTOR,(1-11)TERMINAL	
CN7105		QGB2013K1-13	CONNECTOR,(1-13)TERMINAL	
CN7106		QGB2013K1-11	CONNECTOR,(3-13)TERMINAL	
CN7162		QGF1207C1-05	FPC CONNECTOR,(1-5)FRONT	
△ CP3003		ICP-N20	CIRCUIT PROTECTOR	
△ CP4001		ICP-N15	CIRCUIT PROTECTOR	
△ CP5301		ICP-N38	CIRCUIT PROTECTOR	
△ CP5302		ICP-N25	CIRCUIT PROTECTOR	
△ CP5303		ICP-N25	CIRCUIT PROTECTOR	

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### 2D SVHS BOARD ASSEMBLY <05>

PW1	LPA10019-01A	2D SVHS BOARD ASSY
IC1001	JCP8008	IC
IC1002	VC2076DP	IC
IC1006	HA118092FP1	IC
IC1007	BA10358F	IC
IC1201	JCP8013	IC
Q1005	UN521E	TRANSISTOR
	or DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
Q1006	2SA1576A/QRS/-X	TRANSISTOR
Q1007	2SC4081/QRS/-X	TRANSISTOR
Q1012	2SD1819A/QRS/-X	TRANSISTOR
	or 2SC4081/QRS/-X	TRANSISTOR
	or 2PC4081/R/-X	TRANSISTOR
Q1014	2SC4081/QRS/-X	TRANSISTOR
Q1015	2SC4081/QRS/-X	TRANSISTOR
Q1016	UN521E	TRANSISTOR
	or DTC144WU	TRANSISTOR
	or RN1309	TRANSISTOR
Q1201	2SC4081/QRS/-X	TRANSISTOR
Q1202	2SC4081/QRS/-X	TRANSISTOR
Q1203	UN521E	TRANSISTOR
	or RN1309	TRANSISTOR
	or DTC144WU	TRANSISTOR
Q1205	2SC4081/QRS/-X	TRANSISTOR

For Service Manuals Contact  
**MAURITRON TECHNICAL SERVICES**  
 8 Cherry Tree Rd, Chinnor  
 Oxon OX9 4QY  
 Tel: 01844-351694 Fax: 01844-352554  
 Email: enquiries@mauritron.co.uk

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
Q1206		2SC4081/QRS/-X	TRANSISTOR	
Q1207		2SA1576A/QRS/-X	TRANSISTOR	
Q1208		2SC4081/QRS/-X	TRANSISTOR	
Q1209		2SC4081/QRS/-X	TRANSISTOR	
Q1210		2SC4081/QRS/-X	TRANSISTOR	
Q1211		UN521E	TRANSISTOR	
		or RN1309	TRANSISTOR	
		or DTC144WU	TRANSISTOR	
Q1212		2SB1218A/QR/-X	TRANSISTOR	
		or 2SA1576A/QR/-X	TRANSISTOR	
		or 2PA1576/R/-X	TRANSISTOR	
Q1213		2SA1576A/QRS/-X	TRANSISTOR	
Q1215		2SD1819A/QRS/-X	TRANSISTOR	
		or 2SC4081/QRS/-X	TRANSISTOR	
		or 2PC4081/R/-X	TRANSISTOR	
Q1216		UN521E	TRANSISTOR	
		or DTC144WU	TRANSISTOR	
		or RN1309	TRANSISTOR	
Q1217		2SC4081/QRS/-X	TRANSISTOR	
Q1218		2SA1576A/QRS/-X	TRANSISTOR	
Q1219		2SA1576A/QRS/-X	TRANSISTOR	
Q1220		UN521E	TRANSISTOR	
		or DTC144WU	TRANSISTOR	
		or RN1309	TRANSISTOR	
Q1221		2SD1819A/QRS/-X	TRANSISTOR	
		or 2SC4081/QRS/-X	TRANSISTOR	
		or 2PC4081/R/-X	TRANSISTOR	
D1002		1SS133	DIODE	
		or 1N4148M	DIODE	
D1003		DAN202U	DIODE	
D1006		1SS133	DIODE	
		or 1N4148M	DIODE	
D1203		DAP202U	DIODE	
D1204		DAN202U	DIODE	
R1002		NRSA02J-103X	MG RESISTOR	10kΩ, 1/10W
R1003		NRSA02J-221X	MG RESISTOR	220Ω, 1/10W
R1004		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1006		NRSA02J-184X	MG RESISTOR	180kΩ, 1/10W
R1007		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1009		NRSA02J-155X	MG RESISTOR	1.5MΩ, 1/10W
R1010		NRVA02D-332X	CMF RESISTOR	3.3kΩ, 1/10W
R1011		NRVA02D-332X	CMF RESISTOR	3.3kΩ, 1/10W
R1012		NRVA02D-152X	CMF RESISTOR	1.5kΩ, 1/10W
R1013		NRVA02D-471X	CMF RESISTOR	470Ω, 1/10W
R1014		NRVA02D-102X	CMF RESISTOR	1kΩ, 1/10W
R1015		NRVA02D-102X	CMF RESISTOR	1kΩ, 1/10W
R1016		NRSA02J-122X	MG RESISTOR	1.2kΩ, 1/10W
R1017		NRSA02J-162X	MG RESISTOR	1.6kΩ, 1/10W
R1018		NRSA02J-151X	MG RESISTOR	150Ω, 1/10W
R1019		NRSA02J-391X	MG RESISTOR	390Ω, 1/10W
R1020		NRSA02J-332X	MG RESISTOR	3.3kΩ, 1/10W
R1021		NRSA02J-332X	MG RESISTOR	3.3kΩ, 1/10W
R1025		NRSA02J-823X	MG RESISTOR	82kΩ, 1/10W
R1026		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1027		NRSA02J-561X	MG RESISTOR	560Ω, 1/10W
R1028		NRSA02J-561X	MG RESISTOR	560Ω, 1/10W
R1029		NRSA02J-473X	MG RESISTOR	47kΩ, 1/10W
R1030		NRSA02J-473X	MG RESISTOR	47kΩ, 1/10W
R1031		NRSA02J-562X	MG RESISTOR	5.6kΩ, 1/10W
R1032		NRSA02J-181X	MG RESISTOR	180Ω, 1/10W
R1037		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
R1038		NRSA02J-103X	MG RESISTOR	10kΩ, 1/10W
R1039		NRSA02J-394X	MG RESISTOR	390kΩ, 1/10W
R1045		NRSA02J-272X	MG RESISTOR	2.7kΩ, 1/10W
R1046		NRSA02J-273X	MG RESISTOR	27kΩ, 1/10W
R1047		NRSA02J-103X	MG RESISTOR	10kΩ, 1/10W
R1048		NRSA02J-103X	MG RESISTOR	10kΩ, 1/10W
R1053		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1054		NRSA02J-221X	MG RESISTOR	220Ω, 1/10W
R1055		NRVA02D-563X	CMF RESISTOR	56kΩ, 1/10W
R1056		NRVA02D-224X	CMF RESISTOR	220kΩ, 1/10W
R1058		NRSA02J-273X	MG RESISTOR	27kΩ, 1/10W
R1059		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1060		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1063		NRSA02J-152X	MG RESISTOR	1.5kΩ, 1/10W
R1064		NRSA02J-332X	MG RESISTOR	3.3kΩ, 1/10W
R1065		NRSA02J-472X	MG RESISTOR	4.7kΩ, 1/10W
R1066		NRSA02J-272X	MG RESISTOR	2.7kΩ, 1/10W
R1067		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1068		NRSA02J-361X	MG RESISTOR	360Ω, 1/10W
R1069		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1201		NRSA02J-123X	MG RESISTOR	12kΩ, 1/10W
R1202		NRSA02J-223X	MG RESISTOR	22kΩ, 1/10W
R1203		NRSA02J-681X	MG RESISTOR	680Ω, 1/10W
R1204		NRSA02J-272X	MG RESISTOR	2.7kΩ, 1/10W
R1205		NRSA02J-182X	MG RESISTOR	1.8kΩ, 1/10W
R1206		NRSA02J-101X	MG RESISTOR	100Ω, 1/10W
R1207		NRSA02J-101X	MG RESISTOR	100Ω, 1/10W
R1208		NRSA02J-471X	MG RESISTOR	470Ω, 1/10W
R1209		NRSA02J-153X	MG RESISTOR	15kΩ, 1/10W
R1210		NRSA02J-332X	MG RESISTOR	3.3kΩ, 1/10W
R1211		NRSA02J-821X	MG RESISTOR	820Ω, 1/10W
R1212		NRSA02J-331X	MG RESISTOR	330Ω, 1/10W
R1213		NRSA02J-103X	MG RESISTOR	10kΩ, 1/10W
R1216		NRSA02J-103X	MG RESISTOR	10kΩ, 1/10W
R1218		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1219		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1220		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1223		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1225		NRSA02J-0R0X	MG RESISTOR	0Ω, 1/10W
R1226		NRSA02J-123X	MG RESISTOR	12kΩ, 1/10W
R1227		NRSA02J-180X	MG RESISTOR	18Ω, 1/10W
R1228		NRSA02J-822X	MG RESISTOR	8.2kΩ, 1/10W
R1229		NRSA02J-471X	MG RESISTOR	470Ω, 1/10W
R1230		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1231		NRSA02J-121X	MG RESISTOR	120Ω, 1/10W
R1232		NRSA02J-272X	MG RESISTOR	2.7kΩ, 1/10W
R1233		NRSA02J-681X	MG RESISTOR	680Ω, 1/10W
R1234		NRSA02J-222X	MG RESISTOR	2.2kΩ, 1/10W
R1235		NRSA02J-391X	MG RESISTOR	390Ω, 1/10W
R1236		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1237		NRSA02J-123X	MG RESISTOR	12kΩ, 1/10W
R1238		NRSA02J-223X	MG RESISTOR	22kΩ, 1/10W
R1239		NRSA02J-471X	MG RESISTOR	470Ω, 1/10W
R1240		NRSA02J-223X	MG RESISTOR	22kΩ, 1/10W
R1242		NRSA02J-471X	MG RESISTOR	470Ω, 1/10W
R1243		NRSA02J-821X	MG RESISTOR	820Ω, 1/10W
R1244		NRSA02J-470X	MG RESISTOR	47Ω, 1/10W
R1245		NRSA02J-470X	MG RESISTOR	47Ω, 1/10W
R1246		NRSA02J-151X	MG RESISTOR	150Ω, 1/10W
R1247		NRSA02J-102X	MG RESISTOR	1kΩ, 1/10W
R1248		NRSA02J-821X	MG RESISTOR	820Ω, 1/10W

REF No.	PART No.	PART NAME, DESCRIPTION	
R1249	NRSA02J-152X	MG RESISTOR	1.5k $\Omega$ ,1/10W
R1250	NRSA02J-102X	MG RESISTOR	1k $\Omega$ ,1/10W
R1251	NRSA02J-102X	MG RESISTOR	1k $\Omega$ ,1/10W
R1253	NRSA02J-102X	MG RESISTOR	1k $\Omega$ ,1/10W
R1255	NRSA02J-102X	MG RESISTOR	1k $\Omega$ ,1/10W
R1256	NRSA02J-681X	MG RESISTOR	680 $\Omega$ ,1/10W
R1257	NRSA02J-103X	MG RESISTOR	10k $\Omega$ ,1/10W
R1259	NRSA02J-272X	MG RESISTOR	2.7k $\Omega$ ,1/10W
R1260	NRSA02J-101X	MG RESISTOR	100 $\Omega$ ,1/10W
R1261	NRSA02J-221X	MG RESISTOR	220 $\Omega$ ,1/10W
R1262	NRSA02J-332X	MG RESISTOR	3.3k $\Omega$ ,1/10W
R1263	NRSA02J-101X	MG RESISTOR	100 $\Omega$ ,1/10W
R1264	NRSA02J-332X	MG RESISTOR	3.3k $\Omega$ ,1/10W
R1265	NRSA02J-272X	MG RESISTOR	2.7k $\Omega$ ,1/10W
VR1001	QRE141J-0R0	RESISTOR,VCA LEVEL ADJ	
VR1002	QVZ3521-104Z	V RESISTOR,P,BURST LEVEL ADJ	
VR1201	QVP0039-103Z	TRIM RESISTOR,Y LEVEL ADJ	
C1001	QEKJ0JM-476	E CAPACITOR	47 $\mu$ F,6.3V
C1002	QEKJ1HM-474	E CAPACITOR	0.47 $\mu$ F,50V
C1003	QEKJ1CM-106	E CAPACITOR	10 $\mu$ F,16V
C1005	QEKJ1EM-475	E CAPACITOR	4.7 $\mu$ F,25V
C1006	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1007	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1008	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1010	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1011	NDC21HJ-150X	CAPACITOR	15pF,50V
C1013	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1014	QEKJ1HM-225	E CAPACITOR	2.2 $\mu$ F,50V
C1015	QEKJ1EM-475	E CAPACITOR	4.7 $\mu$ F,25V
C1016	QEKJ1HM-225	E CAPACITOR	2.2 $\mu$ F,50V
C1017	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1019	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1020	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1021	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1022	QEKJ1HM-105	E CAPACITOR	1 $\mu$ F,50V
C1023	QEKJ1HM-225	E CAPACITOR	2.2 $\mu$ F,50V
C1024	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1026	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1027	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1028	QEKJ0JM-337	E CAPACITOR	330 $\mu$ F,6.3V
C1029	QEKJ1HM-104	E CAPACITOR	0.1 $\mu$ F,50V
C1030	QEKJ1HM-105	E CAPACITOR	1 $\mu$ F,50V
C1031	QEKJ1HM-225	E CAPACITOR	2.2 $\mu$ F,50V
C1033	QEKJ1HM-105	E CAPACITOR	1 $\mu$ F,50V
C1034	QEPF1HM-105	NP E CAPACITOR	1 $\mu$ F,50V
C1035	QEKJ1EM-475	E CAPACITOR	4.7 $\mu$ F,25V
C1036	QEKJ0JM-226	E CAPACITOR	22 $\mu$ F,6.3V
C1037	QEKJ1HM-225	E CAPACITOR	2.2 $\mu$ F,50V
C1038	QEKJ1HM-225	E CAPACITOR	2.2 $\mu$ F,50V
C1039	QEKJ1CM-476	E CAPACITOR	47 $\mu$ F,16V
C1040	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1041	NDC21HG-301X	CAPACITOR	300pF,50V
C1042	NDC21HG-301X	CAPACITOR	300pF,50V
C1043	NDC21HG-221X	CAPACITOR	220pF,50V
C1044	NDC21HG-820X	CAPACITOR	82pF,50V
C1045	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1046	NDC21HG-271X	CAPACITOR	270pF,50V
C1047	NDC21HJ-101X	CAPACITOR	100pF,50V
C1048	NDC21HJ-181X	CAPACITOR	180pF,50V
C1049	NDC21HG-301X	CAPACITOR	300pF,50V
C1050	NDC21HG-301X	CAPACITOR	300pF,50V

# REF No.	PART No.	PART NAME, DESCRIPTION	
C1056	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1057	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1058	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1063	NDC21HJ-101X	CAPACITOR	100pF,50V
C1064	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1065	QEKJ0JM-227	E CAPACITOR	220 $\mu$ F,6.3V
C1066	NCB21EK-223X	CAPACITOR	0.022 $\mu$ F,25V
C1067	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1068	QEKJ1HM-105	E CAPACITOR	1 $\mu$ F,50V
C1069	QEKJ1CM-106	E CAPACITOR	10 $\mu$ F,16V
C1070	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1071	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1072	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1073	NDC21HJ-150X	CAPACITOR	15pF,50V
C1074	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1082	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1086	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1087	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1088	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1089	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1092	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1201	QEKJ0JM-337	E CAPACITOR	330 $\mu$ F,6.3V
C1202	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1203	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1204	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1205	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1206	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1207	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1208	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1209	NCF21CZ-105X	CAPACITOR	1 $\mu$ F,16V
C1210	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1211	QEKJ0JM-337	E CAPACITOR	330 $\mu$ F,6.3V
C1212	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1213	NCB21EK-473X	CAPACITOR	0.047 $\mu$ F,25V
C1214	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1215	NCB21HK-102X	CAPACITOR	0.001 $\mu$ F,50V
C1216	NCF21CZ-105X	CAPACITOR	1 $\mu$ F,16V
C1217	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1218	QEKJ0JM-107	E CAPACITOR	100 $\mu$ F,6.3V
C1219	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1220	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1221	QEKJ1HM-335	E CAPACITOR	3.3 $\mu$ F,50V
C1222	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1223	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1224	NDC21HJ-390X	CAPACITOR	39pF,50V
C1225	NDC21HJ-220X	CAPACITOR	22pF,50V
C1226	NDC21HJ-6R0X	CAPACITOR	6pF,50V
C1227	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1228	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1229	NDC21HJ-470X	CAPACITOR	47pF,50V
C1230	NDC21HJ-8R0X	CAPACITOR	8pF,50V
C1231	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1232	NCF21EZ-104X	CAPACITOR	0.1 $\mu$ F,25V
C1233	NDC21HJ-680X	CAPACITOR	68pF,50V
C1234	NDC21HJ-391X	CAPACITOR	390pF,50V
C1235	NDC21HJ-100X	CAPACITOR	10pF,50V
C1236	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1237	NDC21HJ-221X	CAPACITOR	220pF,50V
C1238	NCB21HK-103X	CAPACITOR	0.01 $\mu$ F,50V
C1239	NDC21HJ-470X	CAPACITOR	47pF,50V
C1240	NDC21HJ-470X	CAPACITOR	47pF,50V

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
C1242		NDC21HJ-470X	CAPACITOR	47pF,50V
C1244		NDC21HJ-470X	CAPACITOR	47pF,50V
C1246		NDC21HJ-470X	CAPACITOR	47pF,50V
C1247		NDC21HJ-470X	CAPACITOR	47pF,50V
C1248		NDC21HJ-470X	CAPACITOR	47pF,50V
C1249		NDC21HJ-470X	CAPACITOR	47pF,50V
C1250		NCF21EZ-104X	CAPACITOR	0.1μF,25V
C1251		NCF21EZ-104X	CAPACITOR	0.1μF,25V
C1252		NCF21EZ-104X	CAPACITOR	0.1μF,25V
C1253		NDC21HJ-330X	CAPACITOR	33pF,50V
L1001		QQL29BJ-220Z	COIL	22μH
L1004		QQL071J-680Y	COIL	68μH
L1006		QQL29BJ-101Z	COIL	100μH
L1008		QQL29BJ-100Z	COIL	10μH
L1201		QQL29BJ-101Z	COIL	100μH
L1202		QQL29BJ-101Z	COIL	100μH
L1203		QQL29BJ-101Z	COIL	100μH
L1204		QQL071J-330Y	COIL	33μH
L1205		QQL071J-150Y	COIL	15μH
L1206		QQL071J-100Y	COIL	10μH
L1207		QQL071J-100Y	COIL	10μH
L1209		QQL231J-1R0Y	COIL	1μH
LC1201		QQR0657-013Z	NOISE FILTER	
SD1		LP30405-001B	S.CASE(S-VHS)	
SD2		LP30406-001A	S.PLATE(S-VHS)	
BK1		LP40077-001A	BRACKET(BOARD)	
CN1001		QGG2503K2-20	HEADER PIN,(11-30)MAIN	
CN1002		QGG2503K2-30	HEADER PIN,(1-30)MAIN	
CN1003		QGF1217F1-07	FPC CONNECTOR,(1-7)TERMINAL	

#	△ REF No.	PART No.	PART NAME, DESCRIPTION	
R252		NRSA02J-123X	MG RESISTOR	12kΩ,1/10W
R253		NRSA02J-182X	MG RESISTOR	1.8kΩ,1/10W
R254		NRSA02J-562X	MG RESISTOR	5.6kΩ,1/10W
R255		NRSA02J-182X	MG RESISTOR	1.8kΩ,1/10W
R258		NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R7101		NRSA02J-750X	MG RESISTOR	75Ω,1/10W
R7102		QRE141J-750Y	RESISTOR	75Ω,1/4W
R7104		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7105		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7106		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7107		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7108		NRSA02J-750X	MG RESISTOR	75Ω,1/10W
R7111		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7112		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7115		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7116		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7131		QRE141J-181Y	RESISTOR	180Ω,1/4W
R7132		NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R7133		NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R7134		NRSA02J-471X	MG RESISTOR	470Ω,1/10W
R7151		NRSA02J-750X	MG RESISTOR	75Ω,1/10W
R7152		NRSA02J-750X	MG RESISTOR	75Ω,1/10W
R7153		NRSA02J-750X	MG RESISTOR	75Ω,1/10W
R7154		NRSA02J-680X	MG RESISTOR	68Ω,1/10W
R7157		QRE123J-391X	RESISTOR	390Ω,1/2W
R7158		NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R7160		QRE123J-391X	RESISTOR	390Ω,1/2W
R7161		NRSA02J-152X	MG RESISTOR	1.5kΩ,1/10W
R7162		NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R7191		NRSA02J-750X	MG RESISTOR	75Ω,1/10W
R7192		NRSA02J-223X	MG RESISTOR	22kΩ,1/10W
R7193		NRSA02J-123X	MG RESISTOR	12kΩ,1/10W
R7194		NRSA02J-822X	MG RESISTOR	8.2kΩ,1/10W
R7195		QRE142J-563	RESISTOR	56kΩ,1/4W
R7196		QRE142J-152	RESISTOR	1.5kΩ,1/4W
C201		NDC21HJ-100X	CAPACITOR	10pF,50V
C205		NDC21HJ-470X	CAPACITOR	47pF,50V
C206		NDC21HJ-470X	CAPACITOR	47pF,50V
C207		NCB21CK-224X	CAPACITOR	0.22μF,16V
C209		NCB21CK-224X	CAPACITOR	0.22μF,16V
C211		QEKJ1HM-105	E CAPACITOR	1μF,50V
C213		QEKJ1HM-105	E CAPACITOR	1μF,50V
C215		QEKJ0JM-227	E CAPACITOR	220μF,6.3V
C219		NCB21CK-224X	CAPACITOR	0.22μF,16V
C221		NDC21HJ-330X	CAPACITOR	33pF,50V
C251		NCB21EK-104X	CAPACITOR	0.1μF,25V
C252		QEKJ1EM-475	E CAPACITOR	4.7μF,25V
C253		NCB21CK-224X	CAPACITOR	0.22μF,16V
C254		QEKJ0JM-227	E CAPACITOR	220μF,6.3V
C255		NCB21EK-333X	CAPACITOR	0.033μF,25V
C256		QEKJ1EM-475	E CAPACITOR	4.7μF,25V
C258		NDC21HJ-560X	CAPACITOR	56pF,50V
C7101		NCB21HK-681X	CAPACITOR	680pF,50V
C7102		NCB21HK-681X	CAPACITOR	680pF,50V
C7105		NCB21HK-102X	CAPACITOR	0.001μF,50V
C7106		NCB21HK-102X	CAPACITOR	0.001μF,50V
C7110		NCB21HK-681X	CAPACITOR	680pF,50V
C7111		NCB21HK-681X	CAPACITOR	680pF,50V
C7119		NCB21HK-102X	CAPACITOR	0.001μF,50V
C7120		NCB21HK-102X	CAPACITOR	0.001μF,50V
C7131		QEKJ1EM-475	E CAPACITOR	4.7μF,25V

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**TERMINAL BOARD ASSEMBLY <06>**

PW1	LPA10016-10A1	TERMINAL BOARD ASSY	
IC201	LC74799-9608	IC	
IC7131	BH7634AS	IC	
IC7191	MM1231XF	IC	
Q203	2SD1819A/QRS/-X	TRANSISTOR	
	or 2PC4081/R/-X	TRANSISTOR	
	or 2SC4081/QRS/-X	TRANSISTOR	
Q7131	2SA1576A/QR/-X	TRANSISTOR	
Q7151	2SA1576A/QR/-X	TRANSISTOR	
Q7152	2SA1576A/QR/-X	TRANSISTOR	
Q7191	DTC114EU	TRANSISTOR	
	or RN1302	TRANSISTOR	
	or UN5211	TRANSISTOR	
D7191	1SS133	DIODE	
	or 1N4148M	DIODE	
D7192	1SS133	DIODE	
	or 1N4148M	DIODE	
R201	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R204	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R205	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R206	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R208	NRSA02J-0R0X	MG RESISTOR	0Ω,1/10W
R211	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R213	NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R226	NRSA02J-182X	MG RESISTOR	1.8kΩ,1/10W



REF No.	PART No.	PART NAME, DESCRIPTION	
C7132	QEKJ1CM-476	E CAPACITOR	47μF,16V
C7133	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7134	NCB21HK-223X	CAPACITOR	0.022μF,50V
C7135	NCB21HK-223X	CAPACITOR	0.022μF,50V
C7136	NCB21HK-223X	CAPACITOR	0.022μF,50V
C7137	NCB21HK-223X	CAPACITOR	0.022μF,50V
C7138	NDC21HJ-330X	CAPACITOR	33pF,50V
C7139	NDC21HJ-330X	CAPACITOR	33pF,50V
C7140	NDC21HJ-330X	CAPACITOR	33pF,50V
C7141	NDC21HJ-330X	CAPACITOR	33pF,50V
C7151	QETA0JM-477	E CAPACITOR	470μF,6.3V
C7153	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7154	QEKJ1CM-476	E CAPACITOR	47μF,16V
C7155	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7156	QCBB1HK-101	CAPACITOR	100pF,50V
C7157	NDC21HJ-101X	CAPACITOR	100pF,50V
C7191	QEKJ1CM-107	E CAPACITOR	100μF,16V
C7192	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7193	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7194	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7195	QEKJ1CM-106	E CAPACITOR	10μF,16V
C7196	QEKJ1CM-106	E CAPACITOR	10μF,16V
C7197	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7198	NCB21HK-103X	CAPACITOR	0.01μF,50V
C7199	NCB21HK-103X	CAPACITOR	0.01μF,50V
L202	QQL29BJ-330Z	COIL	33μH
L204	QQL29BK-1R0Z	COIL	1μH
L206	QQL231J-1R0Y	COIL	1μH
L251	QQL231J-100Y	COIL	10μH
L252	QQL231J-220Y	COIL	22μH
L7101	QQL231J-R22Y	COIL	0.22μH
L7102	QQL231J-4R7Y	COIL	4.7μH
L7103	QQL231J-4R7Y	COIL	4.7μH
L7104	QQL231J-4R7Y	COIL	4.7μH
L7105	QQL231J-4R7Y	COIL	4.7μH
L7106	QQL231J-1R0Y	COIL	1μH
L7107	QQL231J-4R7Y	COIL	4.7μH
L7108	QQL231J-4R7Y	COIL	4.7μH
L7112	QQL231J-4R7Y	COIL	4.7μH
L7113	QQL231J-4R7Y	COIL	4.7μH
L7132	QQL231J-1R0Y	COIL	1μH
L7133	QQL231J-1R0Y	COIL	1μH
L7134	QQL231J-1R0Y	COIL	1μH
L7135	QQL231J-1R0Y	COIL	1μH
SW7151	QSW0693-001	SLIDE SWITCH	
TB1	LP30361-009B	TERMINAL BOARD ASSY	
OT1	QYTDSF3008Z	SCREW,X8	
ET1	PQ21987-1-1	EATH PLATE(TERMINAL)	
J7101	PEMC1177	RGB21PIN SOCKET,A/V 1	
J7102	PEMC1177	RGB21PIN SOCKET,A/V 2	
J7103	QNN0023-002	PIN JACK,AUDIO OUT(R)	
J7104	QNN0023-003	PIN JACK,AUDIO OUT(L)	
J7152	QND0009-001	S JACK	
CN7101	QGB2013J1-13	CONNECTOR,(1-13)MAIN	
CN7102	QGB2013J1-11	CONNECTOR,(3-13)MAIN	
CN7103	QGB2013J1-11	CONNECTOR,(1-11)MAIN	
CN7151	QGF1208F1-07	FPC CONNECTOR,(1-7)2D SVHS	
CN7191	QGF1208F1-04	FPC CONNECTOR,(1-4)FRONT	

# REF No. PART No. PART NAME, DESCRIPTION  
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**AUDIO CONTROL HEAD BOARD ASSEMBLY <12>**

PW1	LPA10010-01A1	A/C HEAD BOARD ASSY
CN1	QGF1208F1-07	FPC CONNECTOR

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**DEMOD BOARD ASSEMBLY <14>**

PW1	LPA10021-01A	DEMOD BOARD ASSY	
IC6701	MSP3415D	IC	
Q6701	2SC3068	TRANSISTOR	
Q6702	2SC3354/TS-T	TRANSISTOR	
Q6704	DTC114EU	TRANSISTOR	
Q6705	DTC114EU	TRANSISTOR	
D6702	MTZJ9.1B	ZENER DIODE	
D6703	1N4148M	DIODE	
	or 1SS133	DIODE	
D6704	1N4148M	DIODE	
	or 1SS133	DIODE	
R6701	NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R6702	NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R6703	NRSA02J-271X	MG RESISTOR	270Ω,1/10W
R6704	NRSA02J-101X	MG RESISTOR	100Ω,1/10W
R6705	NRSA02J-472X	MG RESISTOR	4.7kΩ,1/10W
R6706	NRSA02J-392X	MG RESISTOR	3.9kΩ,1/10W
R6707	NRSA02J-470X	MG RESISTOR	47Ω,1/10W
R6708	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R6709	NRSA02J-271X	MG RESISTOR	270Ω,1/10W
R6710	NRSA02J-151X	MG RESISTOR	150Ω,1/10W
R6712	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R6713	NRSA02J-103X	MG RESISTOR	10kΩ,1/10W
R6714	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R6715	NRSA02J-223X	MG RESISTOR	22kΩ,1/10W
R6716	NRSA02J-102X	MG RESISTOR	1kΩ,1/10W
R6717	NRSA02J-223X	MG RESISTOR	22kΩ,1/10W
R6718	NRSA02J-684X	MG RESISTOR	680kΩ,1/10W
C6703	QEKJ1CM-336	E CAPACITOR	33μF,16V
C6704	QEKJ1CM-107	E CAPACITOR	100μF,16V
C6705	NCB21HK-103X	CAPACITOR	0.01μF,50V
C6706	NCB21HK-223X	CAPACITOR	0.022μF,50V
C6707	NCB21HK-103X	CAPACITOR	0.01μF,50V
C6708	NCB21HK-103X	CAPACITOR	0.01μF,50V
C6709	QEKJ1CM-336	E CAPACITOR	33μF,16V
C6710	NCB21HK-682X	CAPACITOR	0.0068μF,50V
C6711	NCB21HK-682X	CAPACITOR	0.0068μF,50V
C6712	QEKJ1HM-225	E CAPACITOR	2.2μF,50V
C6713	QEKJ1HM-225	E CAPACITOR	2.2μF,50V
C6714	NCB21HK-103X	CAPACITOR	0.01μF,50V
C6716	NCB21HK-103X	CAPACITOR	0.01μF,50V
C6717	NCB21HK-223X	CAPACITOR	0.022μF,50V
C6718	QEKJ1CM-336	E CAPACITOR	33μF,16V
C6719	QEKJ1CM-106	E CAPACITOR	10μF,16V
C6720	QEKJ1CM-106	E CAPACITOR	10μF,16V
C6721	NCB21HK-103X	CAPACITOR	0.01μF,50V
C6722	QEKJ1CM-106	E CAPACITOR	10μF,16V
C6723	NCB21HK-103X	CAPACITOR	0.01μF,50V

#	△ REF No.	PART No.	PART NAME, DESCRIPTION
C6727		NDC21HJ-470X	CAPACITOR 47pF,50V
C6728		NDC21HJ-470X	CAPACITOR 47pF,50V
C6729		NDC21HJ-8R0X	CAPACITOR 8pF,50V
C6730		NDC21HJ-1R0X	CAPACITOR 1pF,50V
L6701		QQL29BK-1R0Z	COIL 1μH
L6702		QQL29BJ-3R3Z	COIL 3.3μH
L6703		QQL29BJ-680Z	COIL 68μH
L6704		QQL29BK-1R0Z	COIL 1μH
L6705		QQL29BJ-221Z	COIL 220μH
LC6701		QQR0657-013	NOISE FILTER
X6701		QAX0443-001	CRYSTAL RESONATOR
BK1		LP40077-001A	BRACKET(BOARD)
CN6701		QGG2502K1-11	HEADER PIN,(1-11)MAIN

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**SPATIALIZER BOARD ASSEMBLY <24>**

PW1	LPA10022-01A	SPATIALIZER BOARD ASSY
IC2701	AN7395S	IC
Q2701	2SC4081/QRS/-X	TRANSISTOR
D2701	MTZJ10B	ZENER DIODE
R2701	NRSA02J-105X	MG RESISTOR 1MΩ,1/10W
R2702	NRSA02J-472X	MG RESISTOR 4.7kΩ,1/10W
R2703	NRSA02J-122X	MG RESISTOR 1.2kΩ,1/10W
R2705	NRSA02J-223X	MG RESISTOR 22kΩ,1/10W
R2706	NRSA02J-0R0X	MG RESISTOR 0Ω,1/10W
R2707	NRSA02J-101X	MG RESISTOR 100Ω,1/10W
R2708	NRSA02J-221X	MG RESISTOR 220Ω,1/10W
R2709	NRSA02J-223X	MG RESISTOR 22kΩ,1/10W
C2701	QEKJ1CM-106	E CAPACITOR 10μF,16V
C2702	QEKJ1CM-106	E CAPACITOR 10μF,16V
C2703	QEKJ0JM-226	E CAPACITOR 22μF,6.3V
C2704	QEKJ0JM-226	E CAPACITOR 22μF,6.3V
C2705	NCB21HK-563X	CAPACITOR 0.056μF,50V
C2706	NCB21HK-393X	CAPACITOR 0.039μF,50V
C2707	QEKJ1CM-106	E CAPACITOR 10μF,16V
C2708	QEKJ1CM-106	E CAPACITOR 10μF,16V
C2710	NCB21HK-103X	CAPACITOR 0.01μF,50V
C2711	NCB21HK-273X	CAPACITOR 0.027μF,50V
C2712	QEKJ1CM-106	E CAPACITOR 10μF,16V
C2713	QEKJ1CM-476	E CAPACITOR 47μF,16V
C2716	QEKJ1CM-476	E CAPACITOR 47μF,16V
CN2702	QGG2502K1-08	HEADER PIN,(1-8)MAIN

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**SW/DISPLAY BOARD ASSEMBLY <28>**

PW1	LPA10018-17A1	DISPLAY BOARD ASSY
IC7001	M35500BFP	IC
	or M35500AGP	IC
	or M35500BGP	IC
IC7002	PNA4652M00XB	IR DETECT UNIT
	or GP1U281X	IR DETECT UNIT
D7002	RD9.1ES/B2/-T2	ZENER DIODE
	or MTZJ9.1B	ZENER DIODE

#	△ REF No.	PART No.	PART NAME, DESCRIPTION
		or UZ9.1BSB	ZENER DIODE
D7005		1N4148M	DIODE
		or 1SS133	DIODE
D7010		SLR-342VC3F	LE DIODE
R7001		QRE141J-471Y	RESISTOR 470Ω,1/4W
R7002		QRE141J-471Y	RESISTOR 470Ω,1/4W
R7003		QRE141J-471Y	RESISTOR 470Ω,1/4W
R7004		QRE141J-471Y	RESISTOR 470Ω,1/4W
R7005		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7006		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7007		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7008		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7013		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7014		QRE141J-470Y	RESISTOR 47Ω,1/4W
R7015		QRE141J-0R0Y	RESISTOR 0Ω,1/4W
R7020		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7021		QRE141J-122Y	RESISTOR 1.2kΩ,1/4W
R7022		QRE141J-182Y	RESISTOR 1.8kΩ,1/4W
R7023		QRE141J-222Y	RESISTOR 2.2kΩ,1/4W
R7024		QRE141J-272Y	RESISTOR 2.7kΩ,1/4W
R7025		QRE141J-472Y	RESISTOR 4.7kΩ,1/4W
R7026		QRE141J-682Y	RESISTOR 6.8kΩ,1/4W
R7027		QRE141J-153Y	RESISTOR 15kΩ,1/4W
R7028		QRE141J-393Y	RESISTOR 39kΩ,1/4W
R7030		QRE141J-103Y	RESISTOR 10kΩ,1/4W
R7031		QRE141J-122Y	RESISTOR 1.2kΩ,1/4W
R7032		QRE141J-182Y	RESISTOR 1.8kΩ,1/4W
R7033		QRE141J-222Y	RESISTOR 2.2kΩ,1/4W
R7034		QRE141J-272Y	RESISTOR 2.7kΩ,1/4W
R7035		QRE141J-472Y	RESISTOR 4.7kΩ,1/4W
R7036		QRE141J-682Y	RESISTOR 6.8kΩ,1/4W
R7037		QRE141J-153Y	RESISTOR 15kΩ,1/4W
R7038		QRE141J-393Y	RESISTOR 39kΩ,1/4W
R7041		QRE141J-331Y	RESISTOR 330Ω,1/4W
C7001		QDVB1EZ-223Y	CAPACITOR 0.022μF,25V
C7002		QEK01HM-106	E CAPACITOR 10μF,50V
C7007		QEKJ1CM-476	E CAPACITOR 47μF,16V
C7008		QDVB1EZ-223Y	CAPACITOR 0.022μF,25V
C7009		QCSB1HJ-150	CAPACITOR 15pF,50V
C7010		QCFB1HZ-104	CAPACITOR 0.1μF,50V
C7011		QEKJ0JM-337	E CAPACITOR 330μF,6.3V
C7192		QCBB1HJ-681	CAPACITOR 680pF,50V
C7194		QCBB1HJ-681	CAPACITOR 680pF,50V
L7191		QRE141J-101Y	RESISTOR 100Ω,1/4W
L7192		QRE141J-101Y	RESISTOR 100Ω,1/4W
S7001		QSW0456-002Z	TACT SWITCH,POWER
S7002		QSW0456-002Z	TACT SWITCH,CH+
S7003		QSW0456-002Z	TACT SWITCH,CH-
S7004		QSW0456-002Z	TACT SWITCH,REC
S7005		QSW0456-002Z	TACT SWITCH,PAUSE
S7008		QSW0456-002Z	TACT SWITCH,DISPLAY
S7009		QSW0456-002Z	TACT SWITCH,SP/LP
S7010		QSW0456-002Z	TACT SWITCH,TIMER
S7011		QSW0456-002Z	TACT SWITCH,SPATIALIZER
S7012		QSW0456-002Z	TACT SWITCH,C.RESET
S7013		QSW0456-002Z	TACT SWITCH,ST BOX
S7014		QSW0456-002Z	TACT SWITCH,STOP/EJECT
S7015		QSW0456-002Z	TACT SWITCH,PLAY
DI7001		QLF0032-002	FL TUBE
HD1		PQ34668	FDP HOLDER(L),DI7001
HD2		PQ34669	FDP HOLDER(R),DI7001

REF No.	PART No.	PART NAME, DESCRIPTION
HD4	PQM30038-6	LED HOLDER,D7010
FW7001	QUM032-07A4A4	PARA RIBON WIRE
J7191	PEMC1009-04	PIN JACK,VIDEO IN
J7192	PEMC1010-03	PIN JACK(SW),AUDIO(L)IN
J7193	PEMC1010-02	PIN JACK(SW),AUDIO(R)IN
CN7001	QGF1208C1-12	FPC CONNECTOR,(1-12)MAIN
CN7191	QGF1207C1-05	FPC CONNECTOR,(3-7)MAIN

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**REC SAFETY BOARD ASSEMBLY <32>**

PW2	LPA10018-01B2	REC SAFETY BOARD ASSY
S7041	QSW0602-002	PUSH SWITCH

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**JACK BOARD ASSEMBLY <36>**

PW4	LPA10018-08B4	JACK BOARD ASSY
J7194	QND0009-001	S JACK,S VIDEO
CN7192	QGF1207F1-04	FPC CONNECTOR,(1-4)

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**JOG BOARD ASSEMBLY <37>**

PW3	LPA10018-01B3	JOG BOARD ASSY
UN7091	PEME0786-02	JOG SHUTTLE ASSY
CN7005	QGF1207F1-07	FPC CONNECTOR,(1-7)

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**LOADING MOTOR BOARD ASSEMBLY <55>**

PW2	LPA10010-01A2	L.MOTOR BOARD ASSY
CN1	QGB2533K1-02	CONNECTOR

# REF No.	PART No.	PART NAME, DESCRIPTION
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