



# VIDEO CASSETTE RECORDER

## SV-4000W



# **SERVICE** *Manual*

For mechanical disassembly and adjustment, refer to the "Mechanical Manual" (DX7-R/RC, DX8-R/RC → AC68-20316A).

### VIDEO CASSETTE RECORDER



### CONTENTS

1. Precautions
2. Reference Information
3. Product Specifications
4. Disassembly and Reassembly
5. Troubleshooting
6. Alignment and Adjustment
7. Exploded View and Parts List
8. Electrical Parts List
9. Block Diagrams
10. PCB Diagrams
11. Wiring Diagram
12. Schematic Diagrams

# 1. Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including : control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people--particularly children --might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (See Fig. 1) :  
Warning : Do not use an isolation transformer during this test. Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).
5. With the unit completely reassembled, plug the AC line cord directly the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including : antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.
6. X-ray Limits :  
The picture tube is designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original.

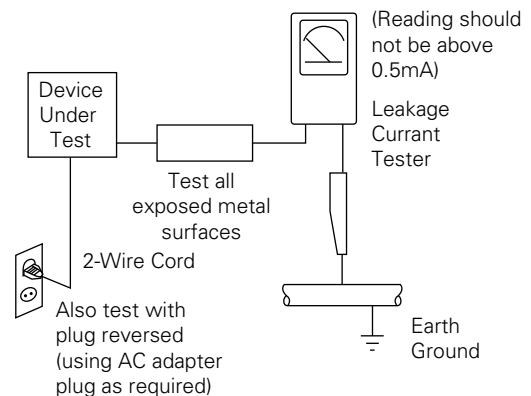




Fig. 1-1 AC Leakage Test

7. Antenna Cold Check :  
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.
8. High Voltage Limit :  
High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits.  
  
Heed the high voltage limits. These include the *X-ray protection Specifications Label*, and the *Product Safety and X-ray Warning Note* on the service data schematic.
9. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
10. Immediately before handling sny semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging Wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)

11. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
12. Design Alteration Warning :  
Never alter or add to the mechanical or electrical design of this unit. Example : Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
13. Hot Chassis Warning :  
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.  
  
To confirm that the AC power plug is inserted correctly, do the following : Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.
14. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, *regardless of the AC plug polarity*. These units can be safely serviced *only* if an isolation transformer inserted between the receiver and the power source.
15. Never defeat any of the B+ voltage interlocks.  
Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
16. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.
17. Observe the original lead dress, especially near the following areas : Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
18. Picture Tube Implosion Warning :  
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.
19. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
20. Product Safety Notice :  
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.  
  
Components that are critical for safety are indicated in the circuit diagram by shading, (  or  ).  
Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

## 2. Reference Information

### 2-1 Servicing Jigs and Special Tools

#### 2-1-1 Servicing guide

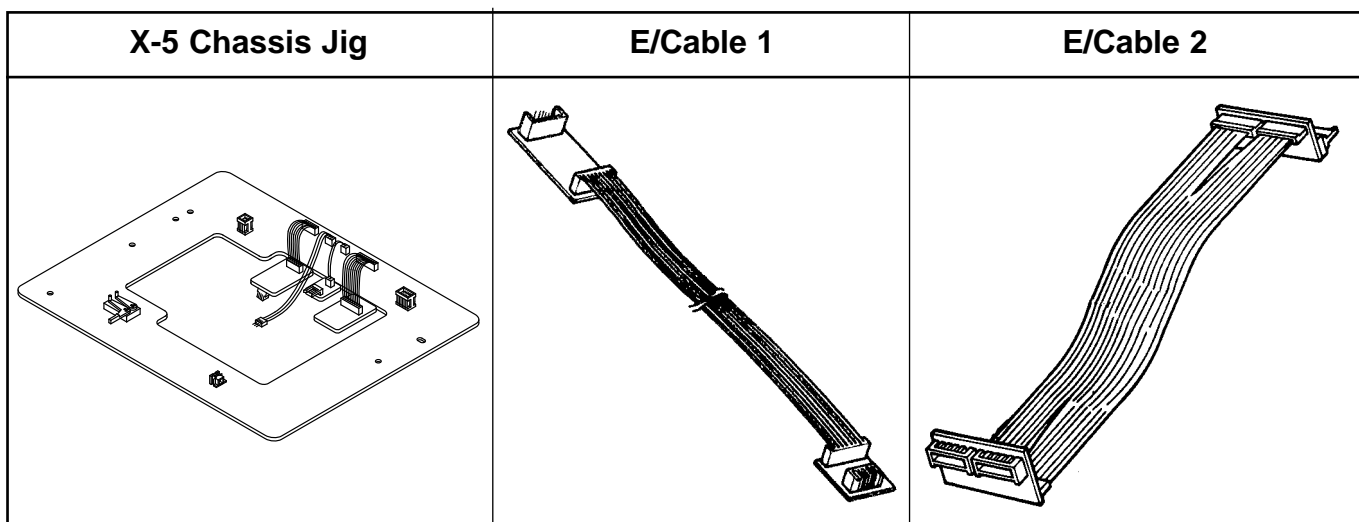
1. For this VCR chassis, the program switch and the sensors (start/end/reel) are located on the main PCB, not on the deck ass'y.
2. As long as the deck ass'y is connected to the main PCB, all repairs are possible.  
Important : In order to repair the main PCB without the deck ass'y connected, the X-5 chassis jig should be used.
3. To emulate the function of the sensors, connect a jumper or solder land (two point) at service option(W750) on the timer PCB. Be sure not to operate function key within 6 seconds.
4. The X-5 chassis jig can be used for the following :
  - 1) When repairing or confirming the operation of the deck ass'y.
  - 2) When replacing or repairing the components located under the deck ass'y.
  - 3) When repairing the function PCB.
5. The X-5 chassis jig can not be used for the following :
  - 1) Repairing defects in the video section.
  - 2) Repairing defects in the audio section.
  - 3) If the defect is related to tape speed.

**Note :**

- 1) Repair may not be possible if there is external noise between the deck ass'y and main PCB.
- 2) If tape control signal is not connected to the jig, the VCR must be operated in SP mode.

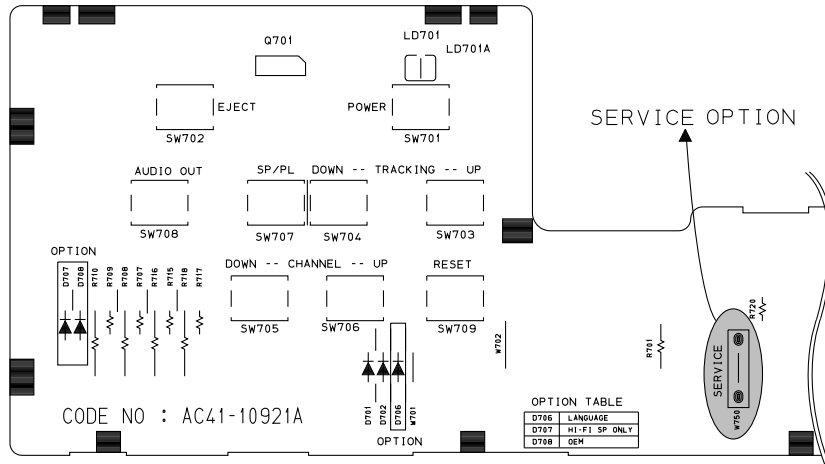
#### 2-1-2 Servicing Jig

Jig Item	Part No.	Use
X-5 Chassis Jig	68140-500-013	Connects the deck ass'y to the main PCB connecting cable.
E/Cable 1	68140-300-105	Use for ASS'Y SMPS (CN01) ↔ ASS'Y MAIN (CN101) connecting cable.
E/Cable 2	68140-500-104	Use for ASS'Y TIMER (CN703, CN704) ↔ ASS'Y JOINT (CN8J01, CN8J02)



### 2-1-4 How to Connect X-5 chassis jig

1. Unplug the power cord from AC outlet.
2. Remove the deck ass'y from main PCB (See Page 4-5 of service manual).
3. To emulate the function of the sensors, place a jumper or solder land (two point) at service option(W750) on the timer PCB. Be sure not to operate function key within 6 seconds. (see diagram below).

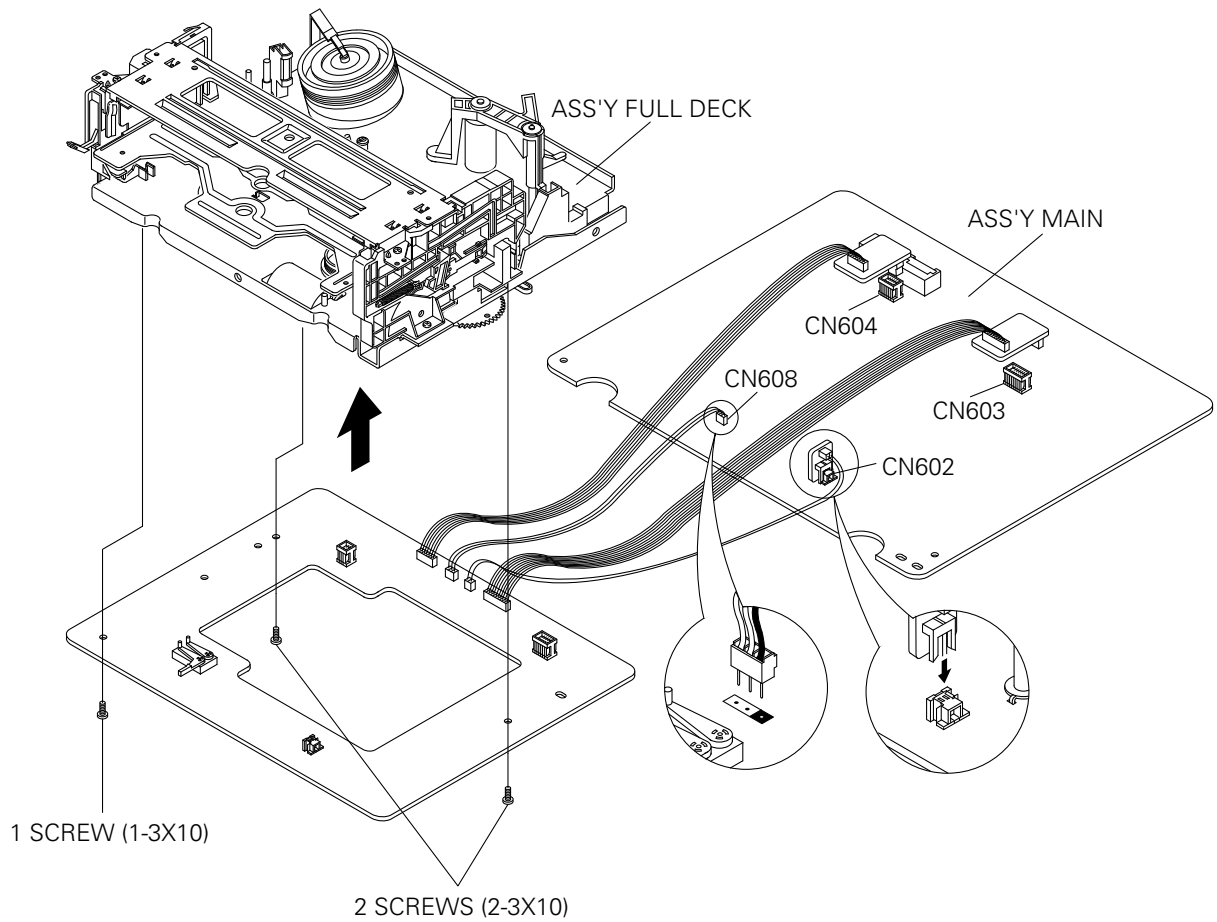
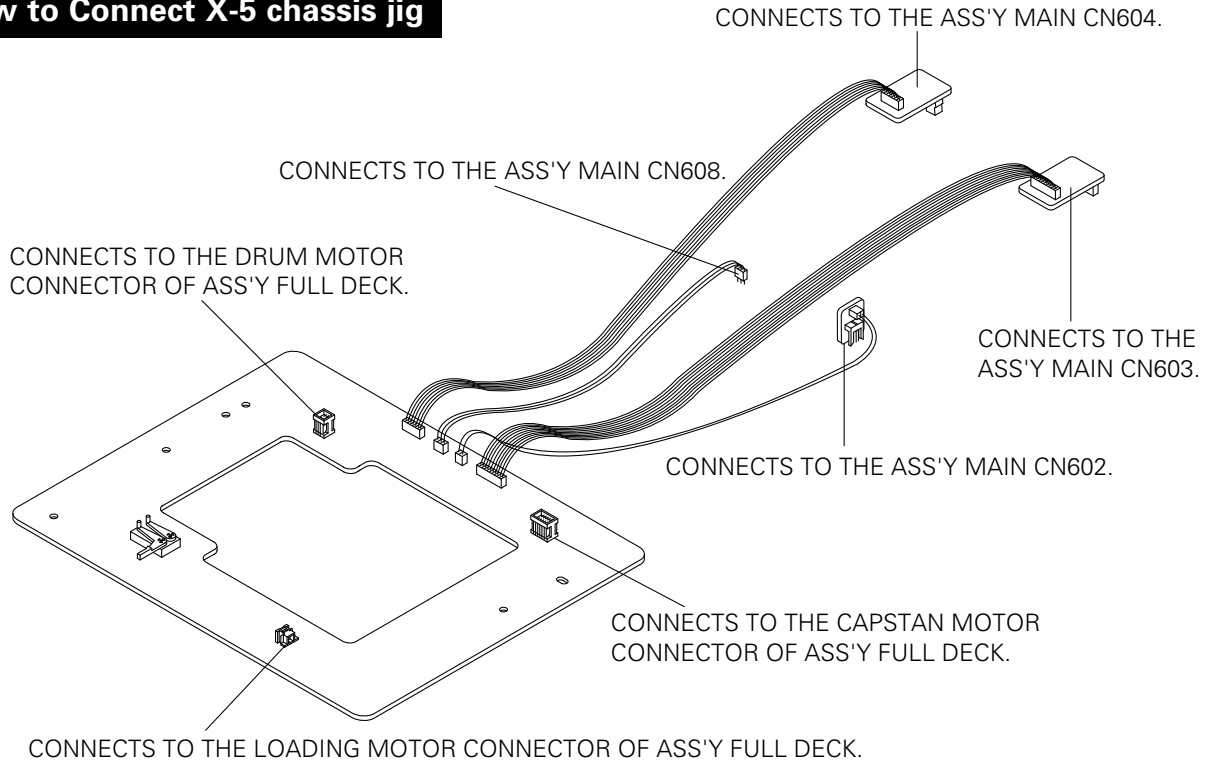


Function-Timer (Conductor side)

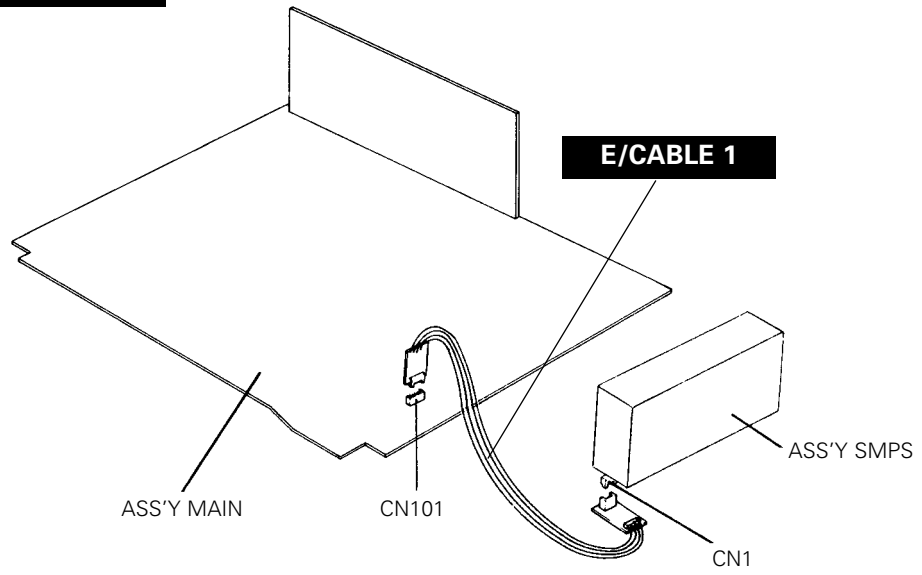
**Note :** After completing repairs, turn power off in order to reset.

4. Insert wafers of drum motor, capstan motor and loading motor on X-5 chassis jig into each of the connectors of deck ass'y, and then secure with three screws.
5. Solder the 3 leads of the jig cable to "CN608" on the main PCB.
6. Apply power to the function PCB.
7. Insert a test tape into the housing ass'y.
8. Simultaneously touch the start and end sensor LEDs on the PCB, so that the tape loads automatically. After the tape is loaded, all of the function buttons on the function PCB can be used.
9. If the test tape is ejected while the jig is in use, attempt to re-load the tape by simultaneously touching the start and end sensor LEDs. If the tape still does not load, turn power off in order to reset.

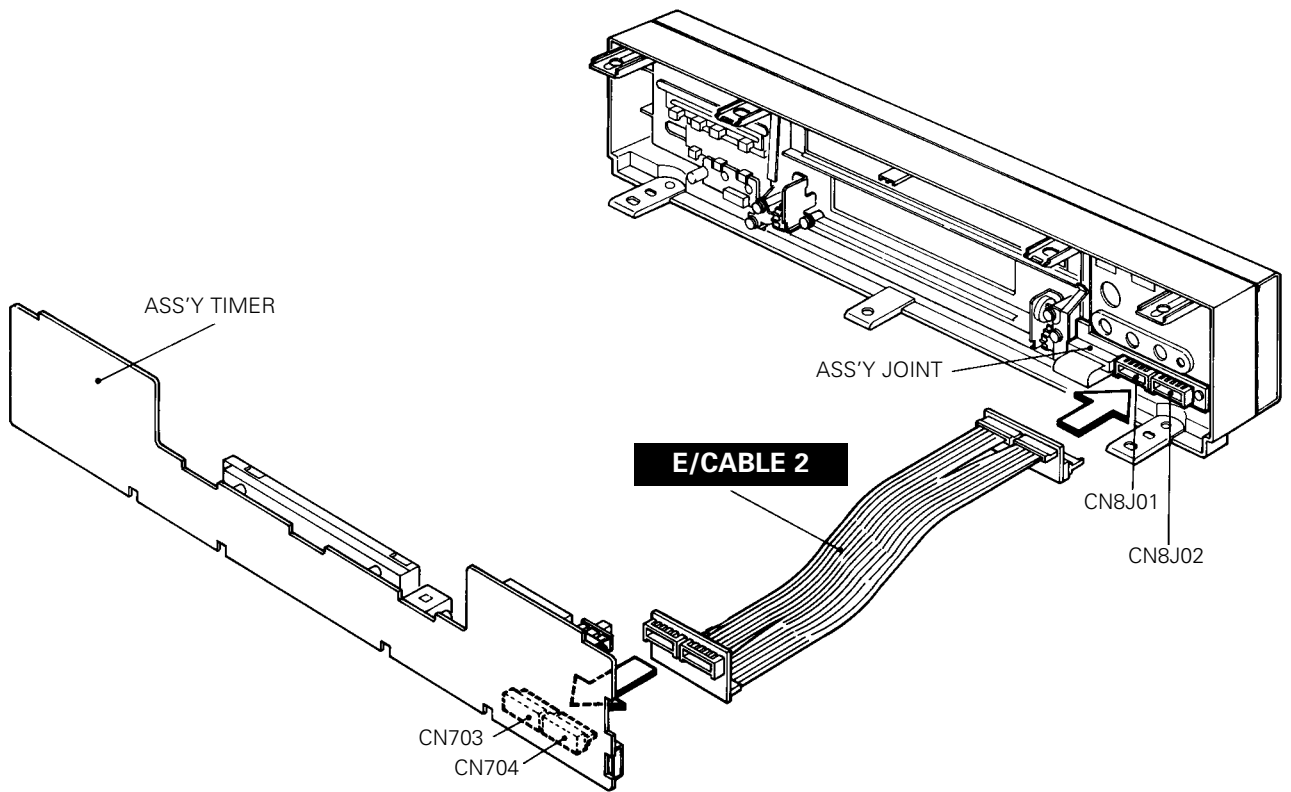
### How to Connect X-5 chassis jig



### How to Connect E/Cable 1



### How to Connect E/Cable 2



### 3. Product Specifications

Design and specifications are subject to change without notice.

Operation	Description	
Recording system	Rotary head azimuth recording, luminance signal FM recording system	
	Crominance signal down converted phase shift recording system (NTSC, PAL, PAL-M)	
	Chrominance signal down converted direct recording system (MESECAM)	
	Chrominance signal 1/4 frequency countdown direct recording system (SECAM)	
Color system	NTSC3.58, NTSC4.43, PAL, PAL-M, PAL-N, SECAM	
Tuning system	B/G, D/K, I, M, N	
RF out	Splitter type (without RF converter)	
Tape recording/playback	NTSC, PAL, PAL-M, SECAM, MESECAM	
Tape speed	NTSC	33.35mm/sec (standard recording)
	PAL-M	16.375mm/sec (when playing the double speed recording tape)
		11.12mm/sec (three times recording)
	PAL	23.39mm/sec (standard recording)
	MESECAM	11.69mm/sec (double speed recording)
SECAM		
Tape format	VHS tyep video tape, S-VHS type video type (playback only)	
Recording time	Maximum 8 hours (with a T-160 tape)	
Rewinding time	within 3 minutes (High speed rewinding, T-120 or E-180 tpae)	
Video input	1.0Vp-p (Unbalanced) 75 Ω	
Video output	1.0Vp-p (Unbalanced) 75 Ω	
Video S/N	Above 43dB (standard recording)	
Resolution	Above 220 (standard recording NTSC), 240 (standard recording PAL)	
Audio input	-8dBm	
Audio output	-6dBm (Hi-Fi), -7dBm (Mono)	
Audio S/N	Above 39dB (Mono), 68dB (Hi-Fi)	
Audio frequency	20Hz-20KHz (Hi-Fi standard recording)	
characteristics	100Hz-10KHz (standard recording NTSC)	
	100Hz-8KHz (standard recording PAL), 100Hz-8KHz (SLP, LP)	
Rated voltage	100V~240V AC	
Rated frequency	50/60Hz	
Power consumption	ARP. 26watts on recording; 8 watts off	
Working ambient temperature	41°F-104°F (5°C-40°C)	
Installation conditions	Operation position : Horizontal, Relative humidity : Below 80%	
Outside dimensions	Width 17.8 inches X Length 13.0 inches X Height 3.4 inches	
Weight	13.2 lbs	

# MEMO

---

## 4. Disassembly and Reassembly

---

### 4-1 Cabinet Assembly

---

**Note :** Disassemble in the order shown.  
Reassemble in reverse order.

#### 4-1-1 Panel-Side L/R and Cabinet Top removal

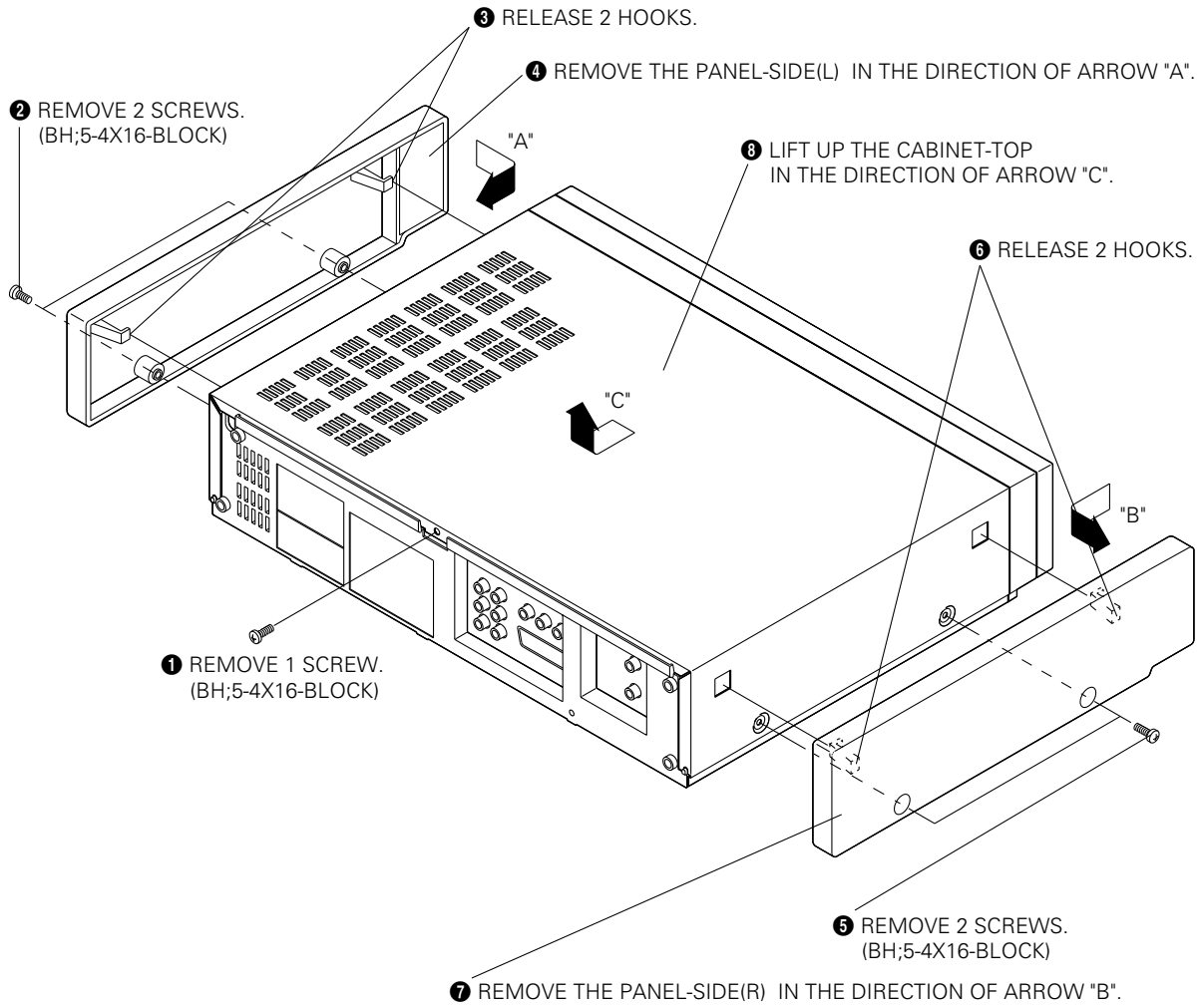


Fig. 4-1 Cabinet Top removal

### 4-1-2 Bottom cover removal

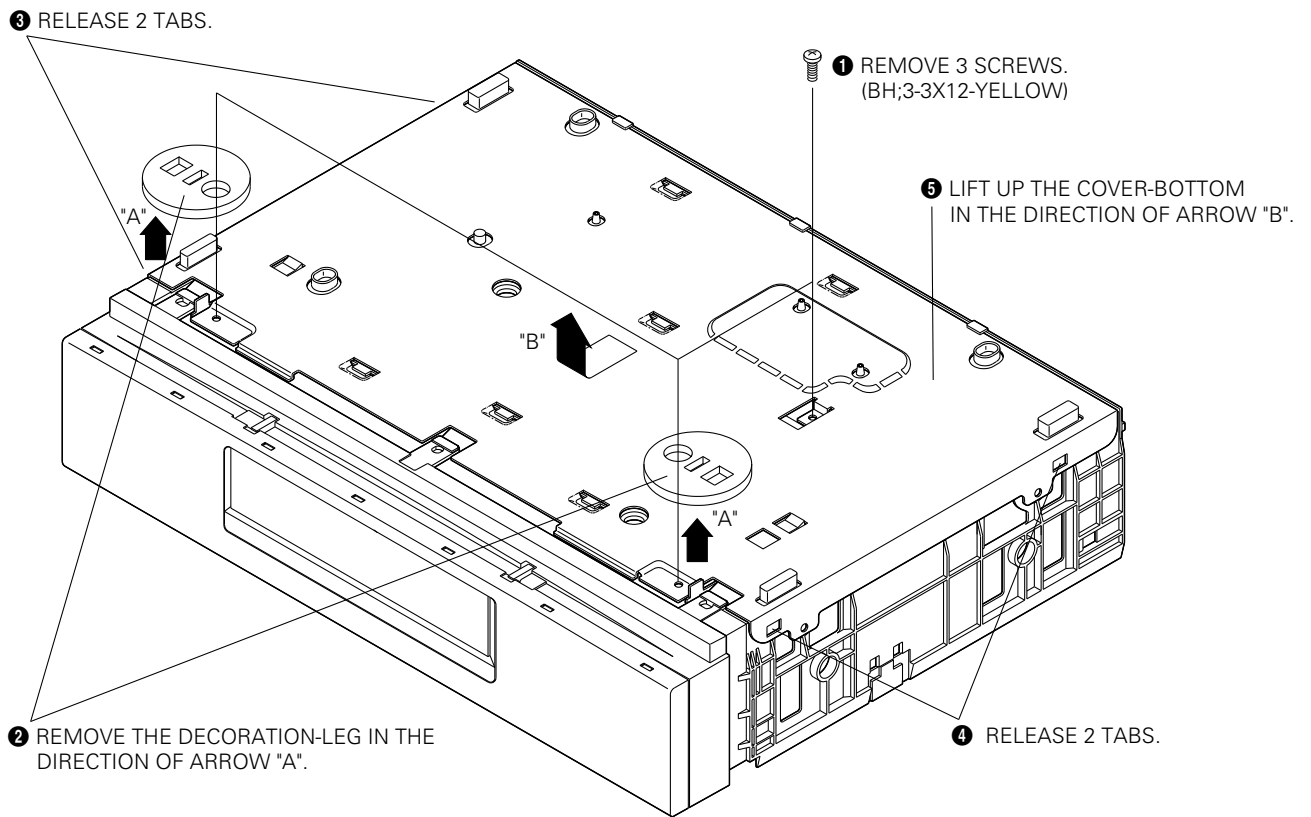
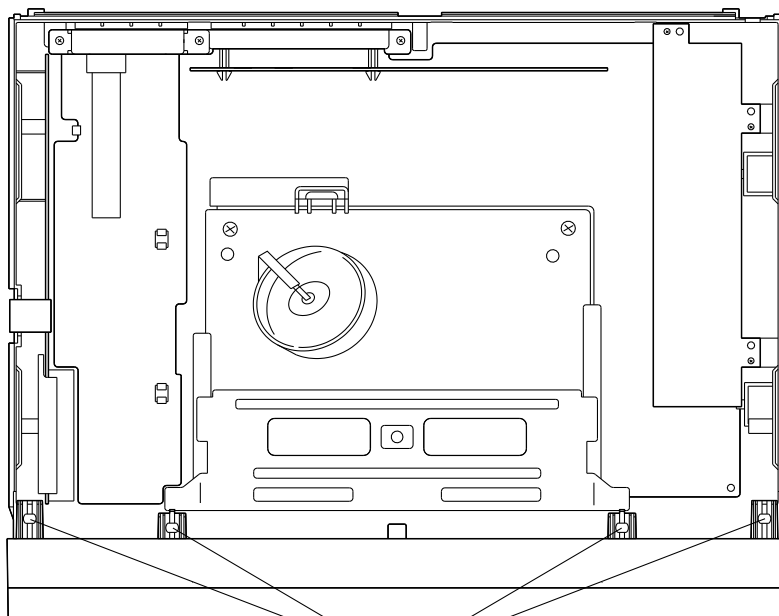


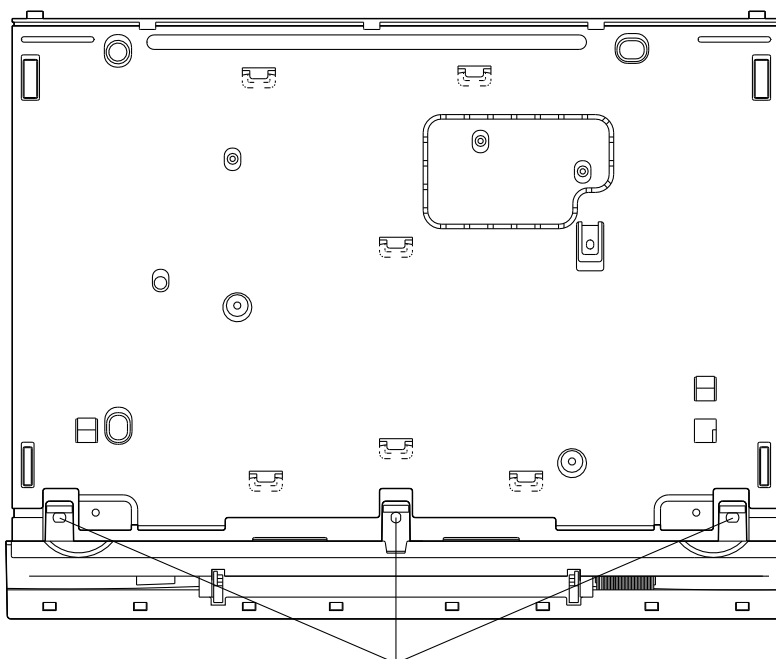
Fig. 4-2 Bottom Cover removal

### 4-1-3 Ass'y Front Panel removal



❶ RELEASE 4 HOOKS.

(Top view)



❷ RELEASE 3 HOOKS.

(Bottom view)

Fig. 4-3 Ass'y Front Panel removal

#### 4-1-4 Ass'y Function removal

**Note :** Take extreme care not to damage the PCB when removing it.

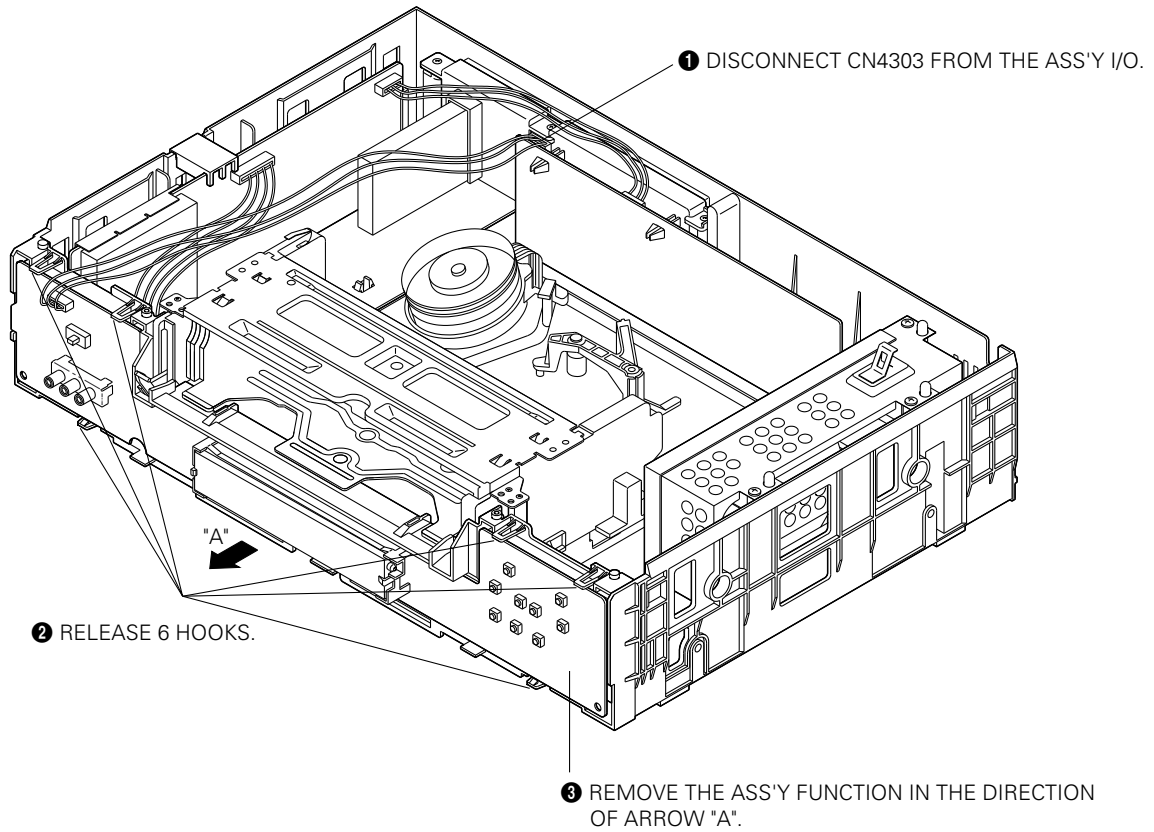


Fig. 4-4 Ass'y Function-Timer removal

### 4-1-5 Ass'y Full Deck removal

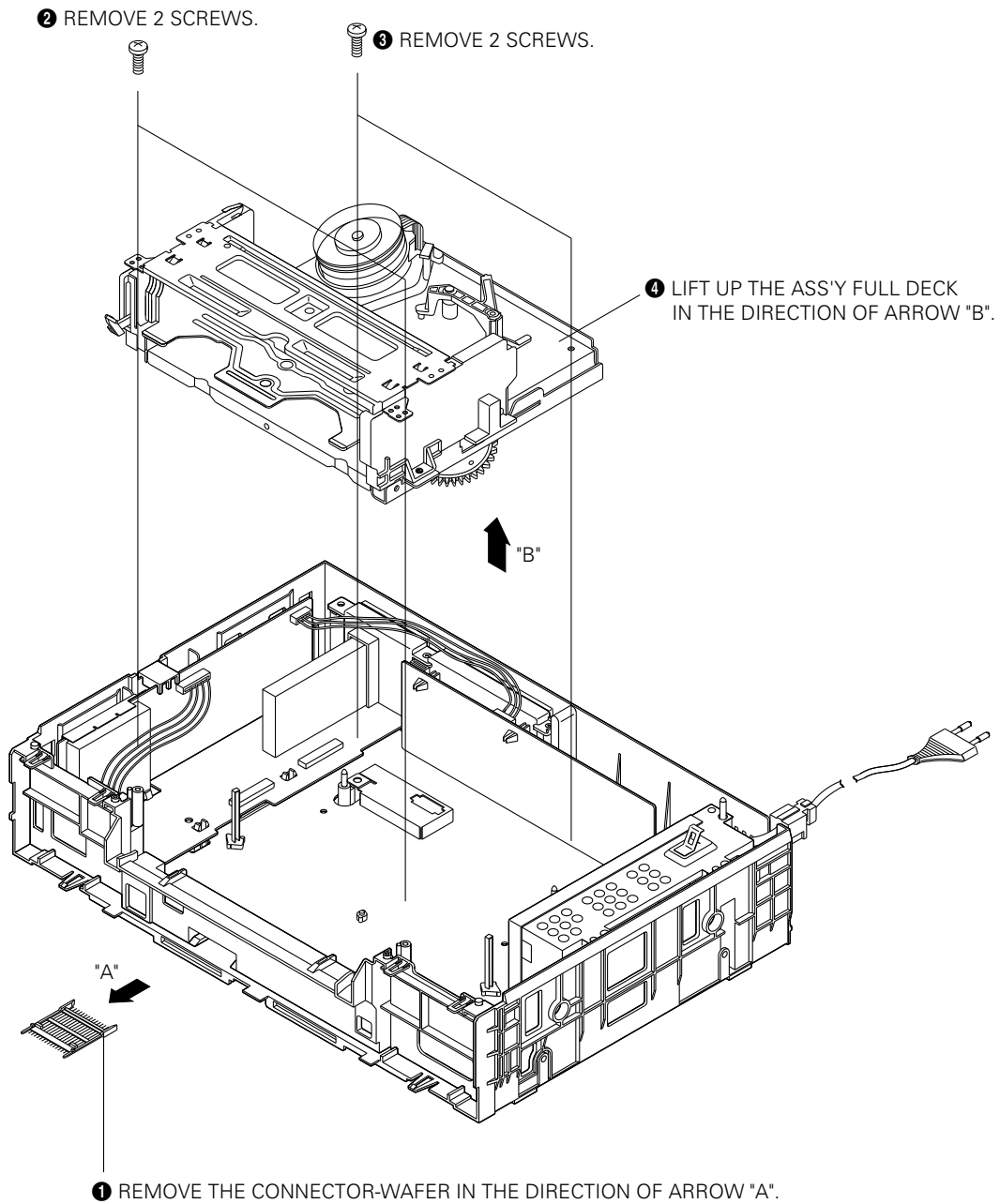


Fig. 4-5 Ass'y Full Deck removal

### 4-1-6 Ass'y SMPS removal

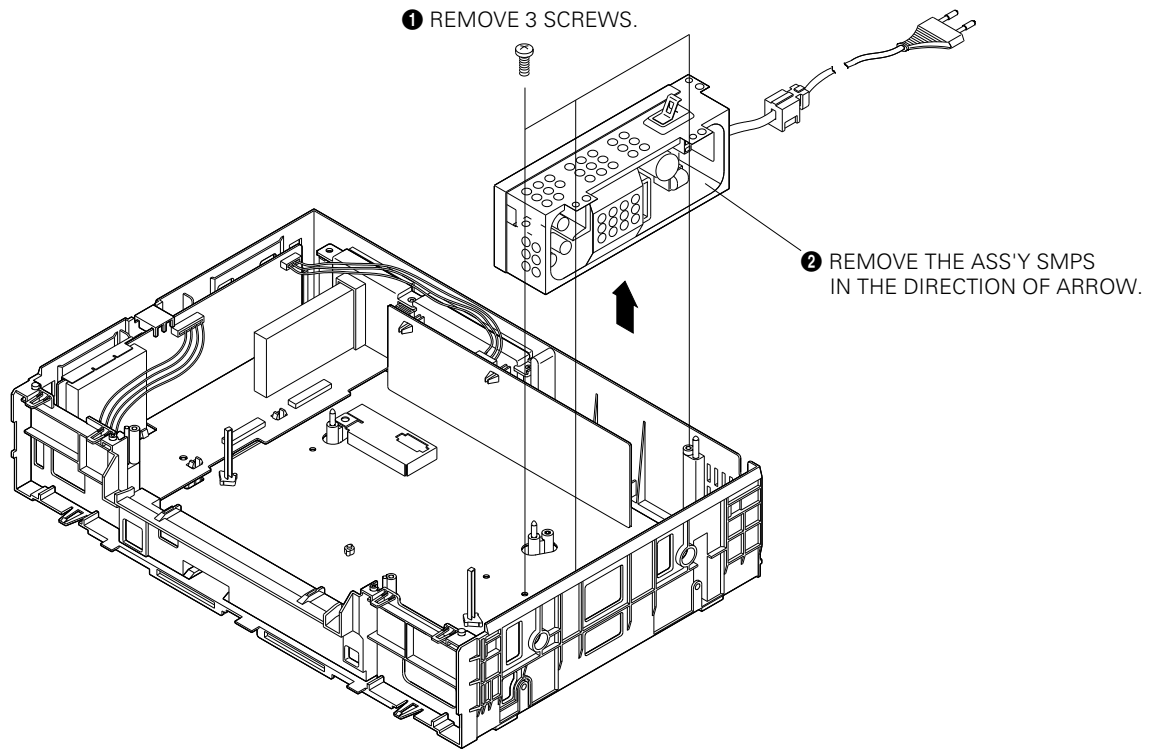


Fig. 4-6 Ass'y SMPS removal

### 4-1-7 Ass'y Digital removal

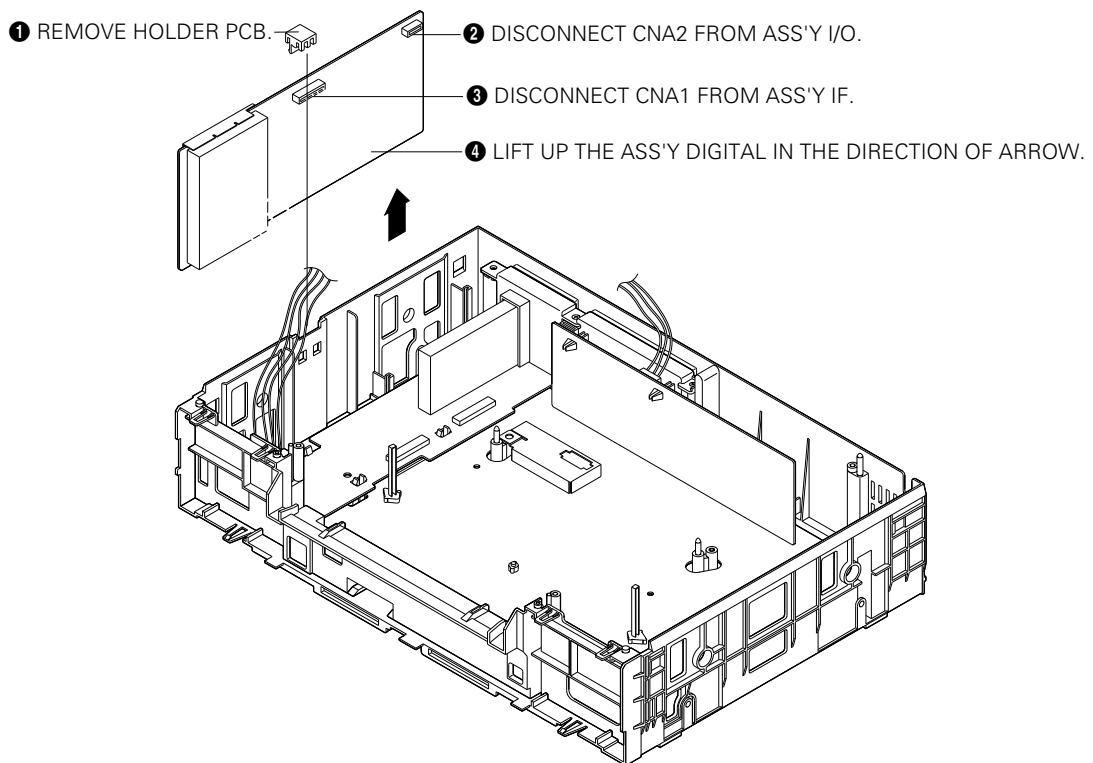


Fig. 4-7 Ass'y Digital removal

### 4-1-8 Ass'y IF removal

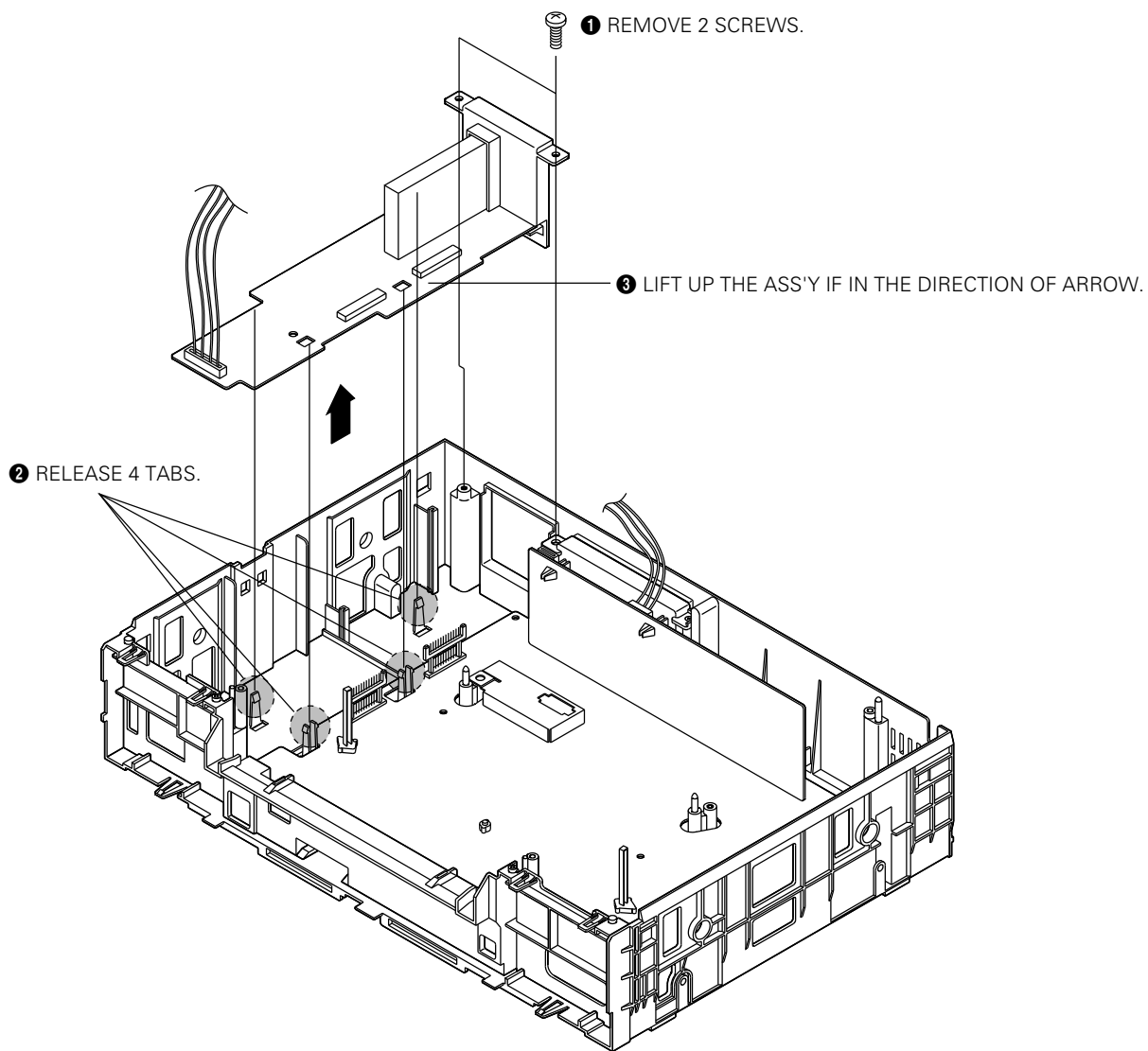


Fig. 4-8 Ass'y IF removal

### 4-1-9 Ass'y Main removal

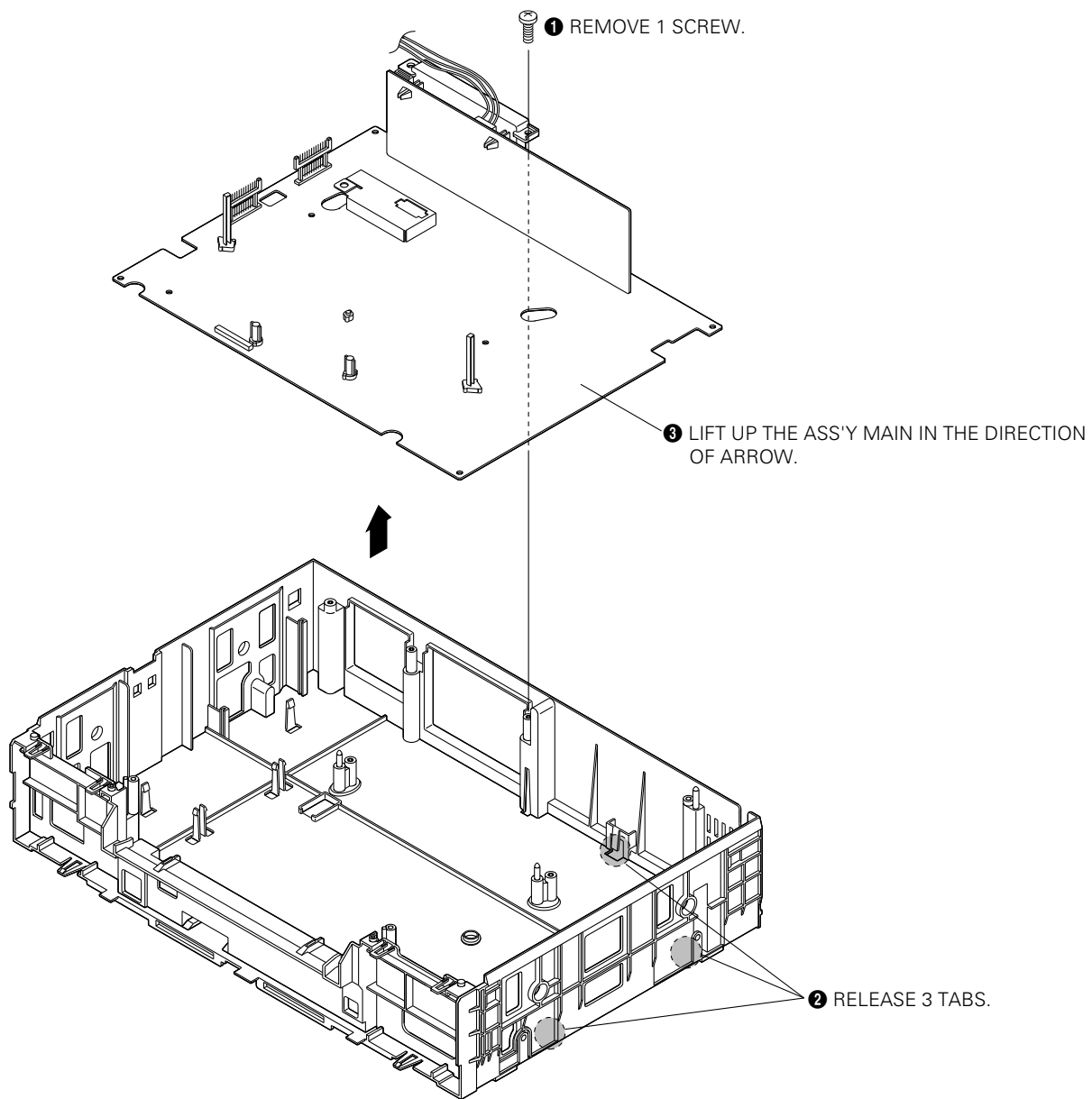


Fig. 4-9 Ass'y Main removal

## 4-2 Circuit Board Locations

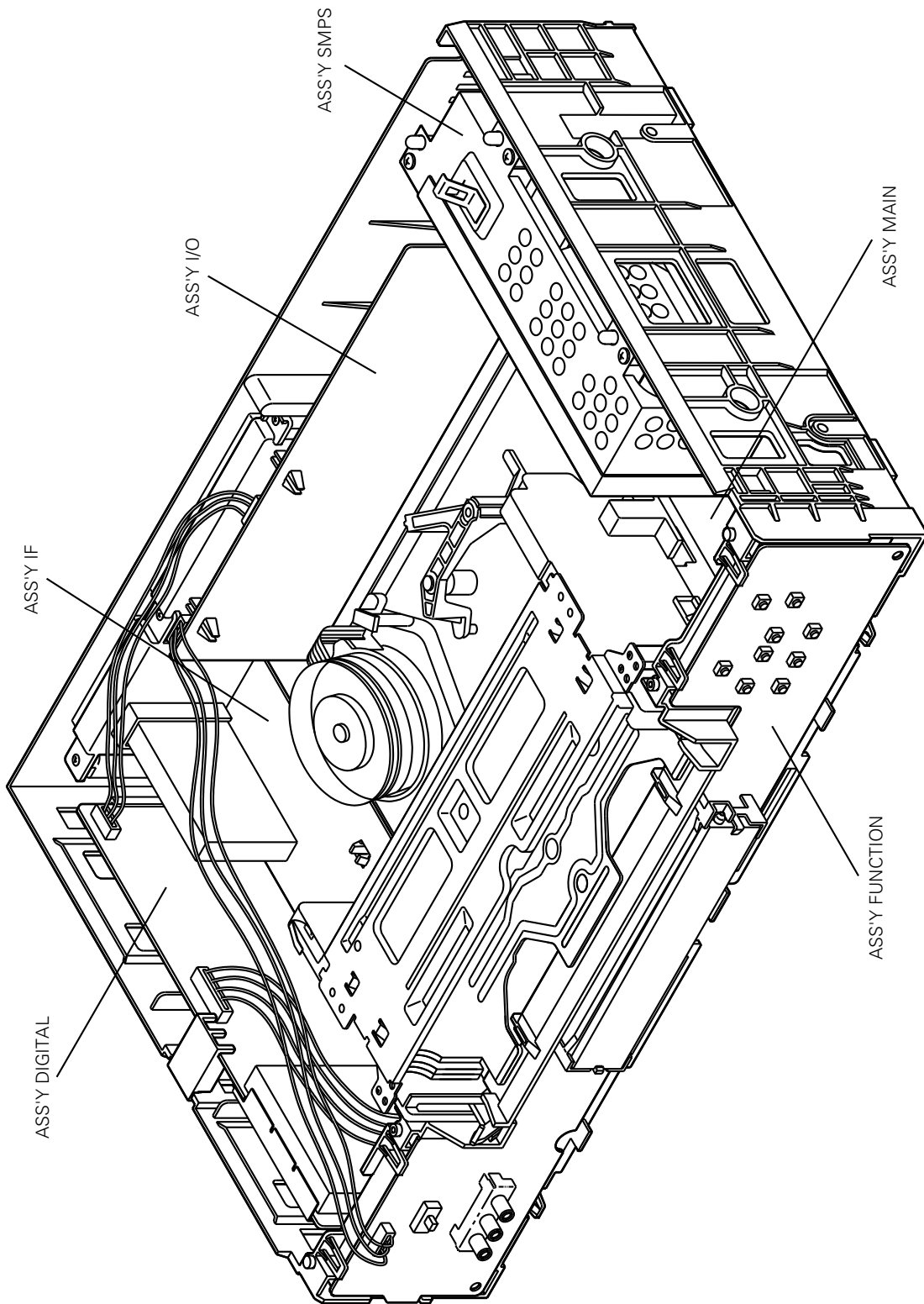


Fig. 4-10 Circuit Board Locations

# MEMO

## 6. Alignment and Adjustment

**Note :** After replacing the ass'y full deck, the ass'y main, the cylinder ass'y and the micom(IC601), the remote control ass'y can be used to adjust the "X-point (tracking center) adjustment" and "Head S/W point" adjustment.

### 6-1 Reference

#### 6-1-1 The type of remote control ass'y

The remote control ass'y of SV-4000W unit.

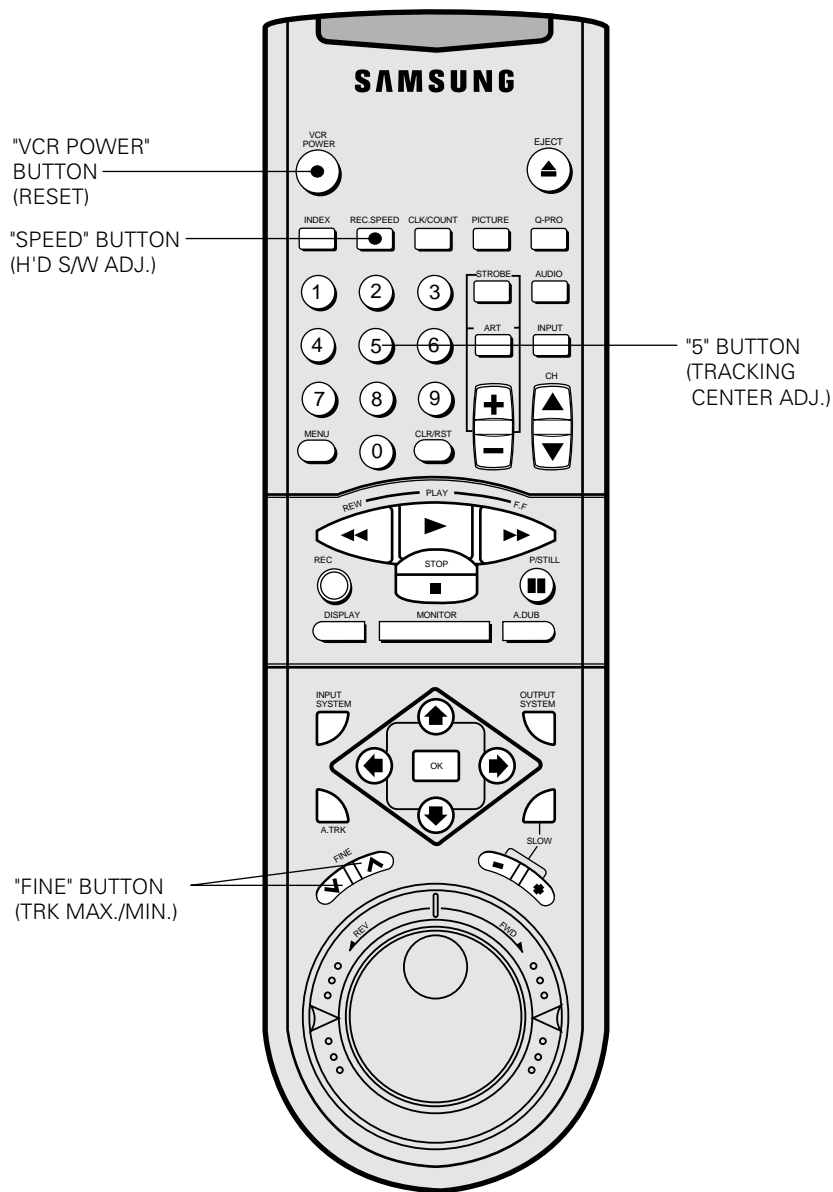


Fig. 6-1 Remote control ass'y of SV-4000W unit

## 6-2 Mechanical Adjustment

**Note :** Refer to the Mechanical Manual “DX7-R/DX7-RC/DX8-R/DX8-RC (AC68-20316A)” for the adjustment and confirmation of ass’y full deck.

### 6-2-1 The number and position of test point

Test point : TP02 (CTL Pulse)  
TP01 (H'D S/W -Trigger)  
TP03 (V. Envelope)

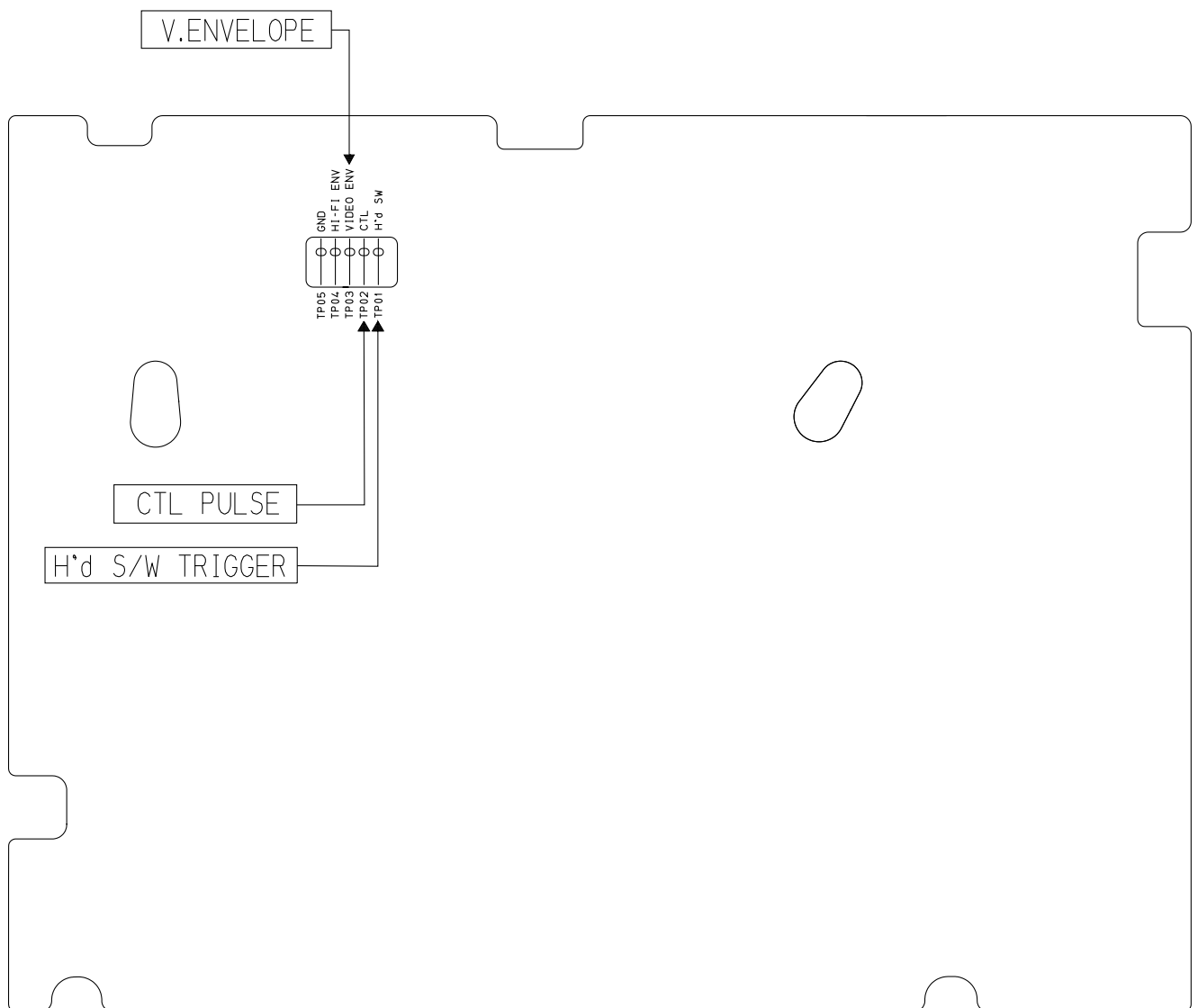


Fig. 6-2 The position of test point (Main PCB-Component side)

**6-2-2 X-Point(Tracking center) adjustment  
(See the 2-2-1 (d) AC HEAD  
POSITION(X-POINT) ADJUSTMENT  
on page 2-3 of the mechanical  
manual)**

6-2-2 (a) IF THE REMOTE CONTROL ASS'Y IS NOT AVAILABLE

1. Playback the color bar alignment tape.
2. Connect CH-1 scope probe to "TP02" and CH-2 scope probe to "TP01". And then, trigger head switching pulse.
3. Set tracking preset to 11msec (2head : 2.7msec, 4, 6head : 11msec) using the "FINE(Tracking, TRK)" button ▲ / ▼ of the other remote control ass'y except the remote control ass'y jig for X-5/ X-6 chassis and the normal remote control ass'y for X-7/X-8 chassis.
4. Connect CH-1 scope probe to "TP02" and the CH-2 to "TP01" trigger on CH-1.
5. Insert the adjusting driver (+) into X-position adjusting gear. Adjust the driver in either direction for maximum envelope waveform.

**Note :** Since the adjusting gear unit may be damaged, do not adjust by force when adjusting the X-point using the adjusting driver (+). After turn the X-point adjusting screw (D) counterclockwise a little, perform the adjustment. After adjustment is completed, tighten the screw.

<Setting of scope>

- Volt/div. : CH-1 = 0.1V                      - Time/div. : 5msec  
                  CH-2 = 0.2V

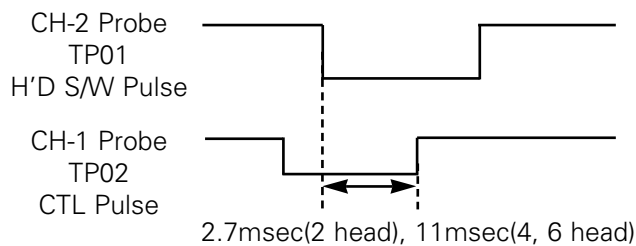


Fig. 6-3 Tracking preset adjustment

REMOTE BUTTONS	CONTROL PULSE REMOVE
TRACKING ▲ ← PUSH ▼	
TRACKING ▲ ▼ ← PUSH	

Fig. 6-4 Tracking preset adjustment

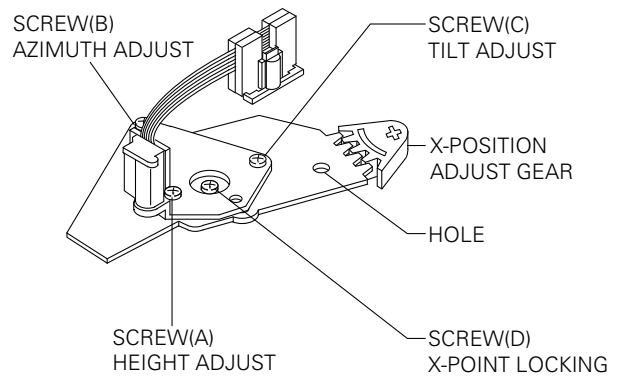


Fig. 6-5 Location of A/C Head adjustment screw

6-2-2 (b) IF THE REMOTE CONTROL ASS'Y (SV-4000W UNIT) IS AVAILABLE

1. Connect a jumper or solder land (2 point) at service option (W750) on the timer PCB.
2. Press the No. 5 (Tracking center) button within 6 seconds of remote control ass'y.
3. Adjust it with FINE ▲(Tracking max.)/▼(Tracking min.) button of remote control ass'y.
4. After completing repairs, turn power off in order to reset.

## 6-3 Electrical Adjustment

### 6-3-1 Servo Adjustment

#### 1. Head S/W

**Note :** Only remote control ass'y can adjust.

- 1) Connect a jumper or solder land (2 point) at service option (W750) on the timer PCB.
- 2) Press the speed button within 6 seconds Head S/W adjustment is operated automatically.
- 3) After completing repairs, turn power off in order to reset.

### 6-3-2 RF Adjustment

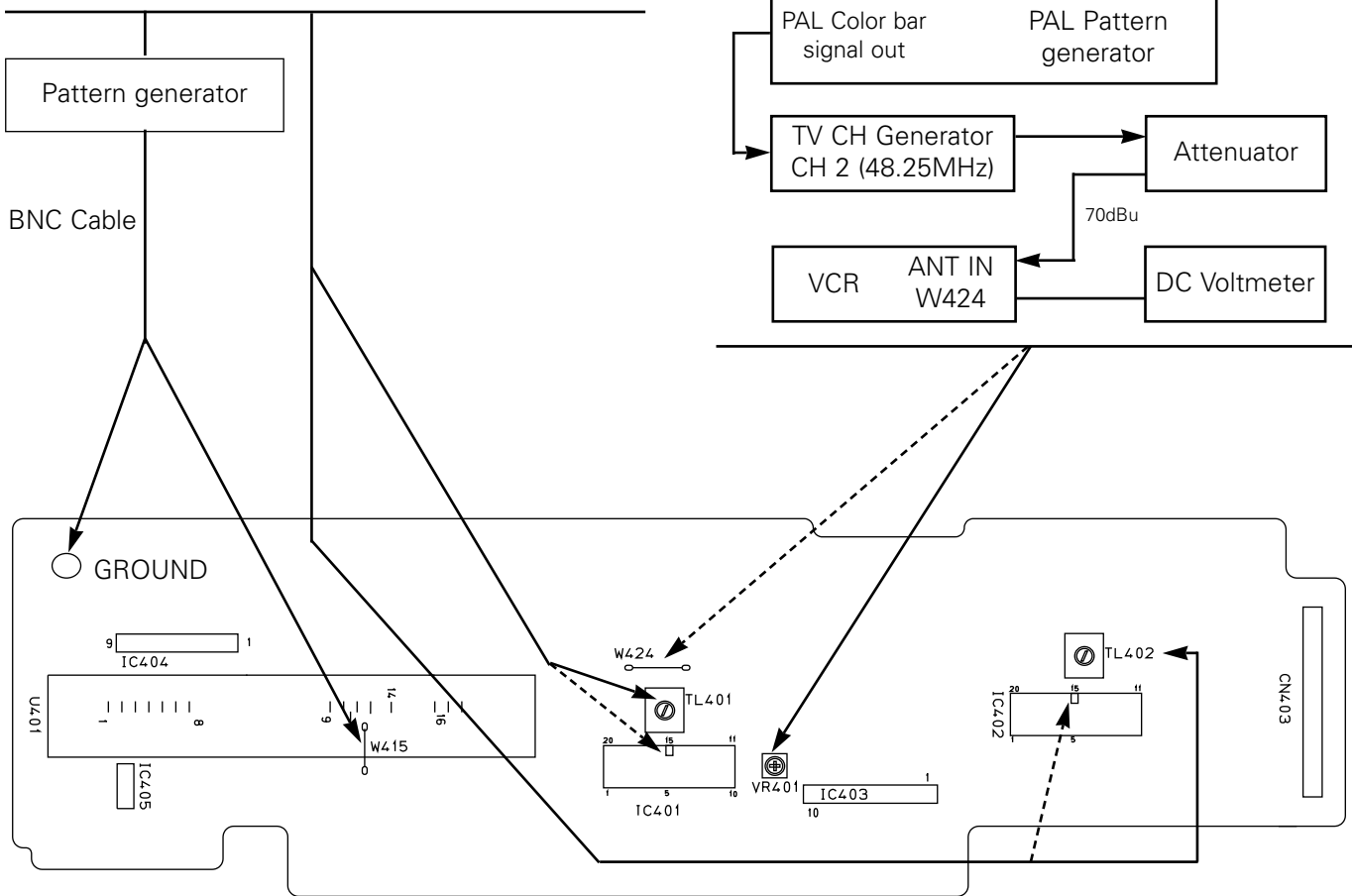
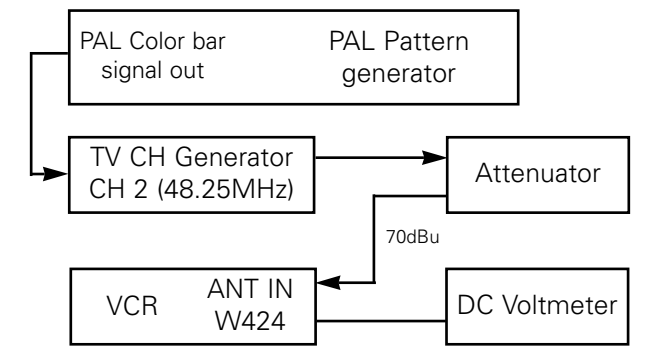
#### 1. AFT

- 1) Apply 38.9MHz (90dbu) to W415 connected TM Block (U401) pin 12 with pattern generator.
- 2) Connect voltmeter to the pin 15 of IC401.
- 3) Adjust TL401 for  $DC2.6 \pm 0.1V$ .
- 4) Connect voltmeter to the pin 15 of IC402
- 5) Adjust TL402 for  $DC2.6 \pm 0.1V$ .

#### 2. AGC

- 1) Receive CH2 (48.25MHz, 70dBu:B/G) with TV CH generator at E-E mode.
- 2) Connect DC voltmeter to W424
- 3) Adjust VR401 for  $DC4.3 \pm 0.2V$ .

#### \* Composition for RF AGC adjustment

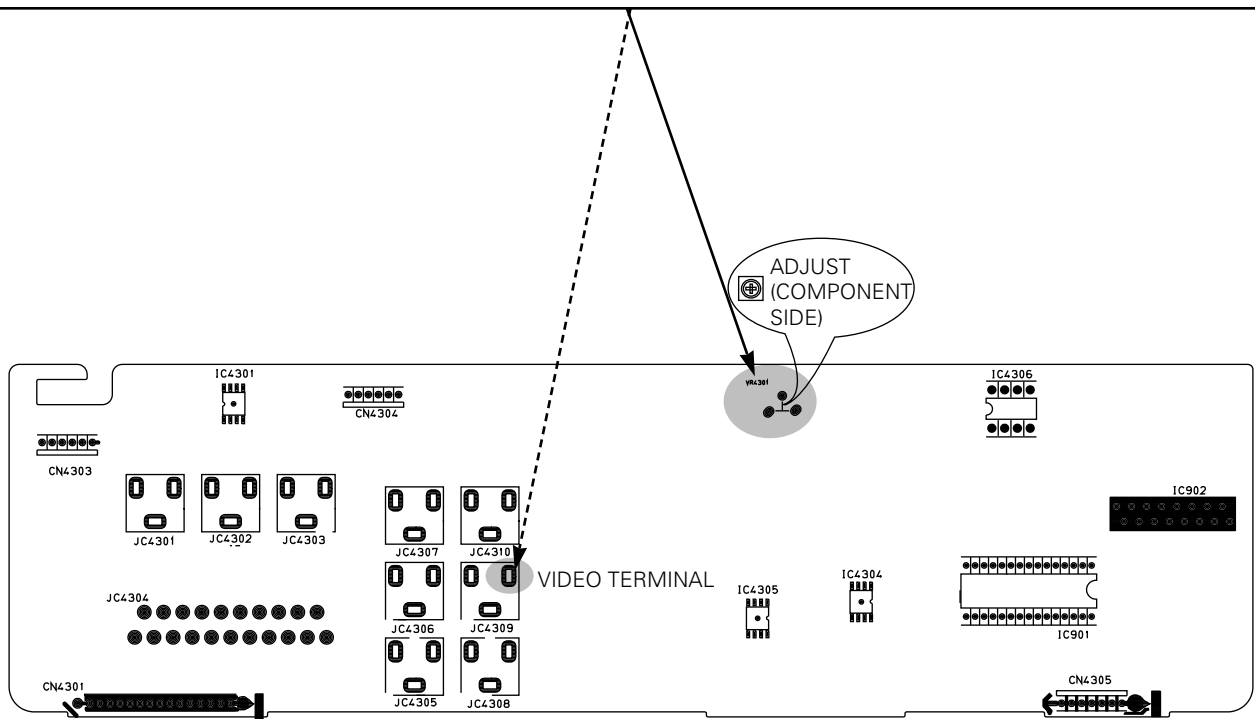
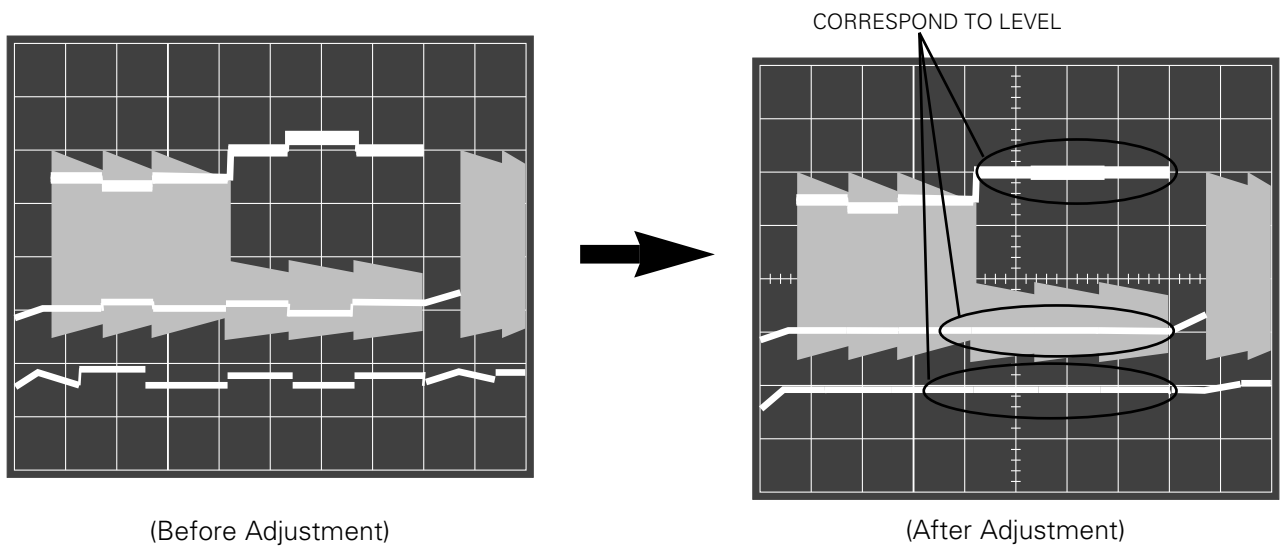


IF PCB (Component side)

### 6-3-3 Video Adjustment

#### 1. NTSC Skew

- 1) Load the instrument with an alignment tape and playback the color bar signal(NTSC SP color bar tape).
- 2) Connect channel-1 scope probe (1V/div, 50 $\mu$ s/div.).
- 3) Connect channel-2 scope probe to video terminal of JC4309 (I/O PCB).
- 4) Set the VCR to RPS (Reverse picture search) or FPS (Forward picture search) mode.
- 5) Adjust VR4301 (I/O PCB) so that the 100% white and pedestal is as flat as possible.



Main PCB (Conductor Side)

### 6-3-4 Digital Adjustment

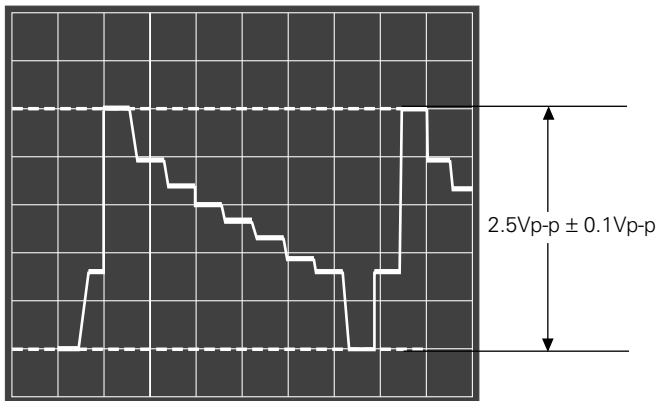
**Note :** 1. Be sure to adjust in due order.

2. The output mode selection key is on the Ass'y Front Panel.

3. See page 6-9 for the location of test points and adjustments.

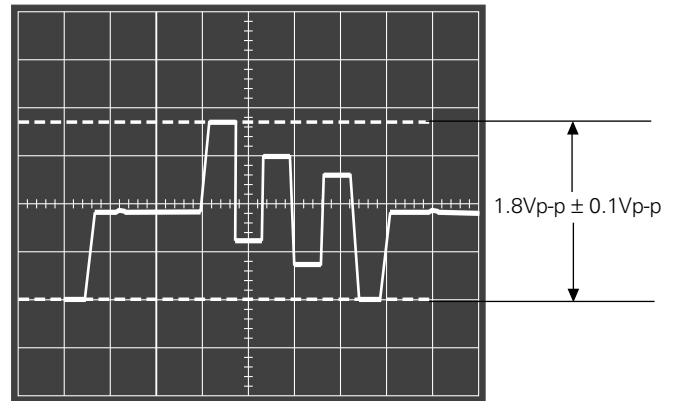
#### 1. W-Y

- 1) Apply PAL color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "THROUGH".
- 3) Connect channel-1 oscilloscope probe to TPA9.
- 4) Adjust VRA3 for  $2.5V_{p-p} \pm 0.1V_{p-p}$ .



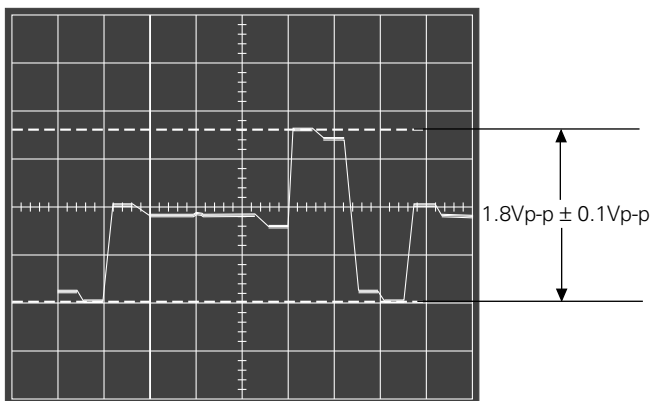
#### 2. W-(B-Y)

- 1) Apply PAL color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "THROUGH".
- 3) Connect channel-1 oscilloscope probe to TPA10.
- 4) Adjust VRA4 for  $1.8V_{p-p} \pm 0.1V_{p-p}$ .



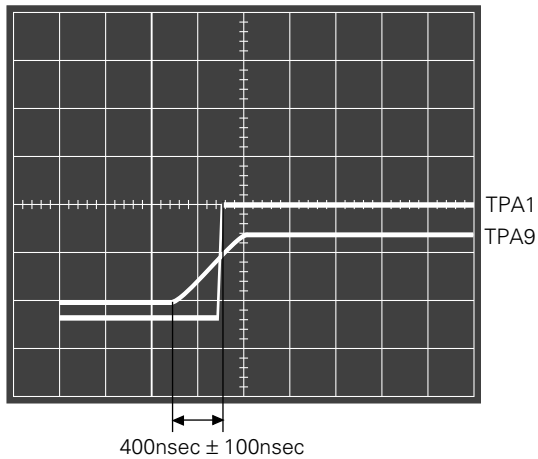
#### 3. W-(B-Y)

- 1) Apply PAL color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "THROUGH".
- 3) Connect channel-1 oscilloscope probe to TPA11.
- 4) Adjust VRA5 for  $1.8V_{p-p} \pm 0.1V_{p-p}$ .



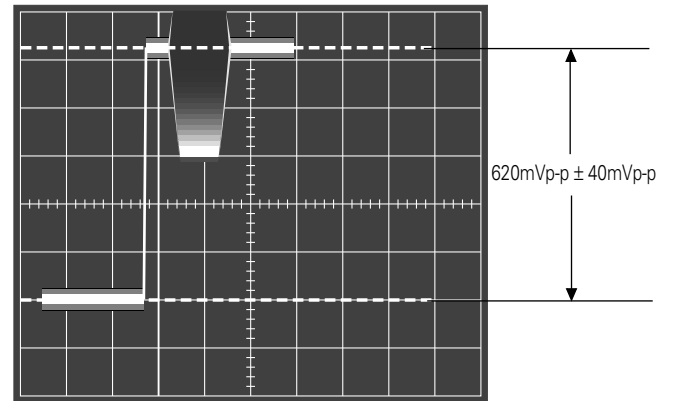
#### 4. WR-SYNC

- 1) Apply PAL color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "THROUGH".
- 3) Connect channel-1 oscilloscope probe to TPA9 (50mV, 200nsec).  
Connect channel-2 oscilloscope probe to TPA1 (200mV, 200nsec).
- 4) Adjust VRA8 for  $400\text{nsec} \pm 100\text{nsec}$ .



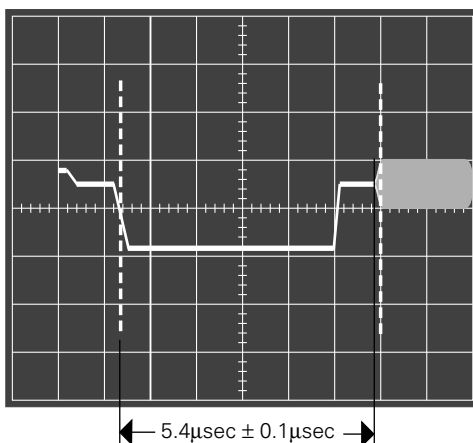
#### 5. SYNC Suppress

- 1) Apply NTSC color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "PAL".
- 3) Connect channel-1 oscilloscope probe to TPA12.
- 4) Adjust VRA1 for  $620\text{mVp-p} \pm 40\text{mVp-p}$ .



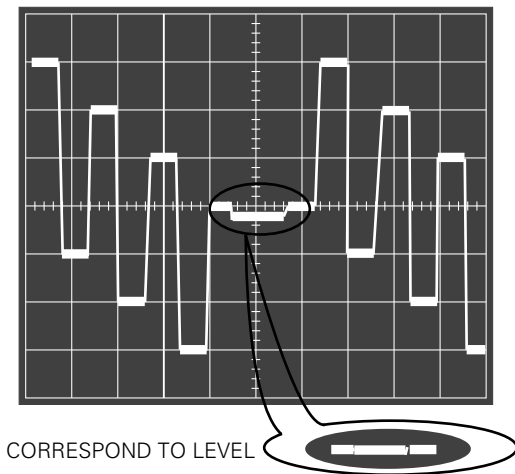
#### 6. Burst Phase

- 1) Apply NTSC color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "PAL".
- 3) Connect channel-1 oscilloscope probe to TPA12.
- 4) Adjust VRA2 for  $5.4\mu\text{sec} \pm 0.1\mu\text{sec}$ .



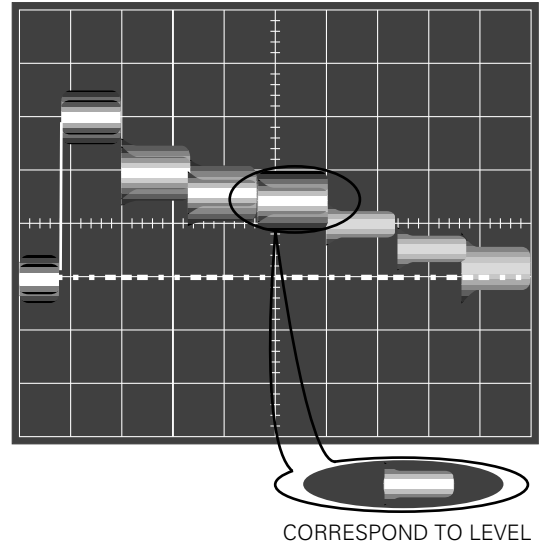
7. Clolor Balance

- 1) Apply NTSC color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "PAL".
- 3) Connect channel-1 oscilloscope probe to TPA15.
- 4) Adjust VRD1 so that waveforms are aligned as shown below.



8. SECAM Freq.

- 1) Apply PAL color bar signal to the video jack on the rear panel.
- 2) Select output mode selection key to "SECAM".
- 3) Connect channel-1 oscilloscope probe to TPA12.
- 4) Adjust VRA6 so that waveforms are aligned as shown below.

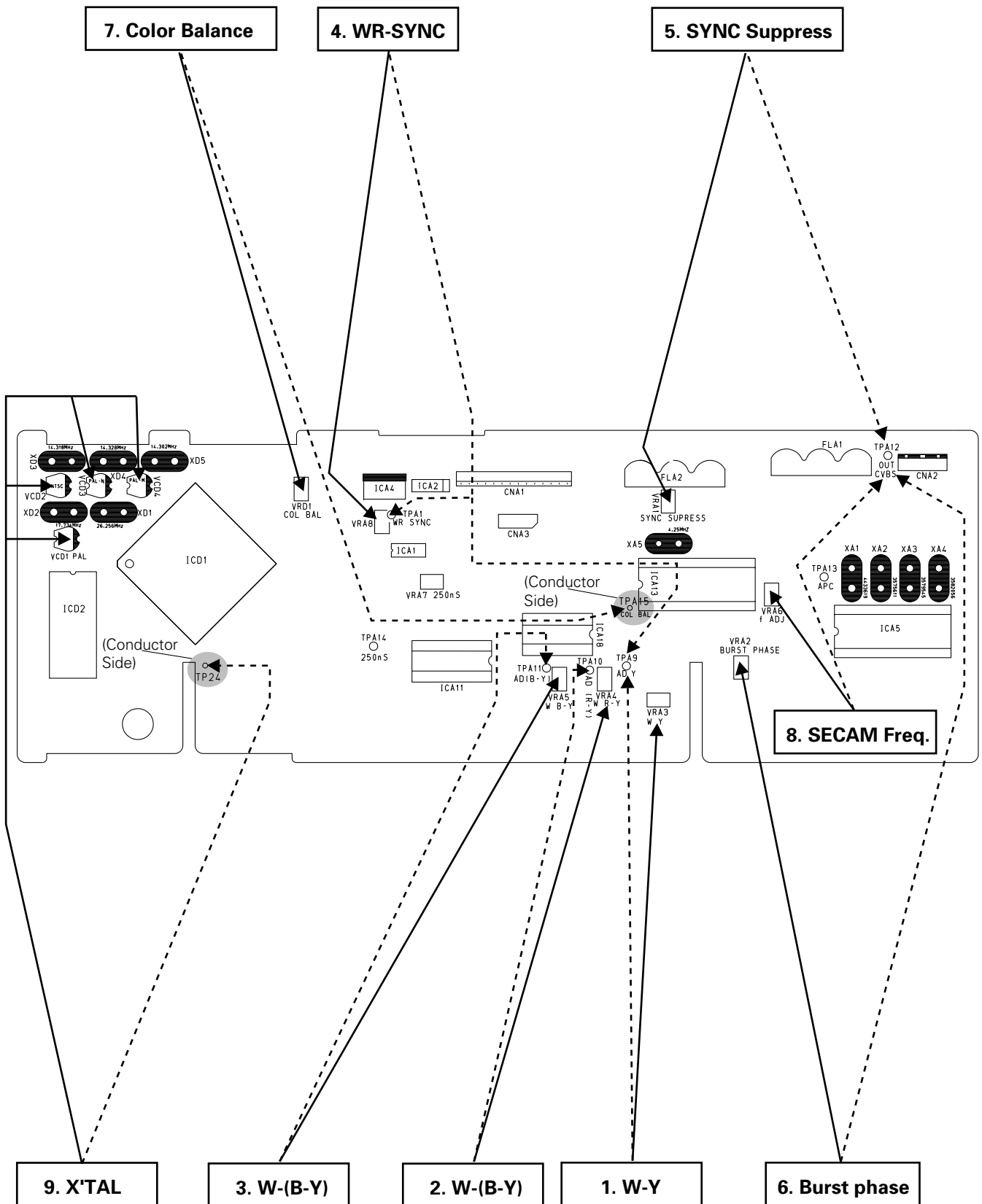


9. X'TAL

- 1) Apply PAL color bar signal to the video jack on the rear panel.
- 2) Connect the frequency counter to TP24.
- 3) Select output mode selection key to "PAL".
- 4) Adjust VCD1 for 4.433619MHz  $\pm$  25Hz.
- 5) Select output mode selection key to "NTSC".
- 6) Adjust VCD2 for 3.579545MHz  $\pm$  25Hz.
- 7) Select output mode selection key to "PAL-N".
- 8) Adjust VCD3 for 3.582056MHz  $\pm$  25Hz.
- 9) Select output mode selection key to "PAL-M".
- 10) Adjust VCD4 for 3.575611MHz  $\pm$  25Hz.

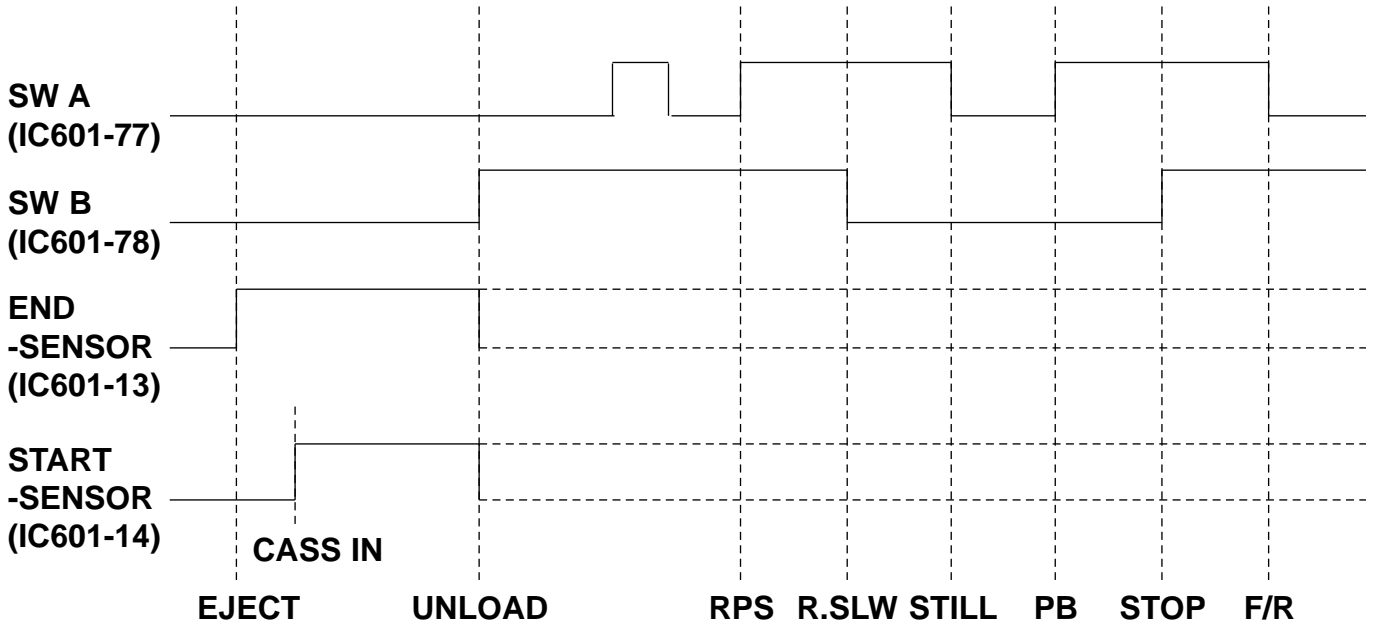
No.	Input	Output	Adjust Point	Specification
1	PAL Color bar	PAL	VCD1	4.433619MHz $\pm$ 25Hz
2	PAL Color bar	NTSC	VCD2	3.579545MHz $\pm$ 25Hz
3	PAL Color bar	PAL-N	VCD3	3.582056MHz $\pm$ 25Hz
4	PAL Color bar	PLA-M	VCD4	3.575611MHz $\pm$ 25Hz

◆ Test point and adjustment point



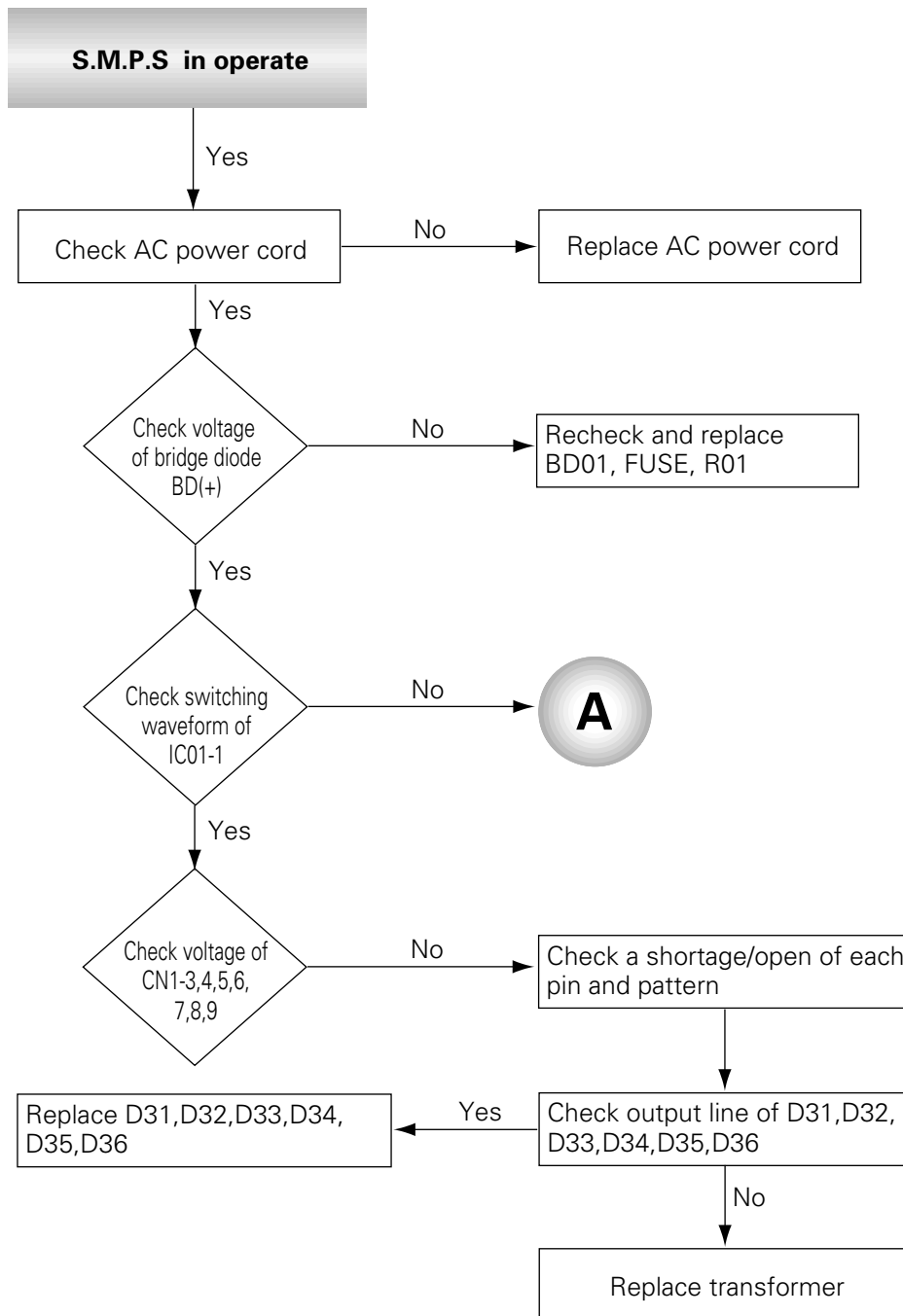
Digital PCB (Component side)

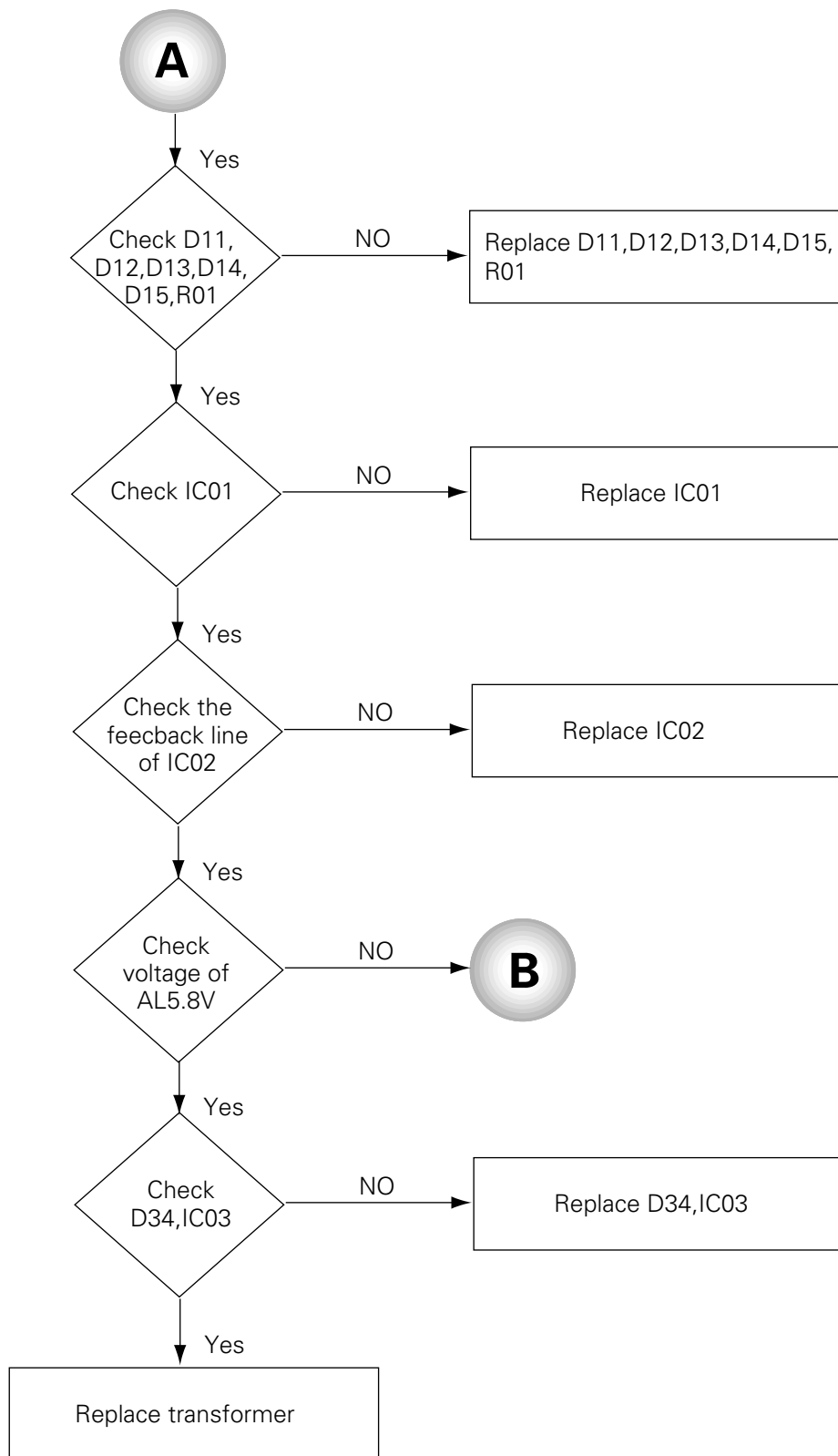
### 6-4 Timing Chart of Program S/W

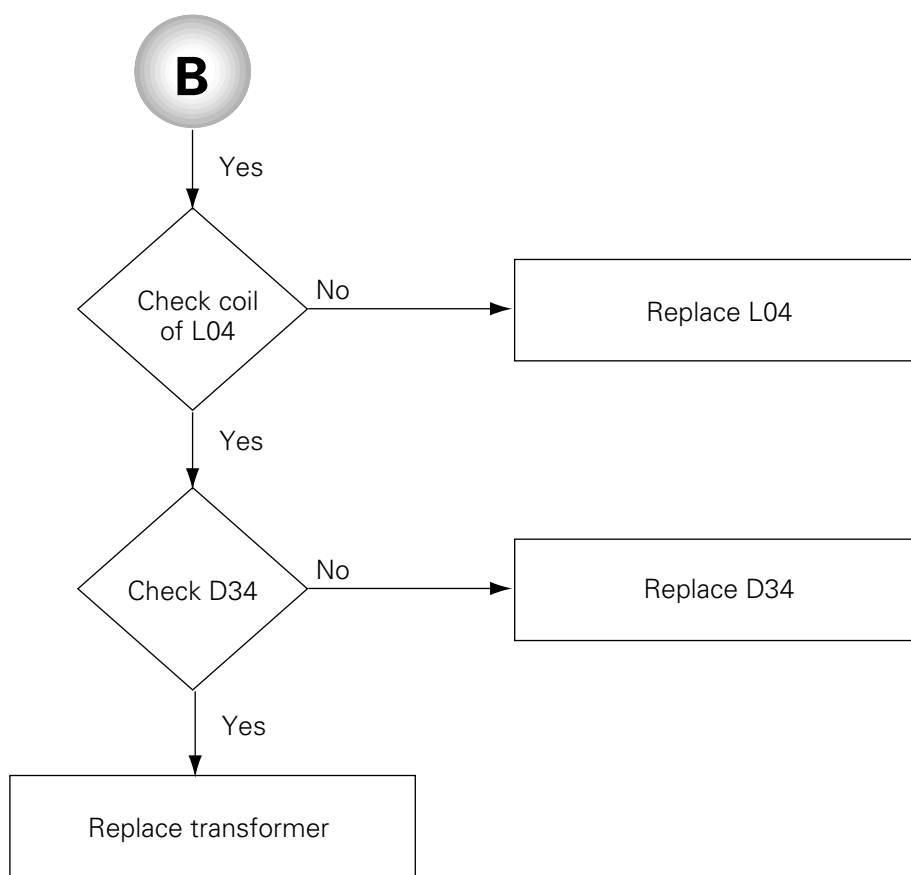


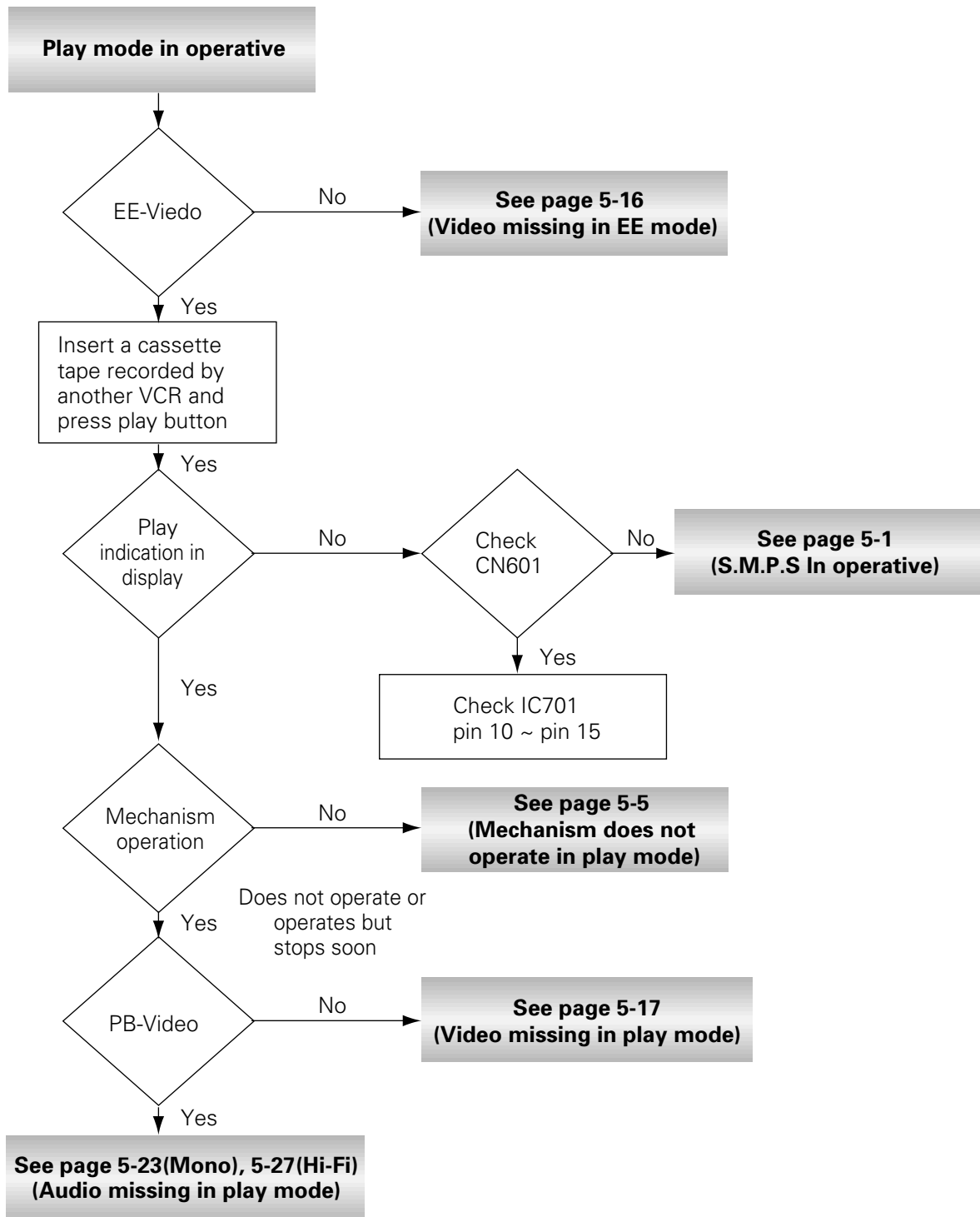
Position	Program S/W (SW601)				Action Mode
	E/S	S/S	SW A	SW B	
Eject	L	L	L	L	Eject
Cassette IN	H	L H	L	L	Cassette IN
Unload	-	-	L	L H	Unload
R. PS	-	-	L H	H	R. PS, Z-R. PS
R. Slow	-	-	H	H L	Pinch Roller off Position
Still	-	-	H L	L	Still, Slow, F-ADV
Play	-	-	L H	L	PB, T-Stop, REC, Pause, F. PS, Z-FPS
Stop	-	-	H	L H	Stop, Power off
FF/REW	-	-	H L	H	FF, REW

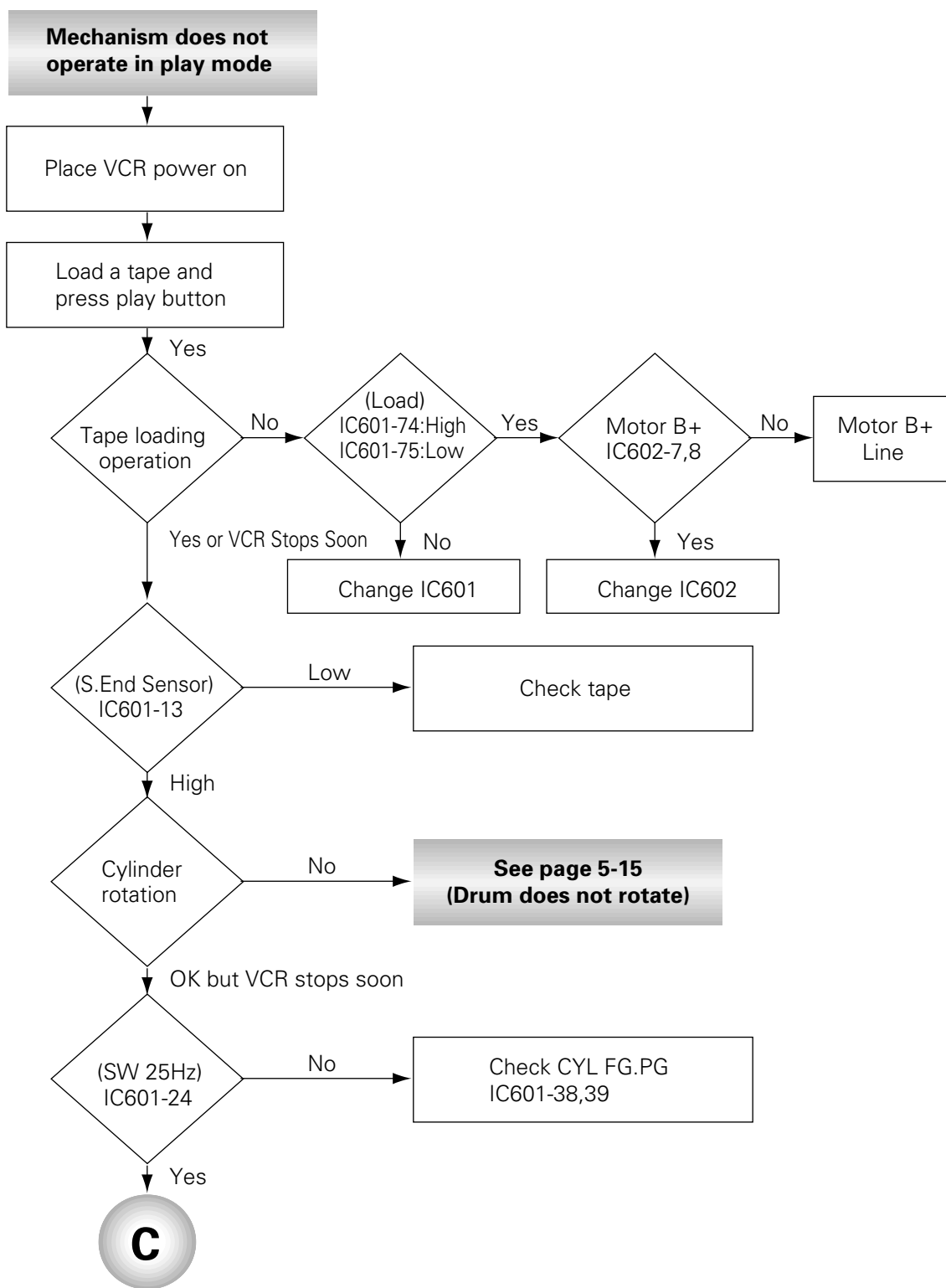
## 5. Troubleshooting

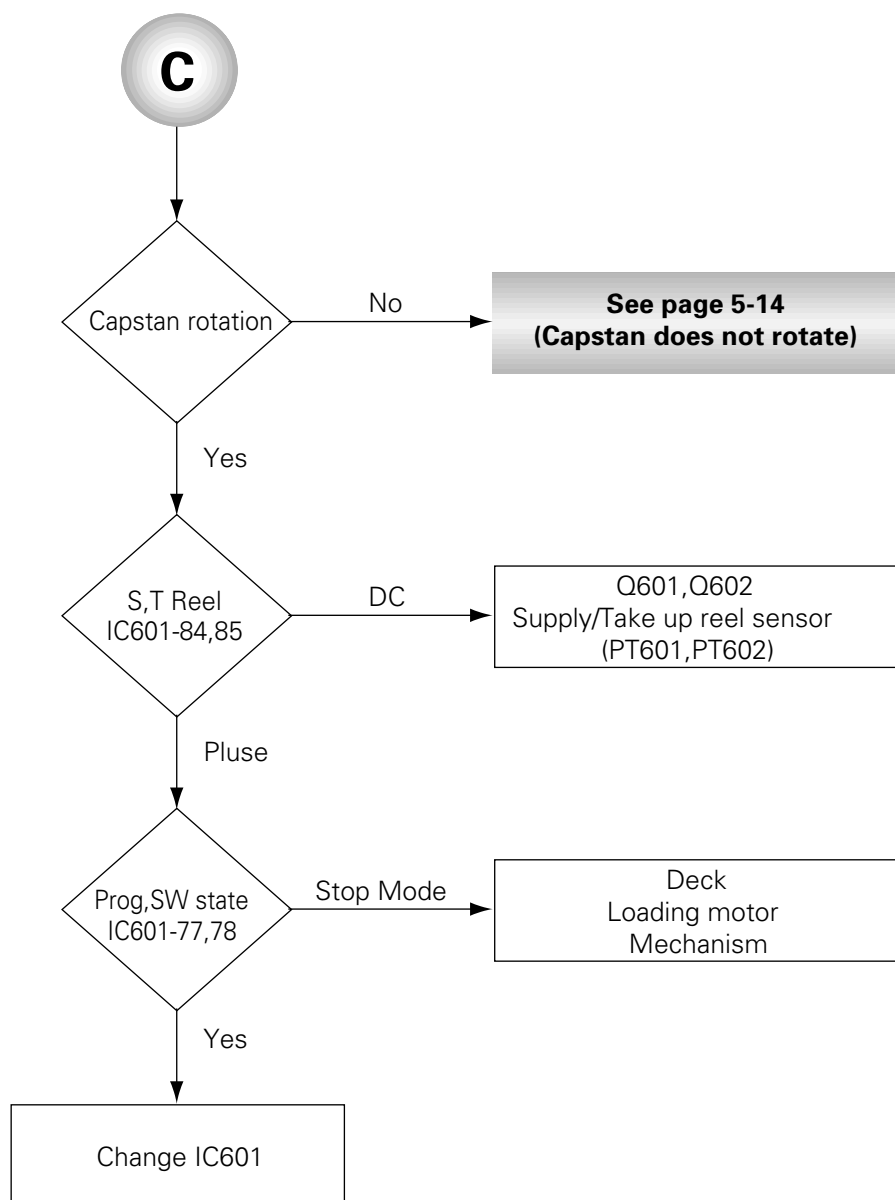


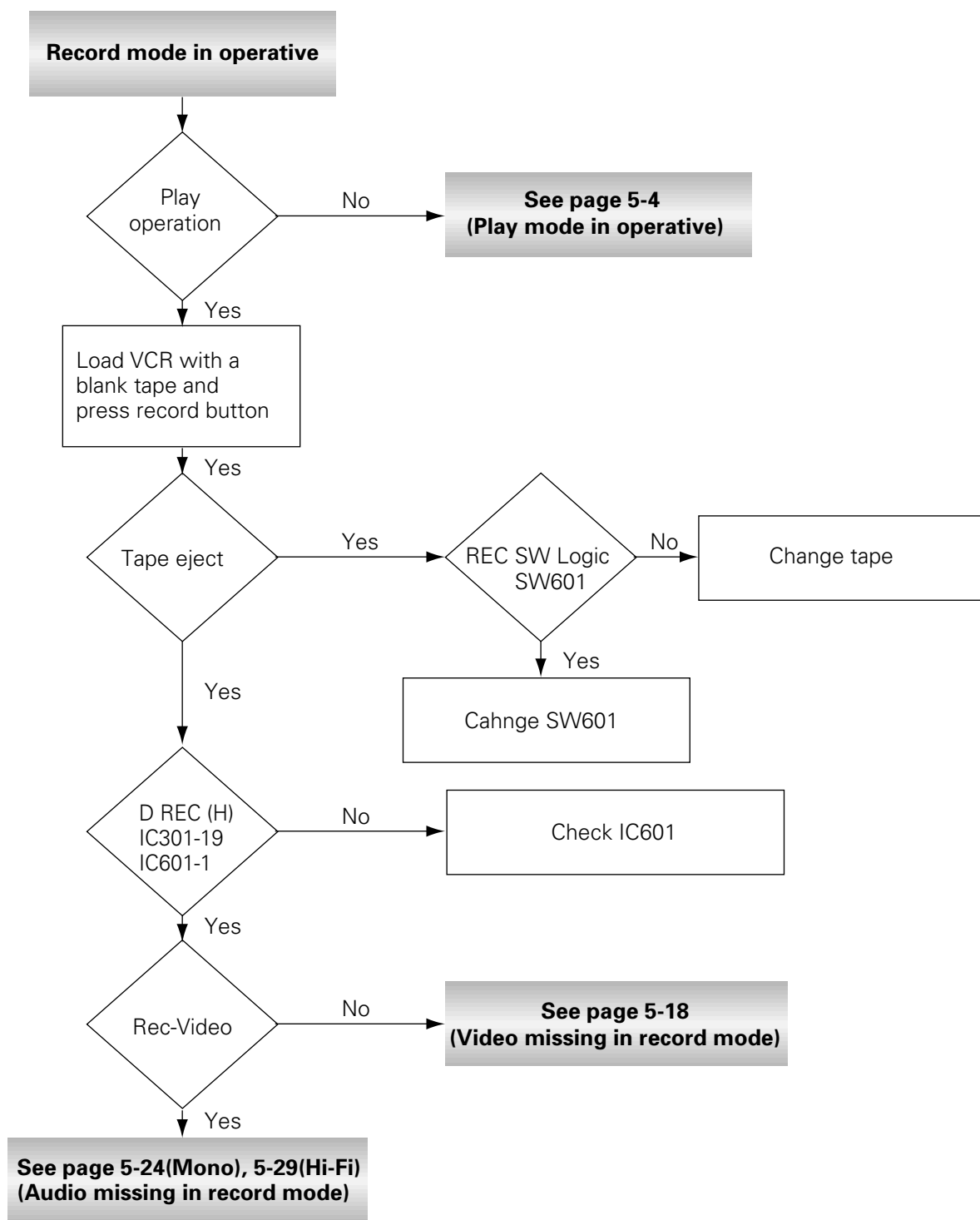


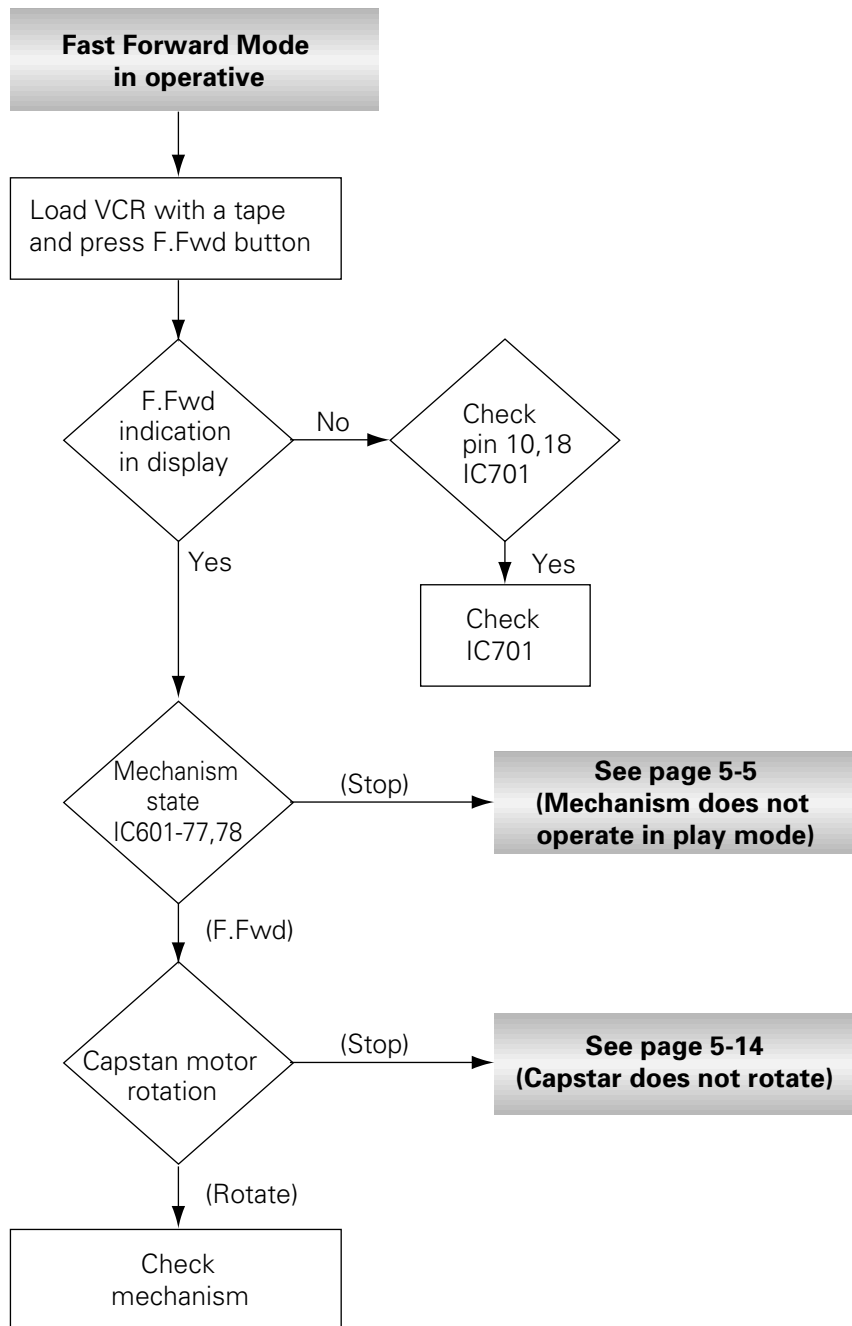


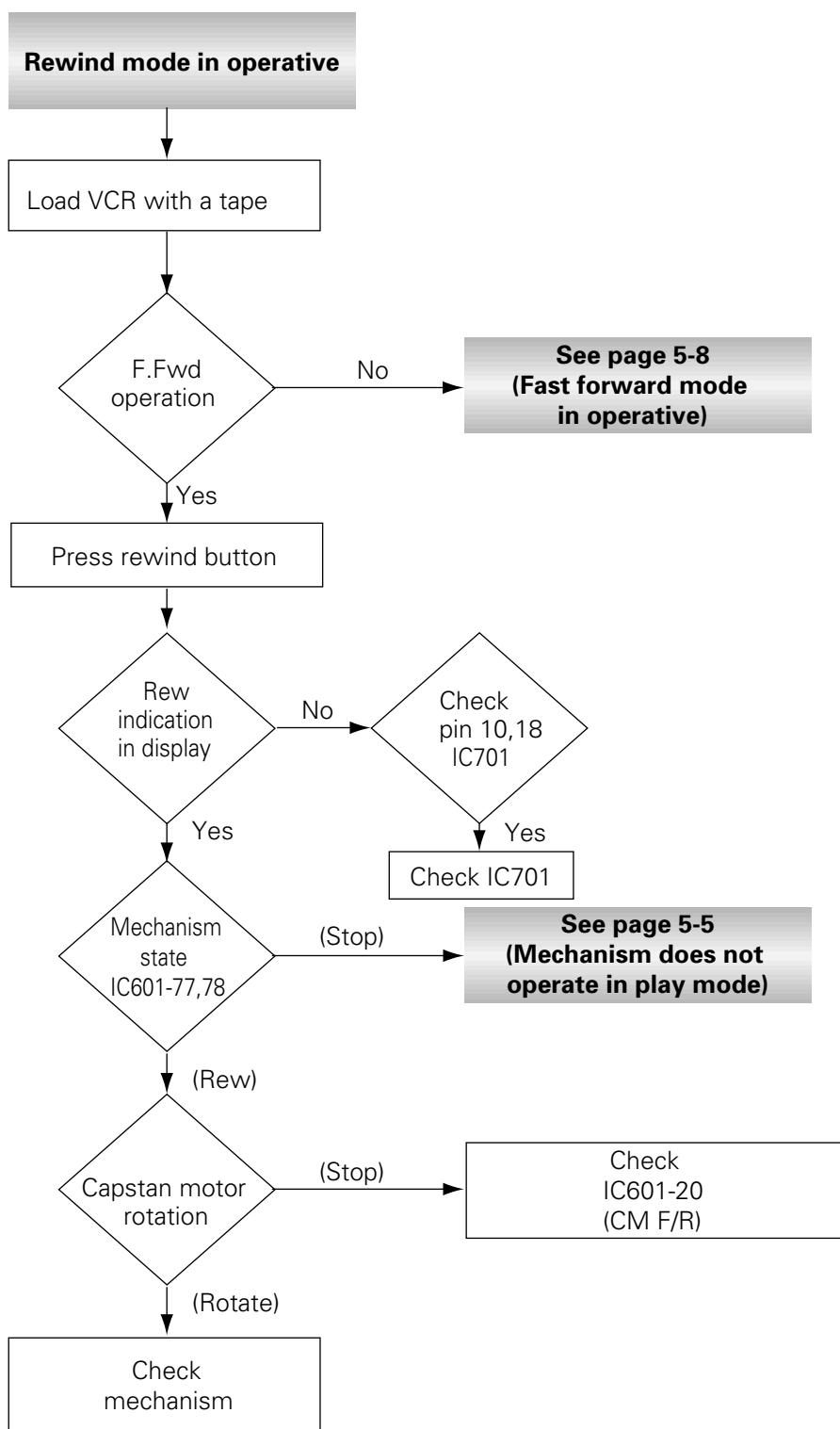


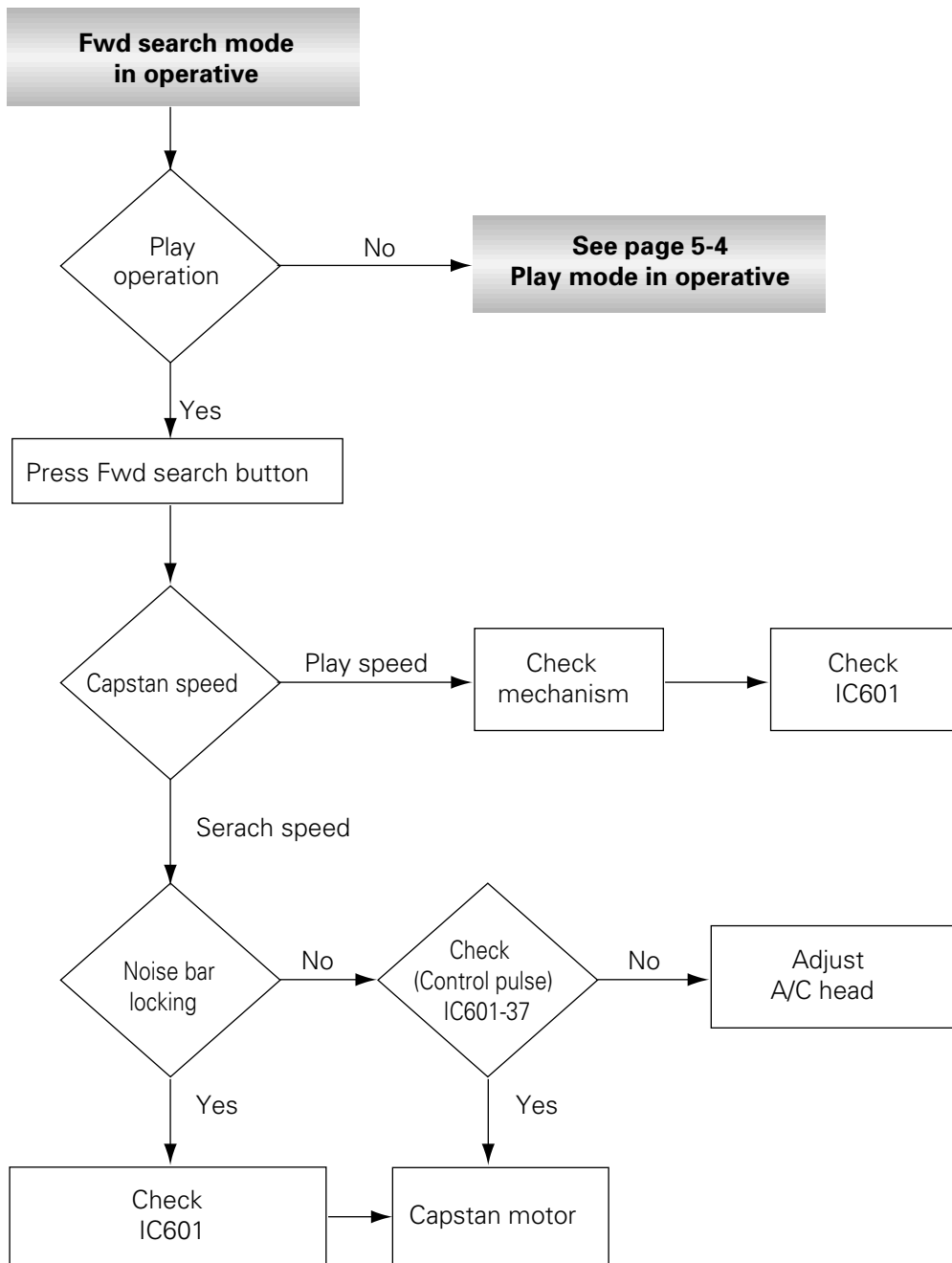


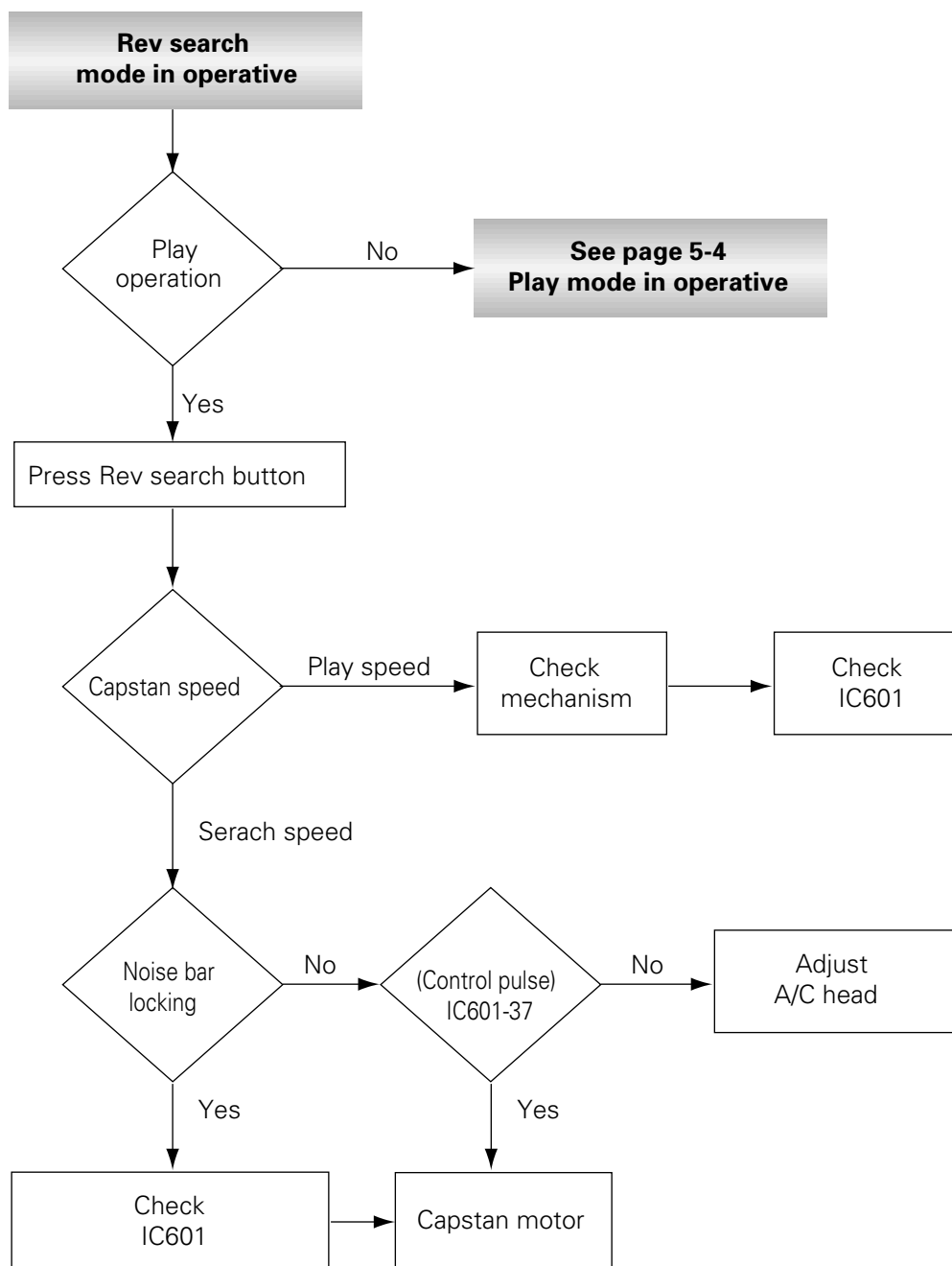


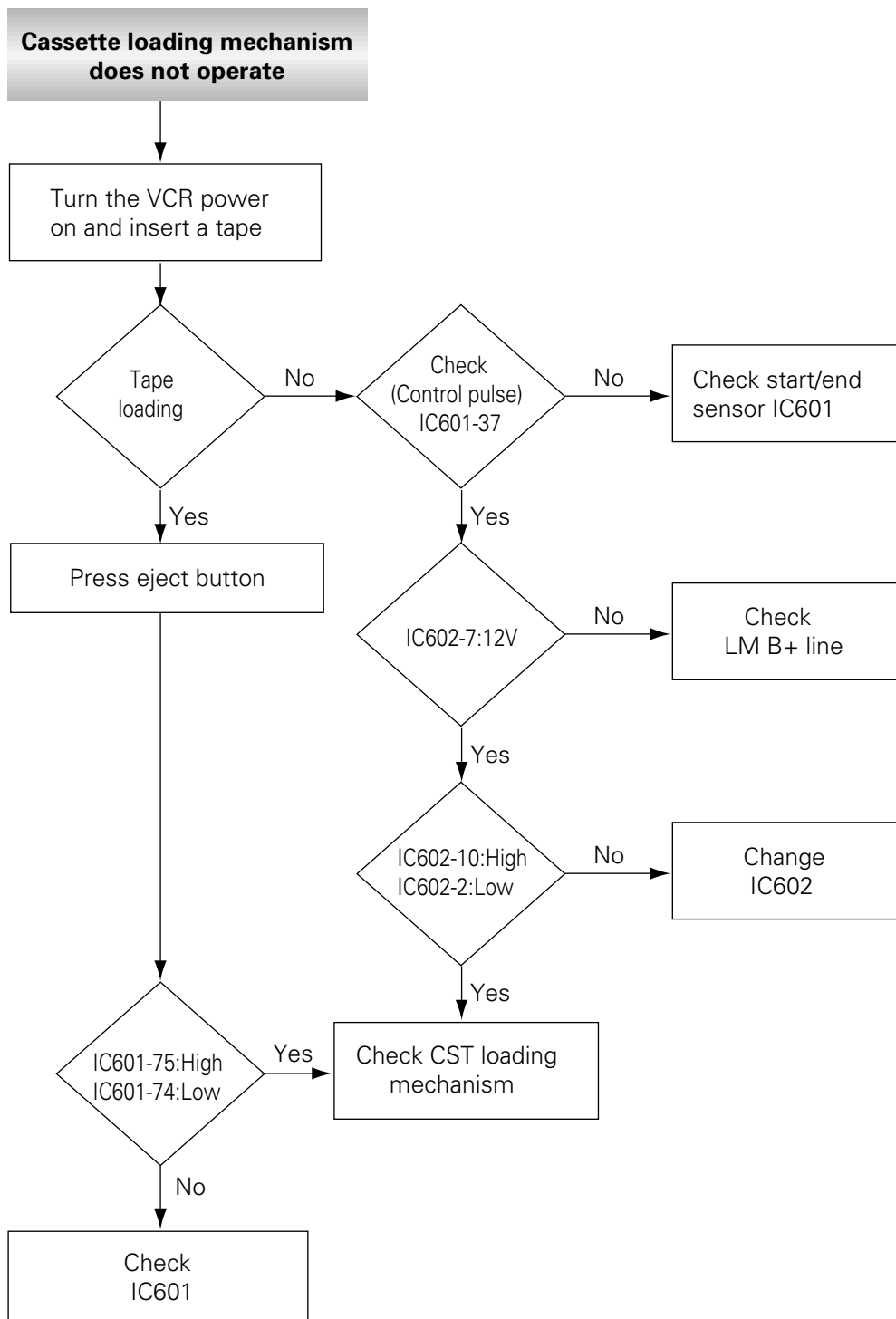


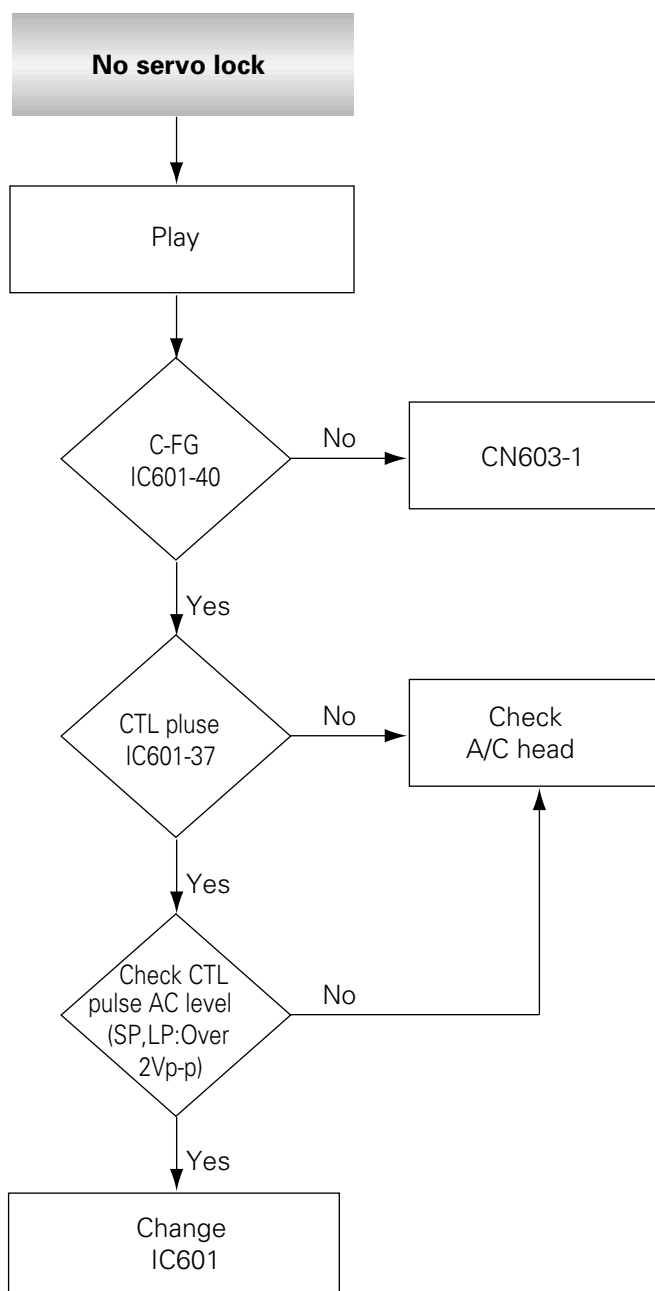


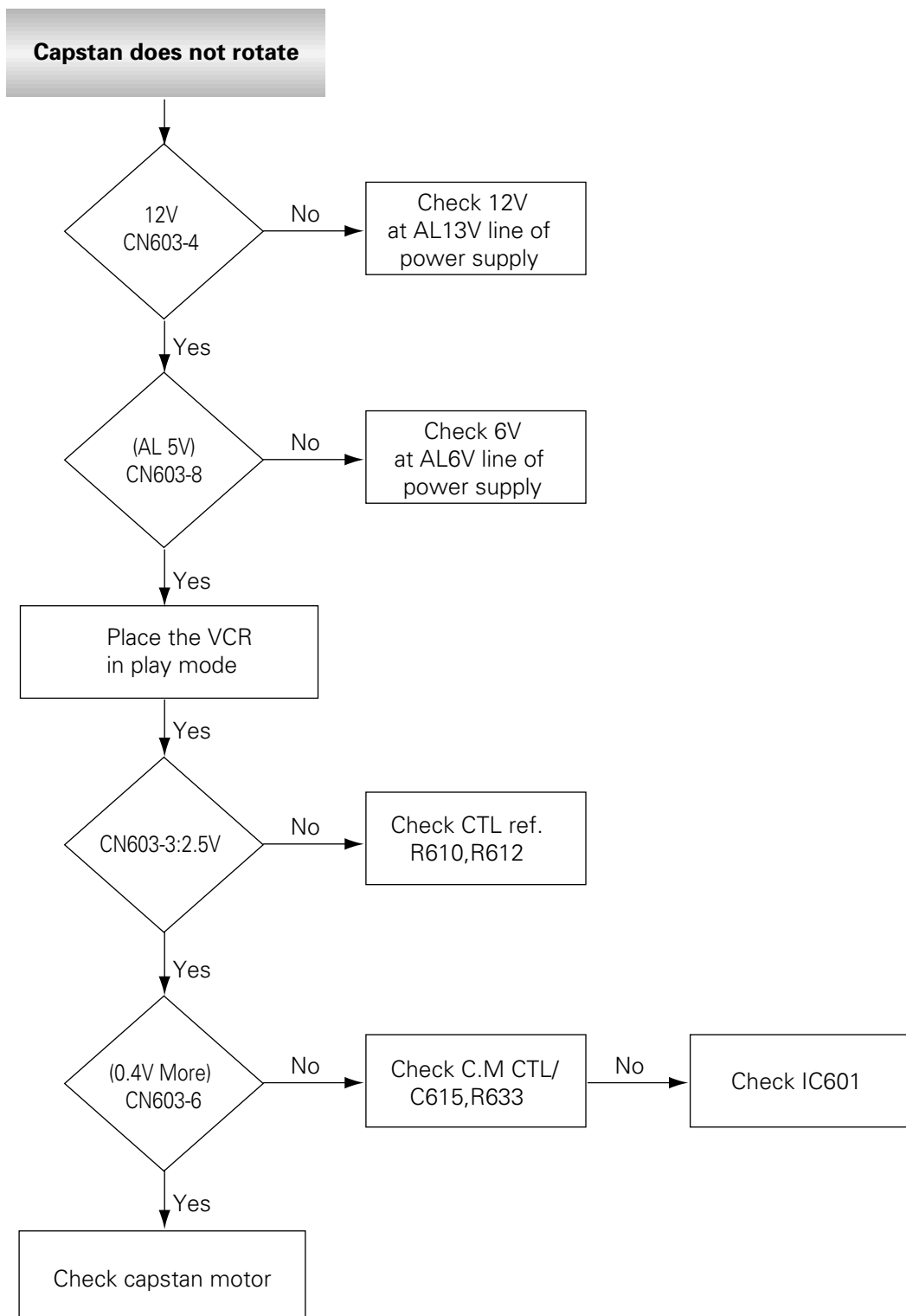


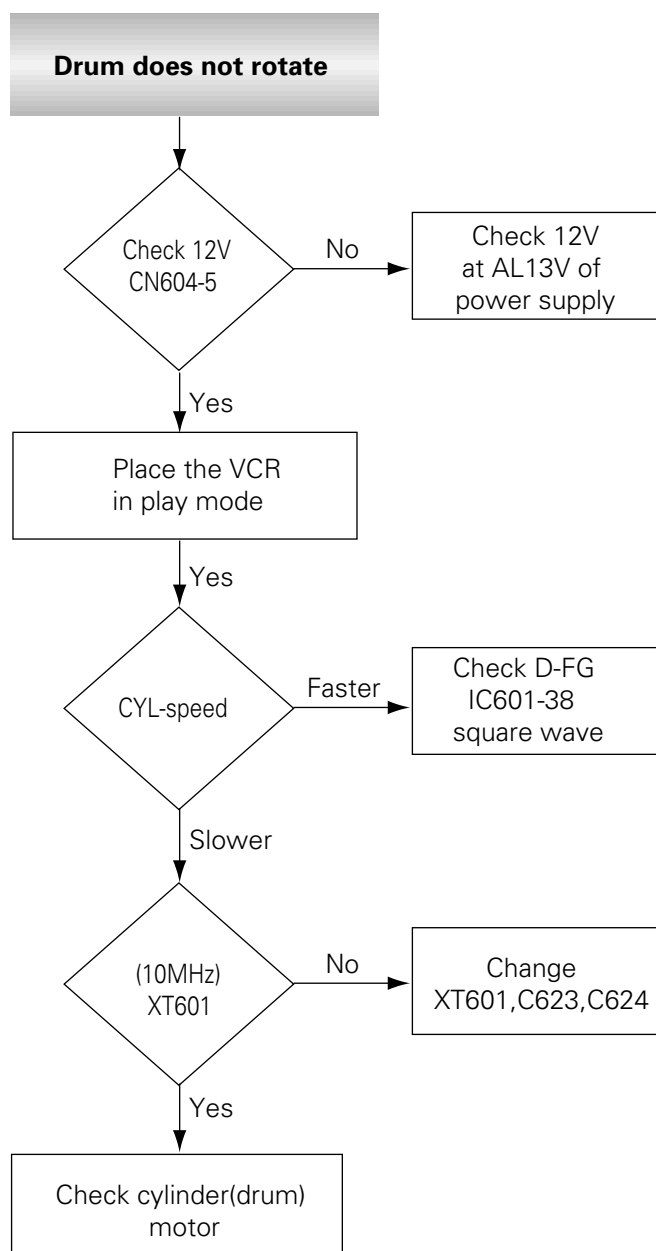


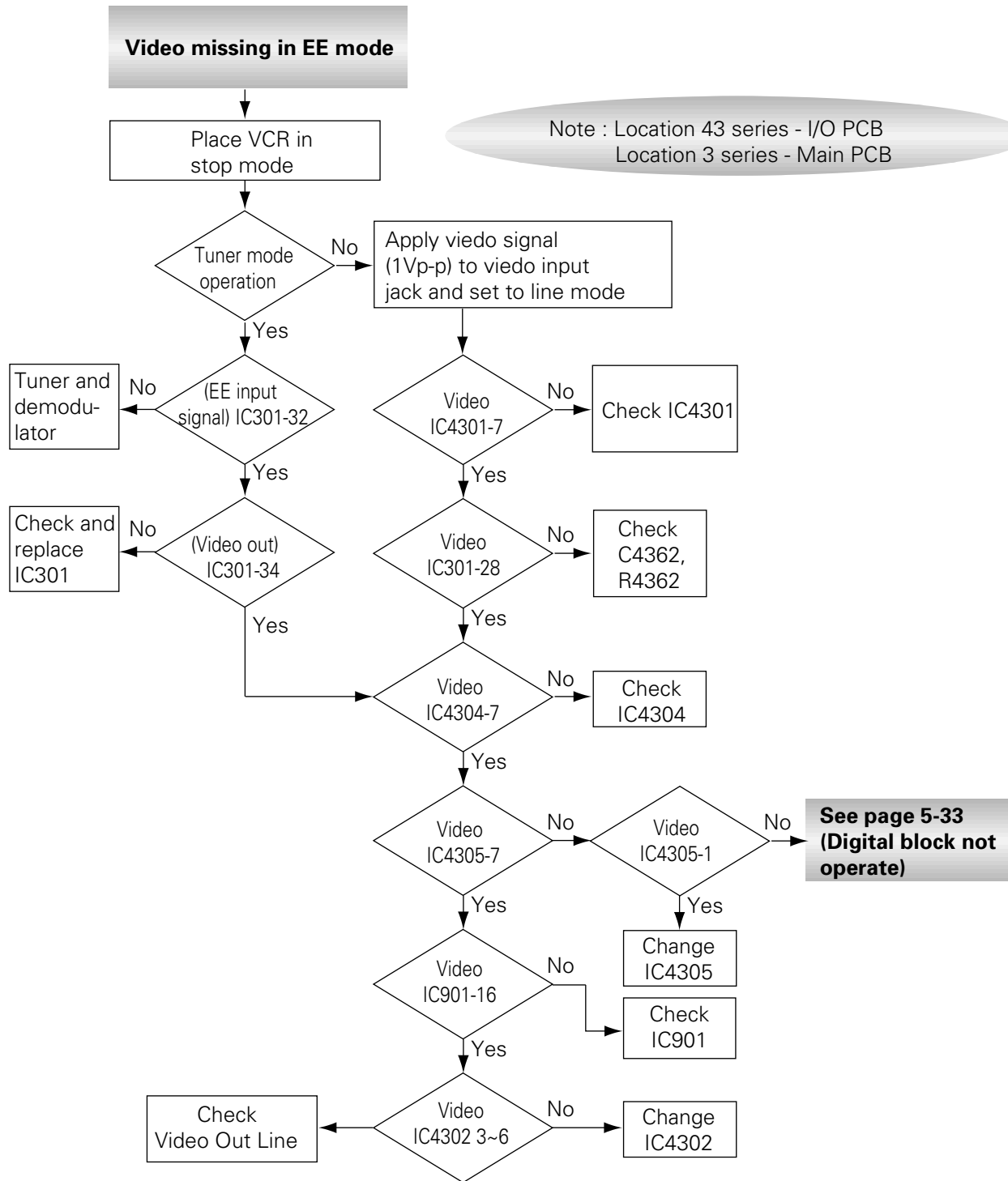


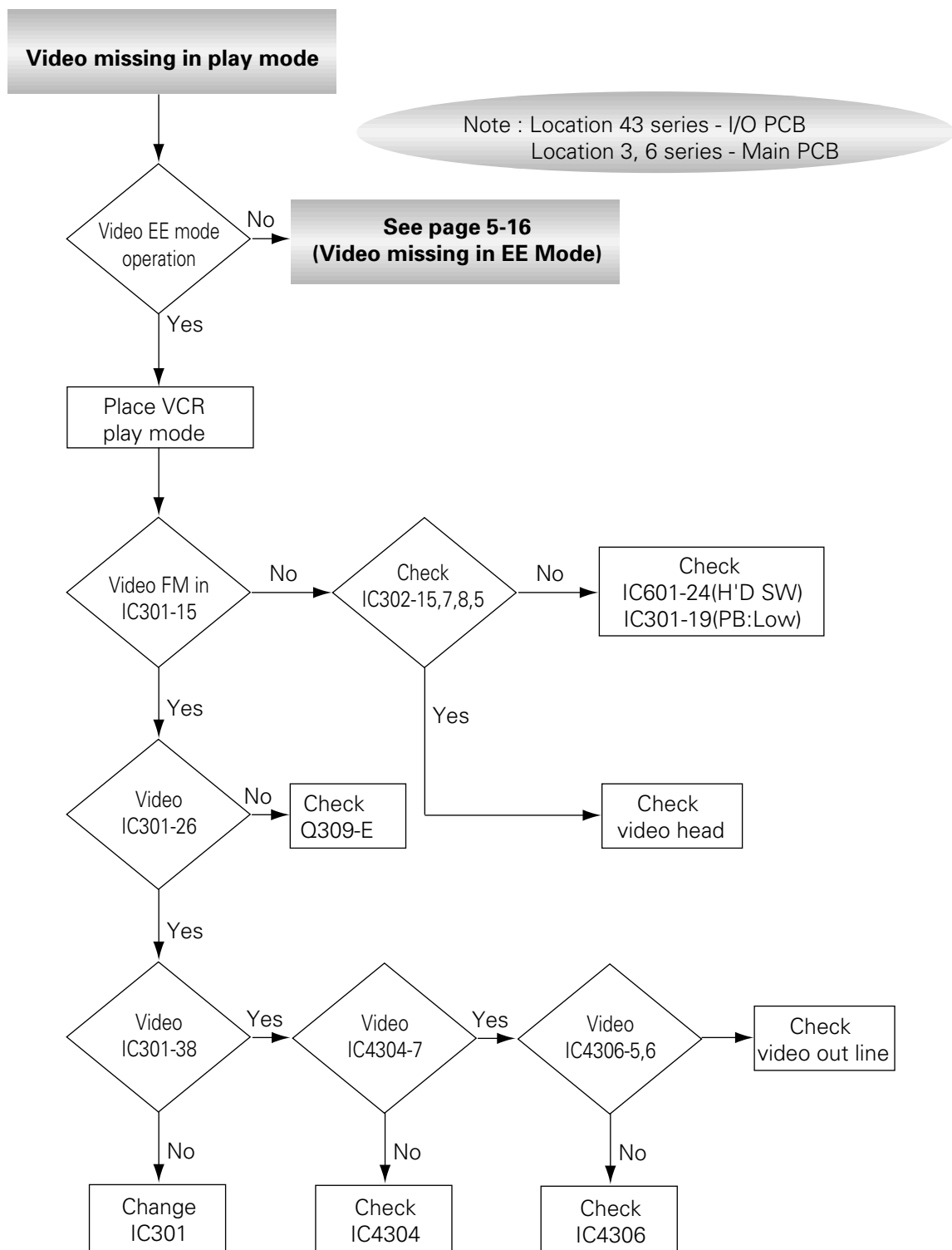


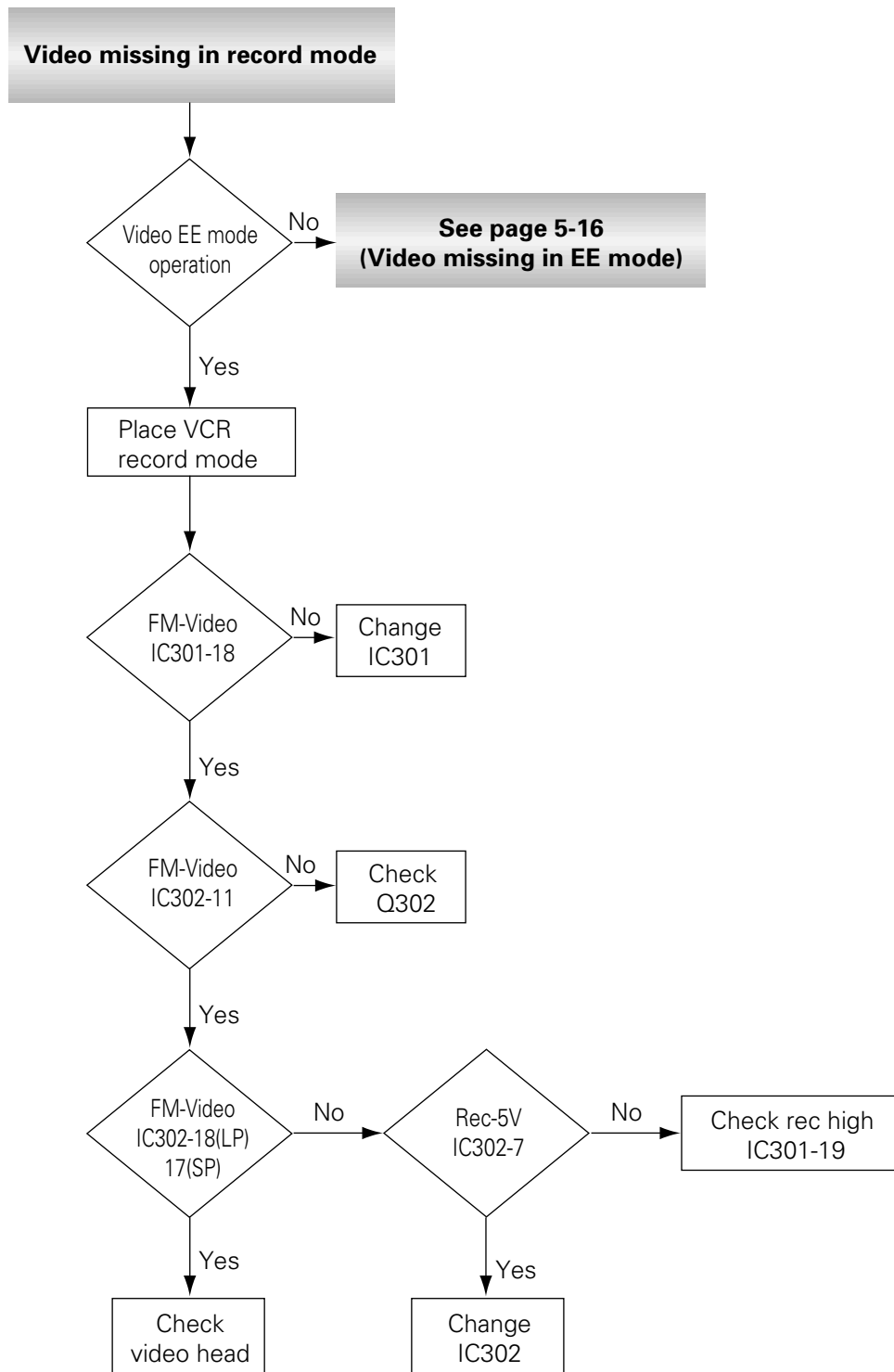


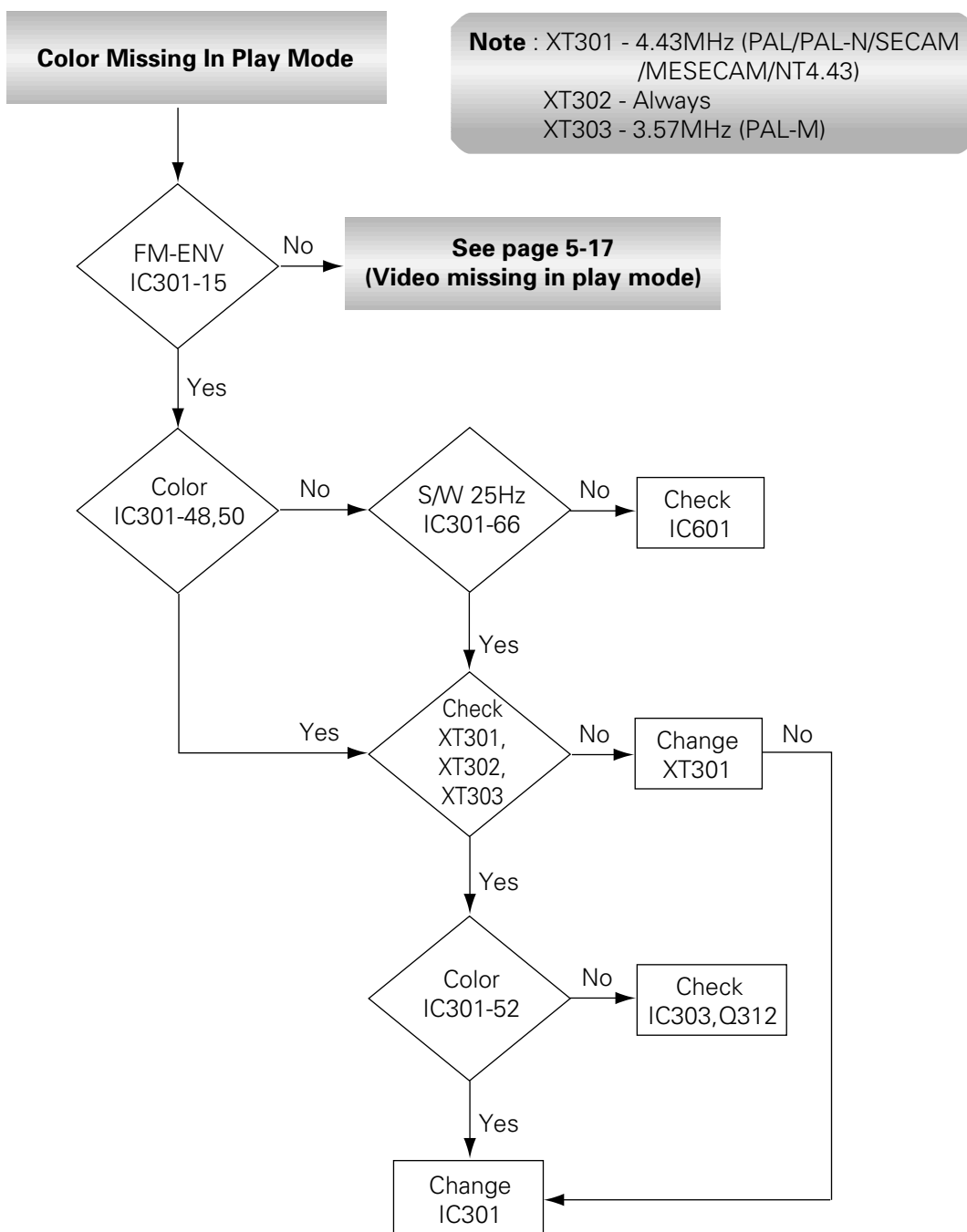


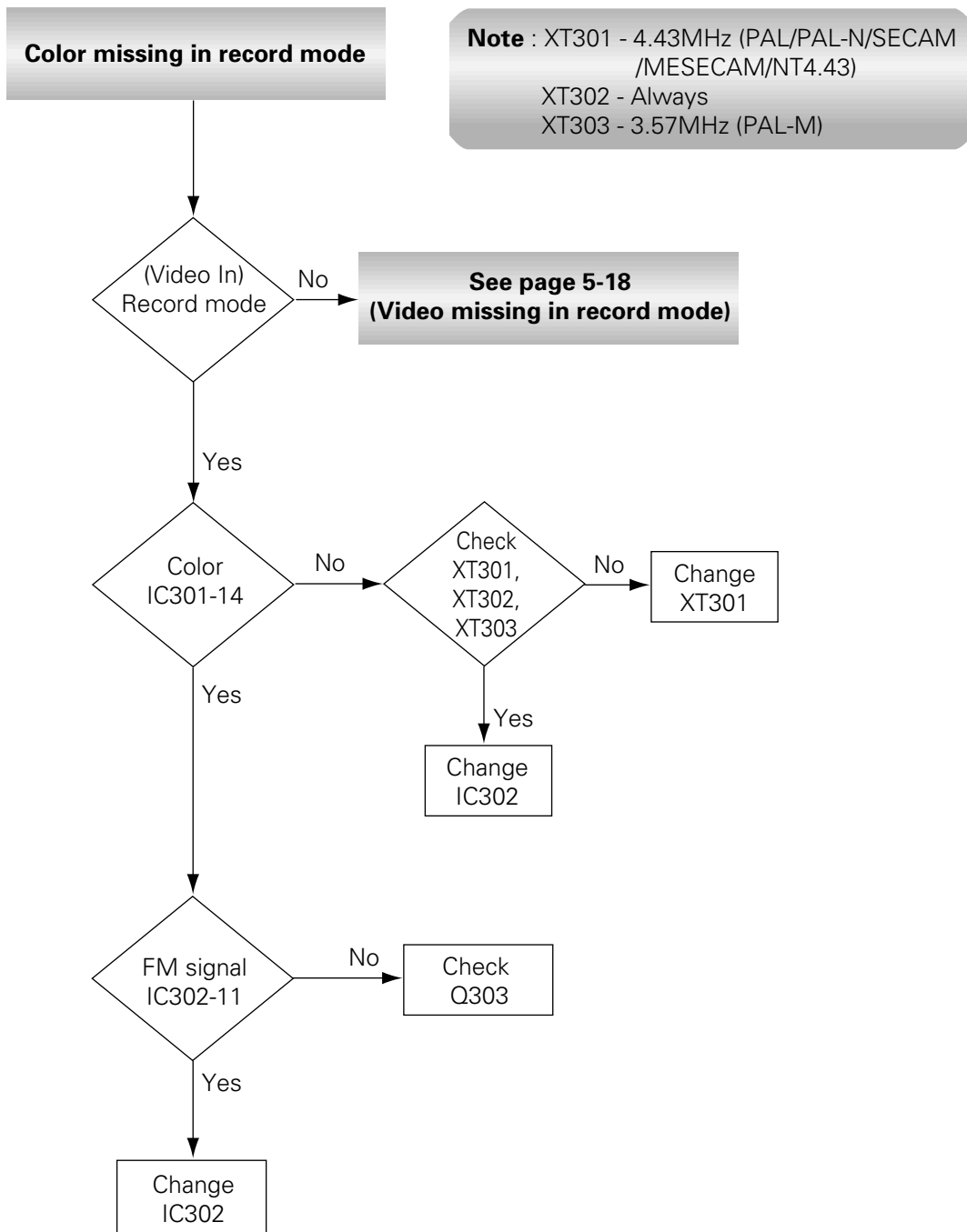




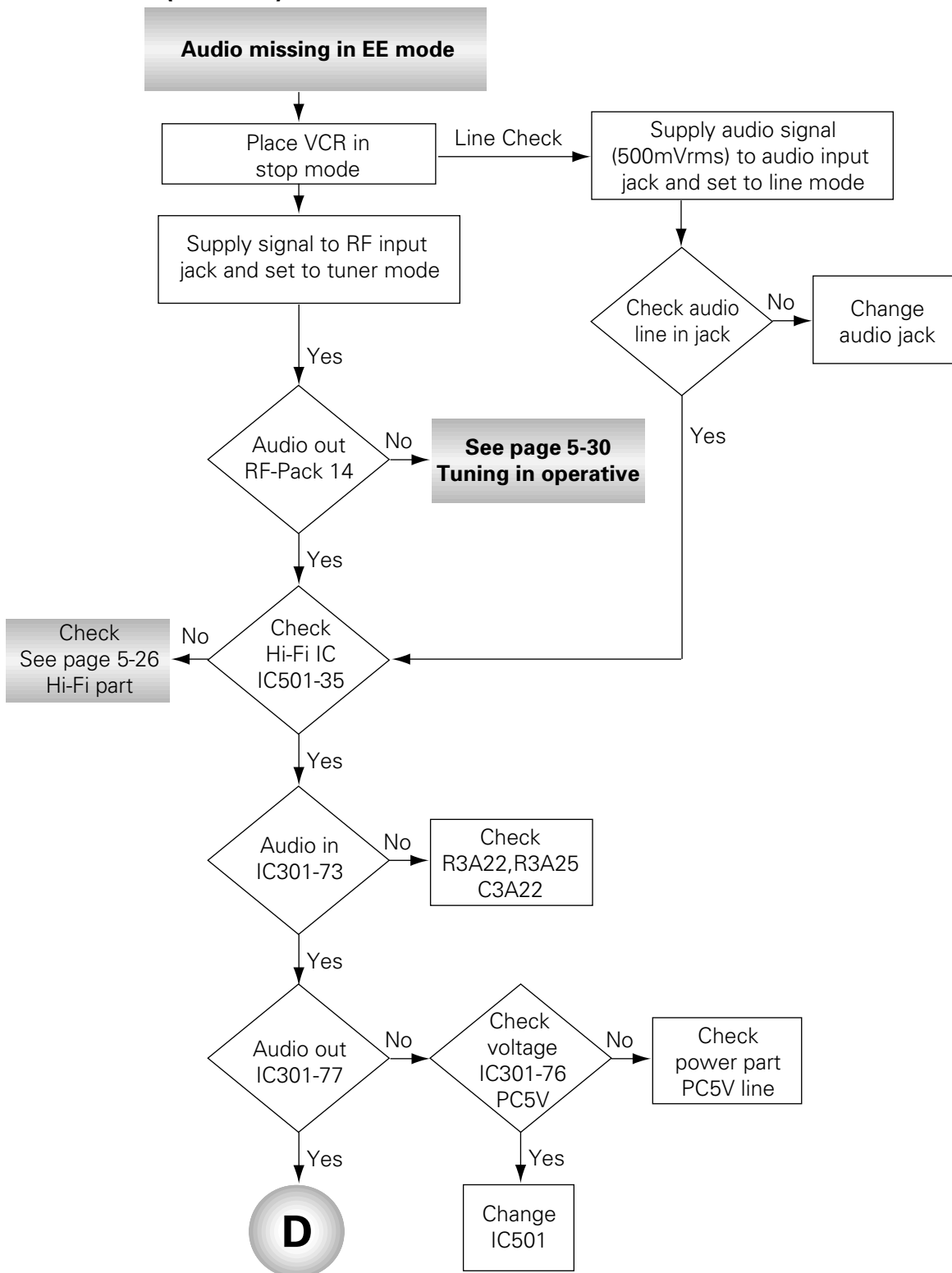


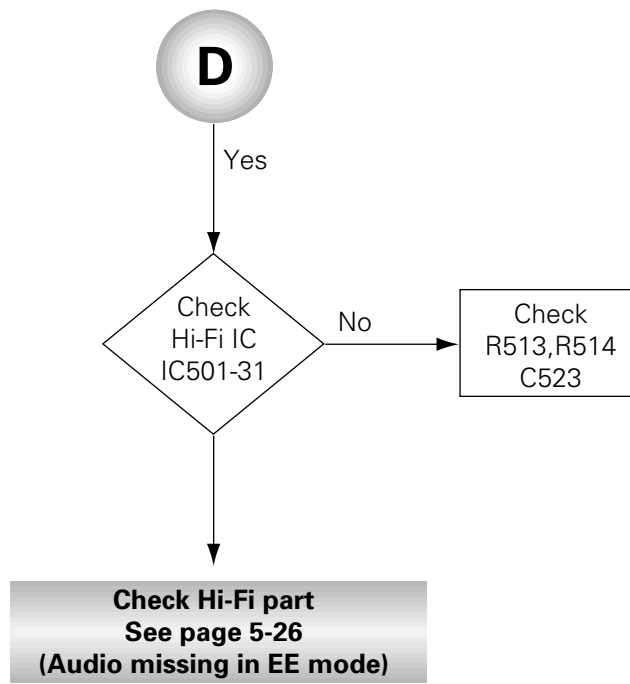




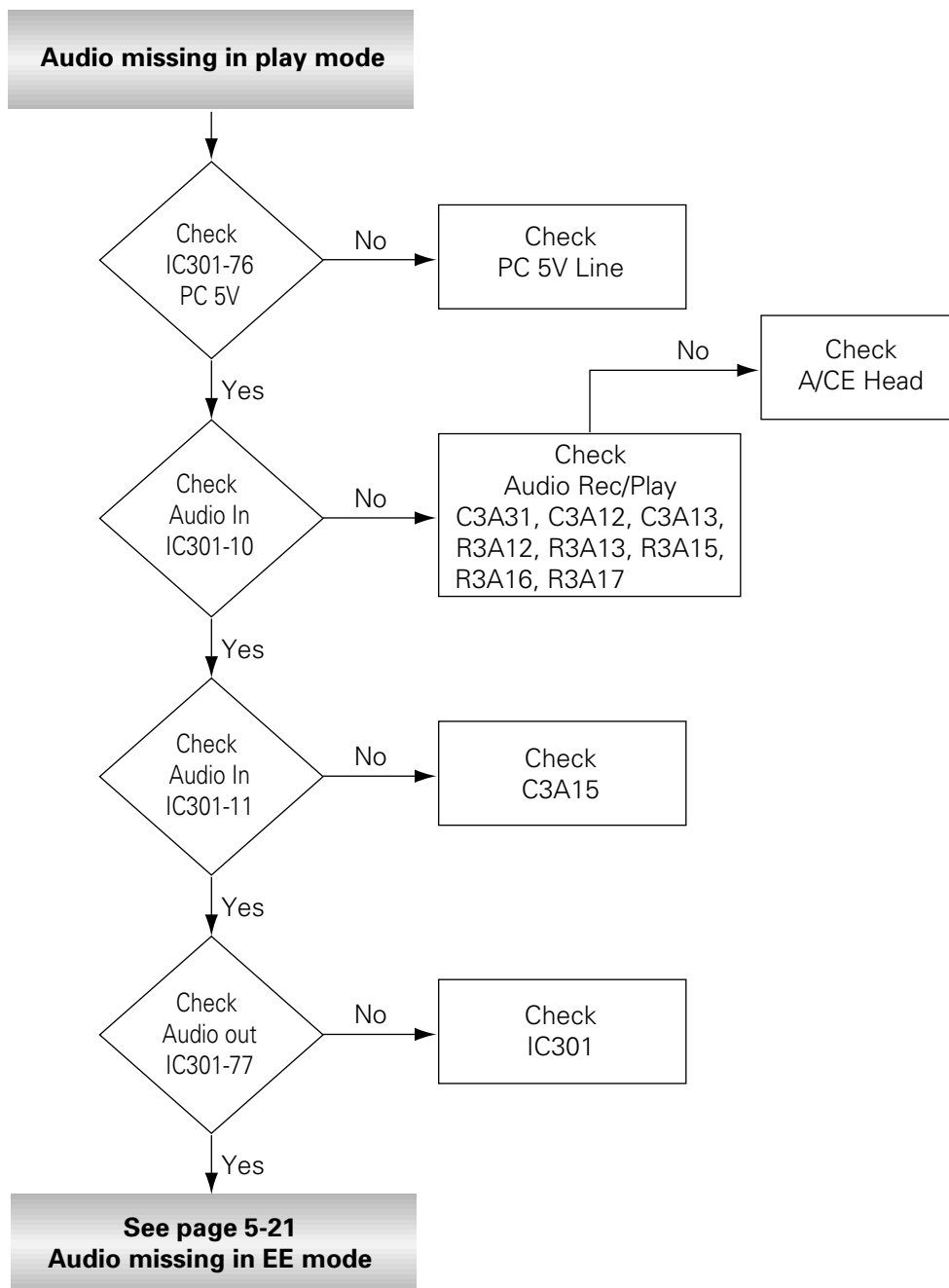


**(MONO)**

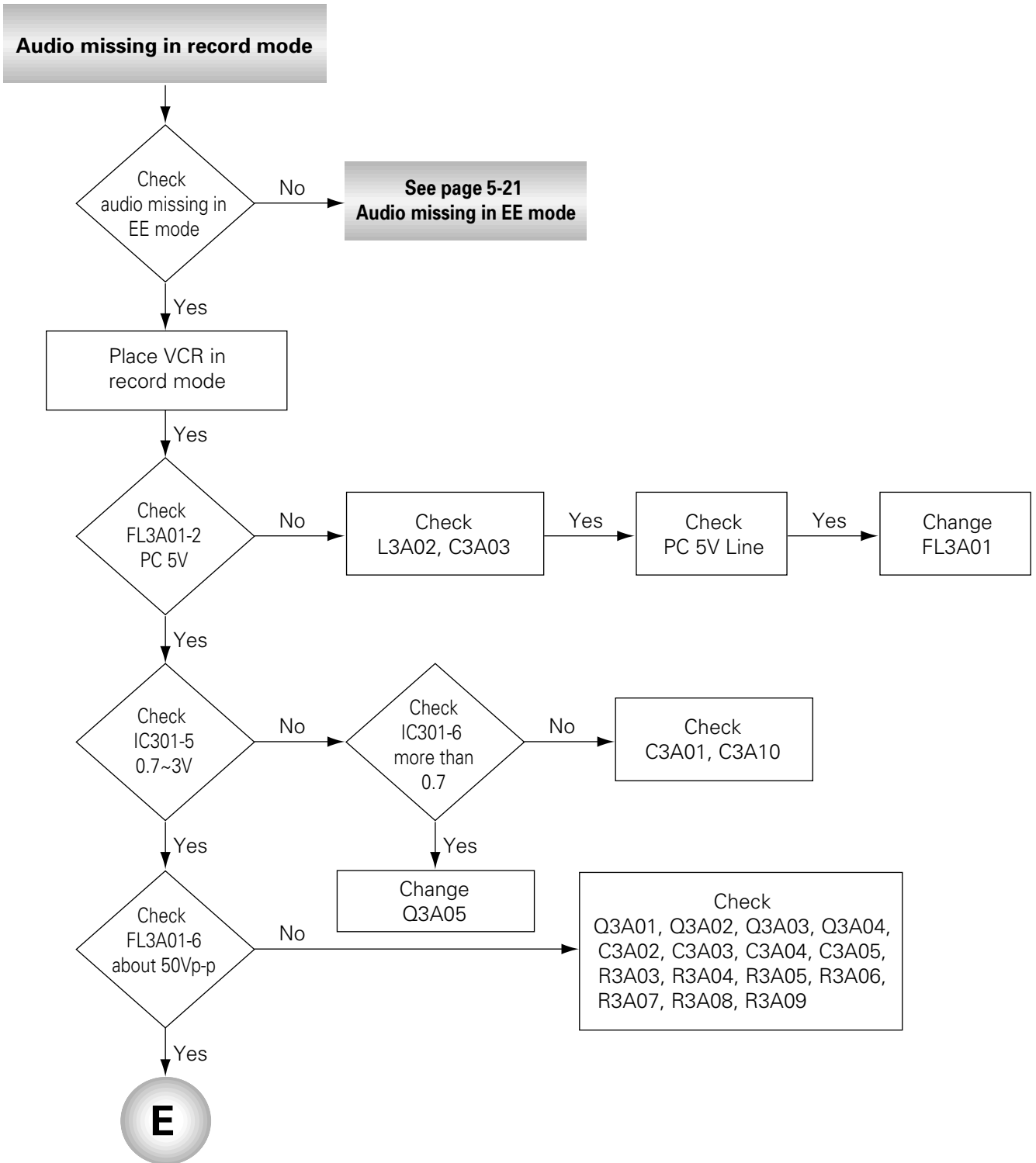


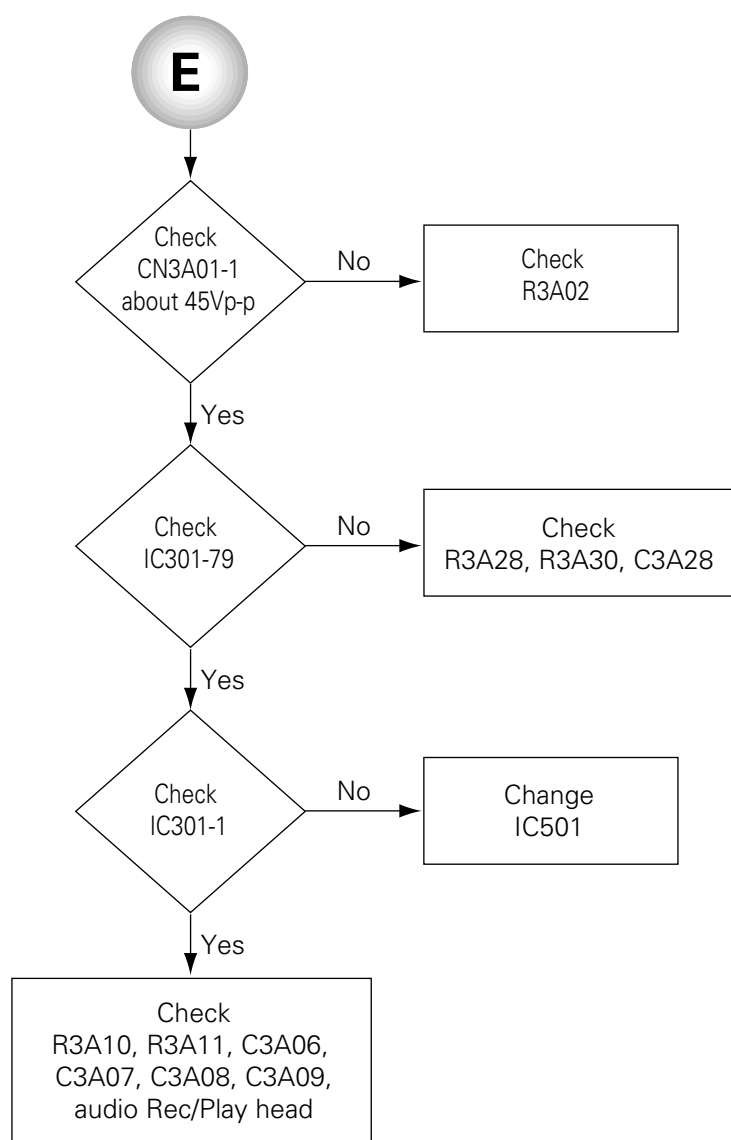


**(MONO)**

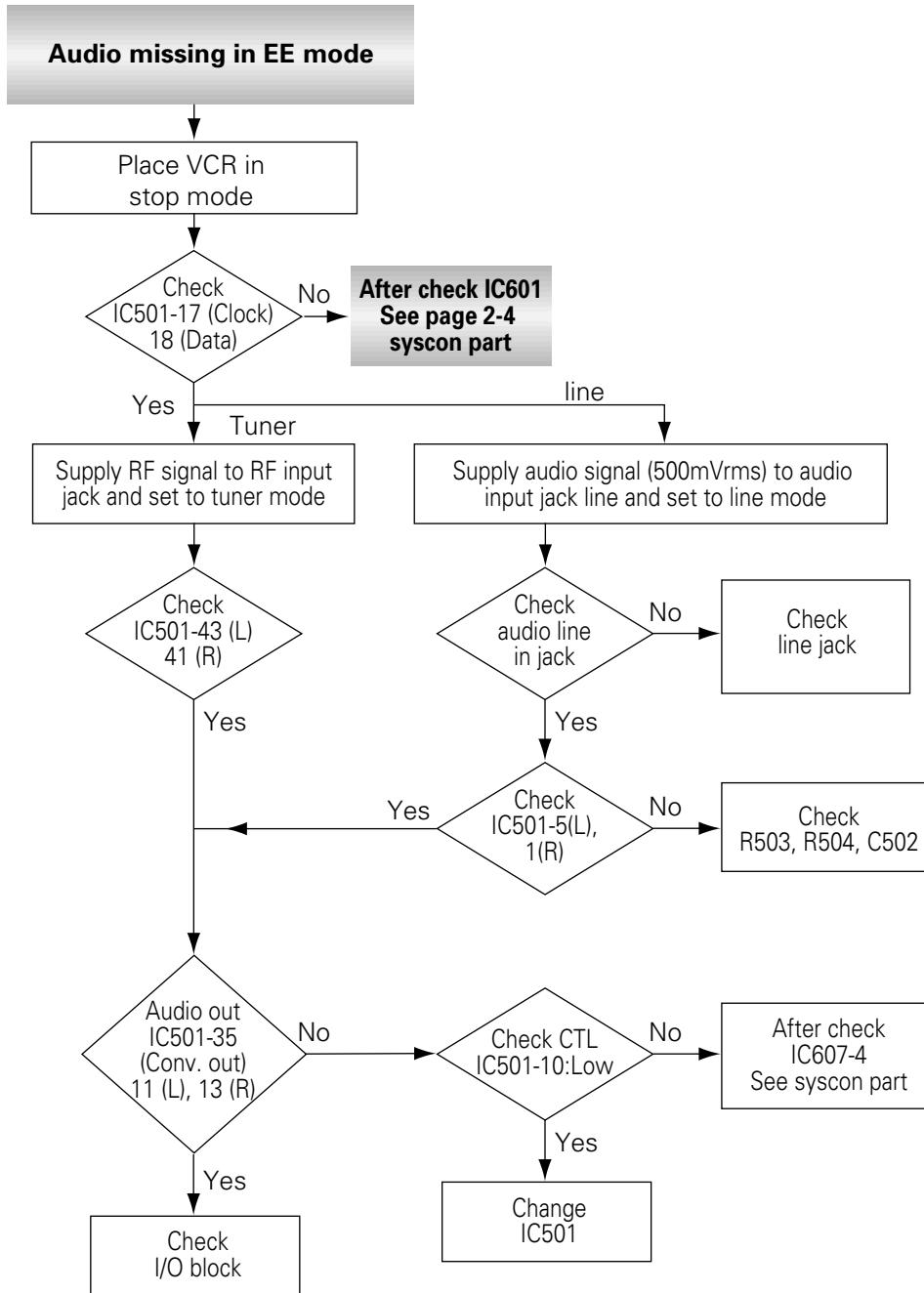


**(MONO)**

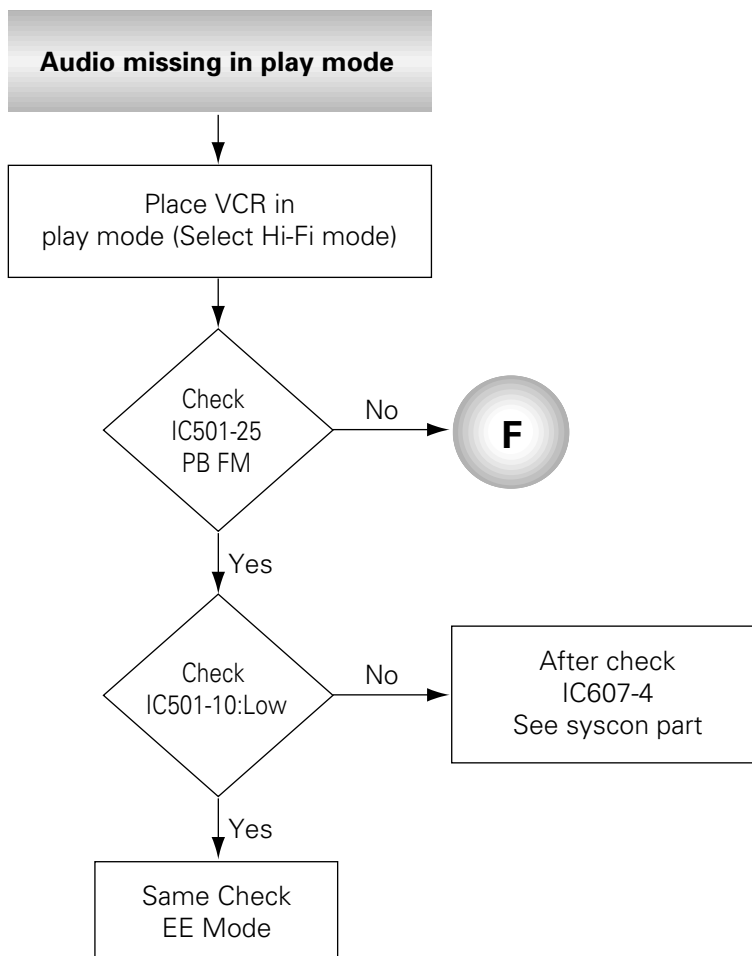


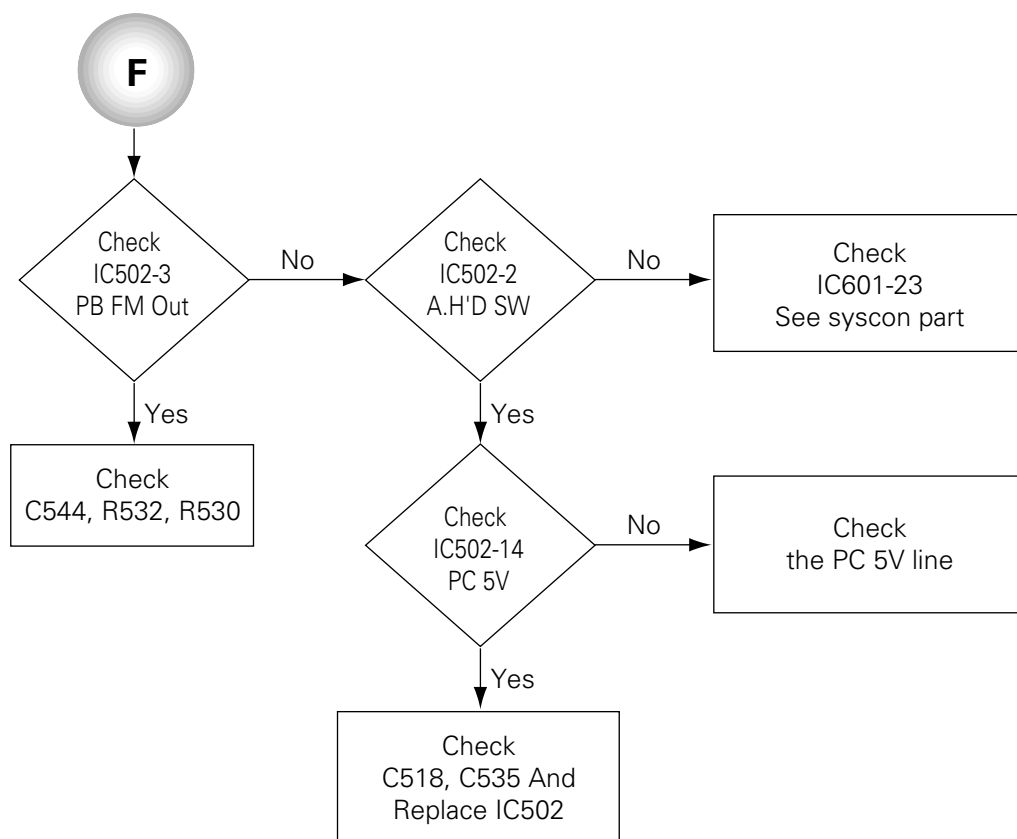


**(HI-FI)**

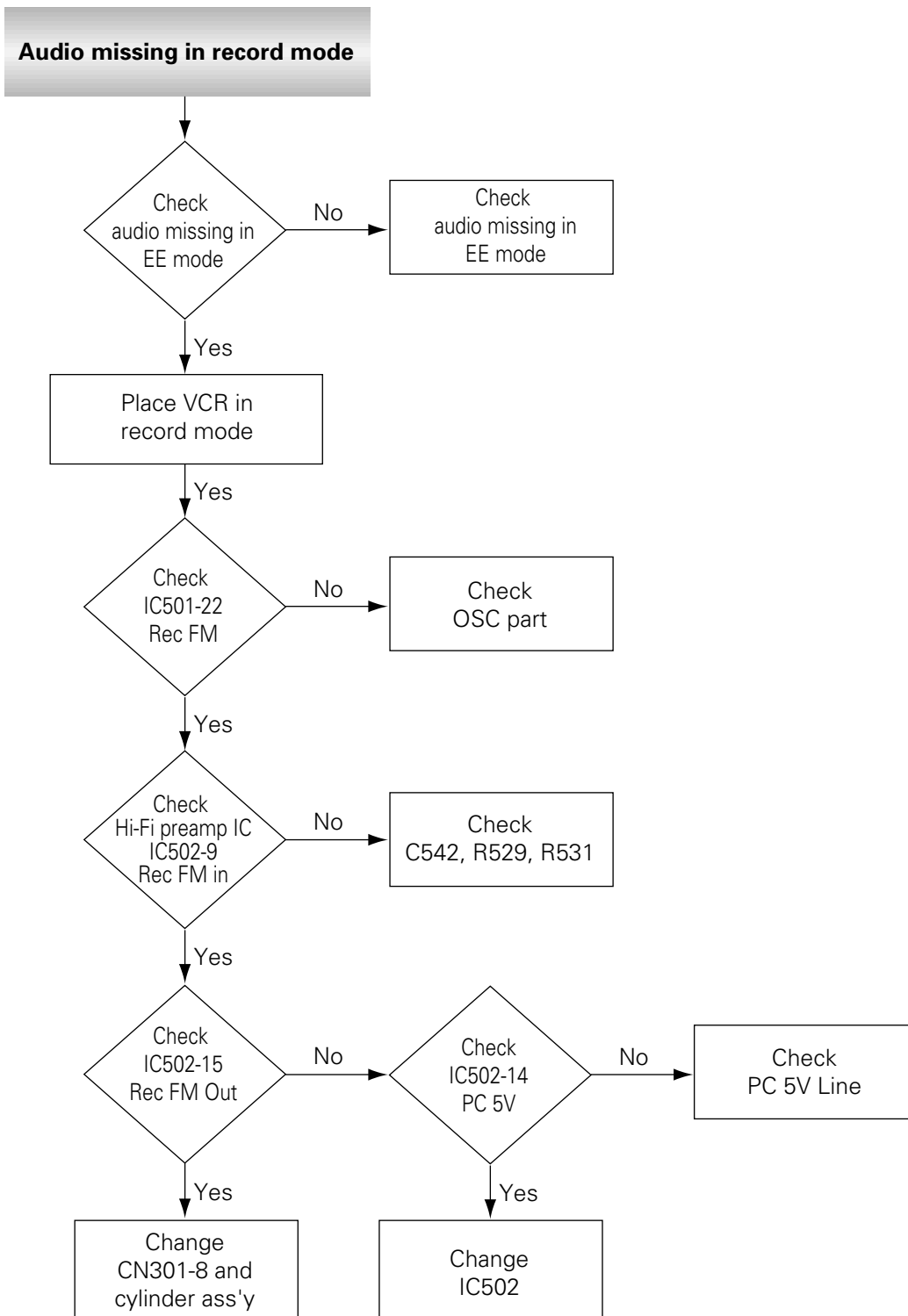


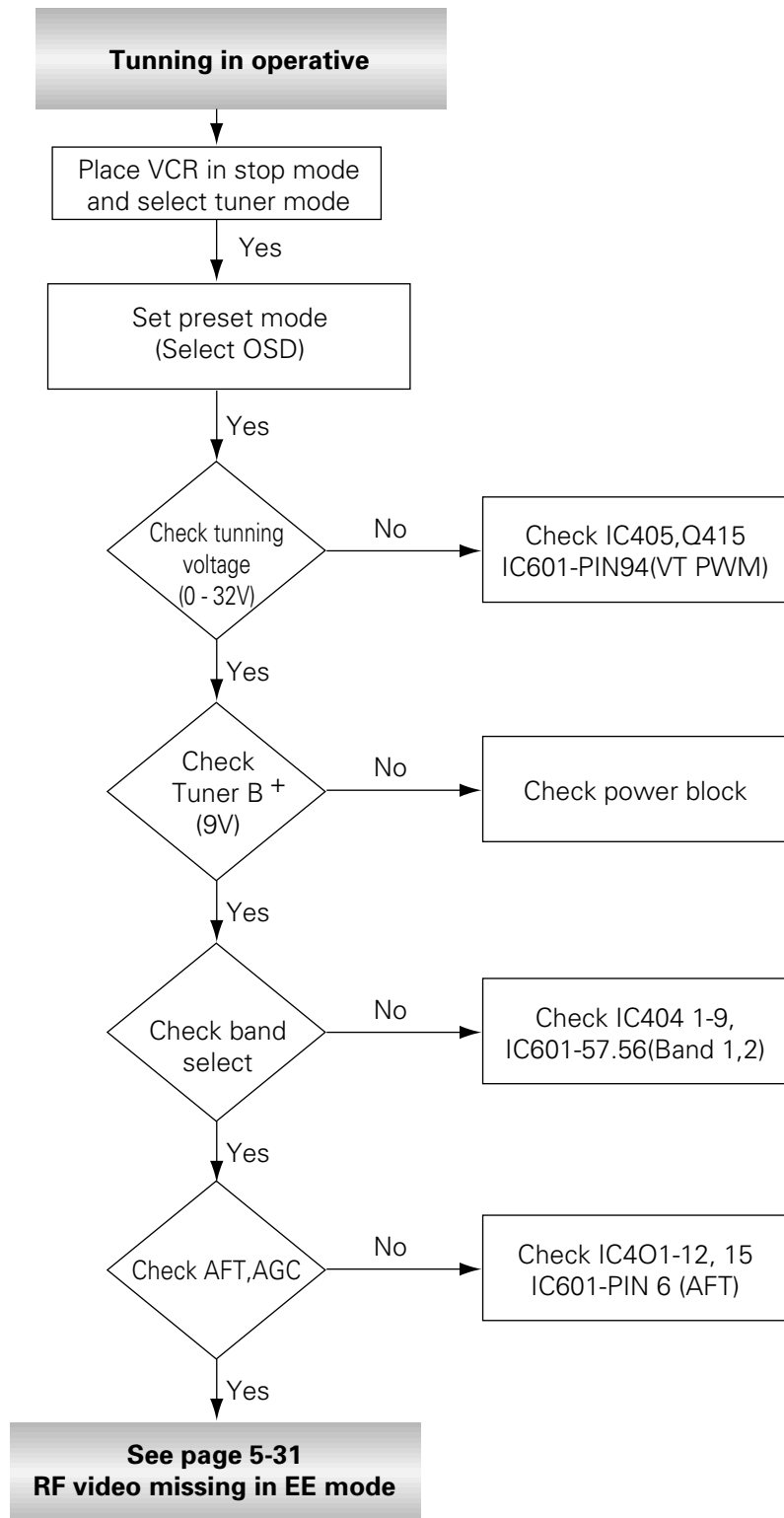
**(HI-FI)**

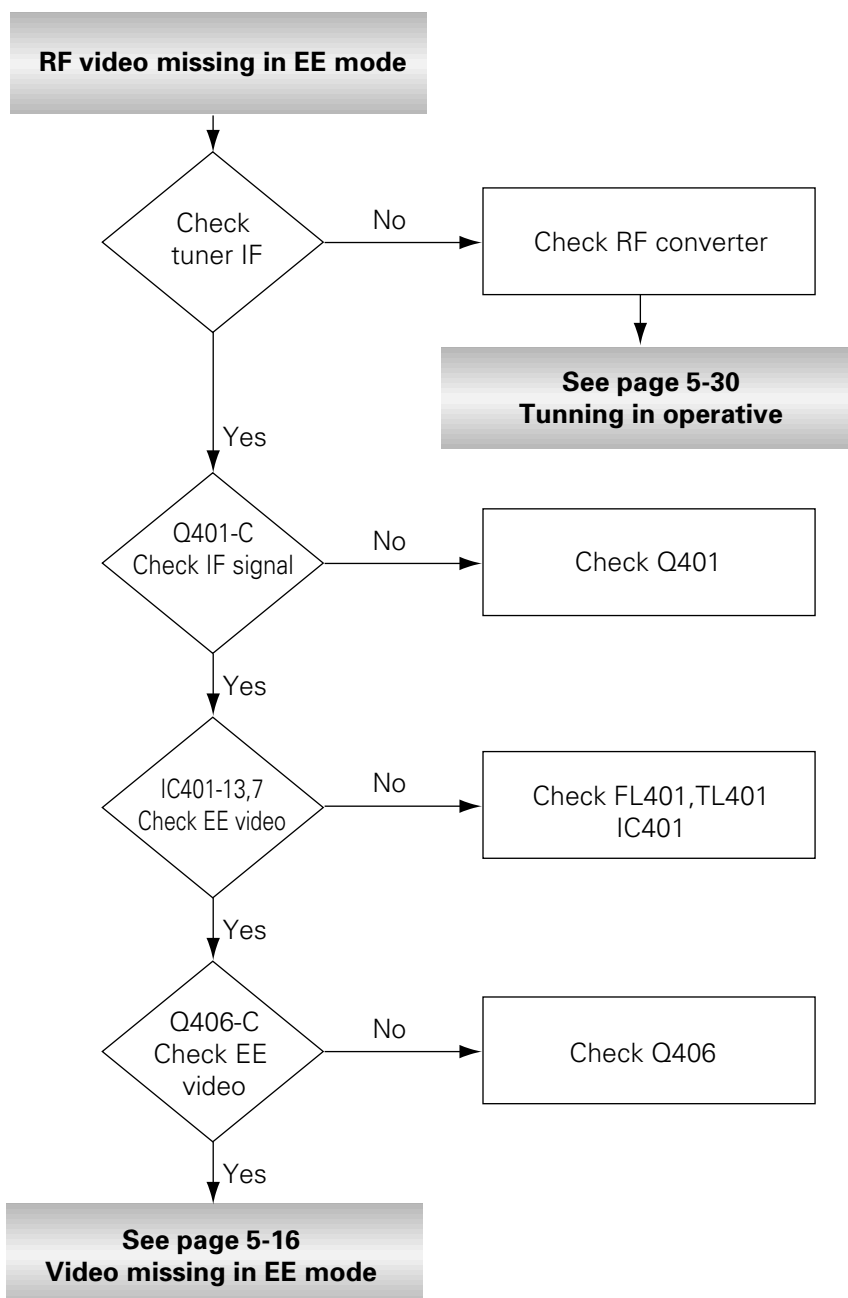


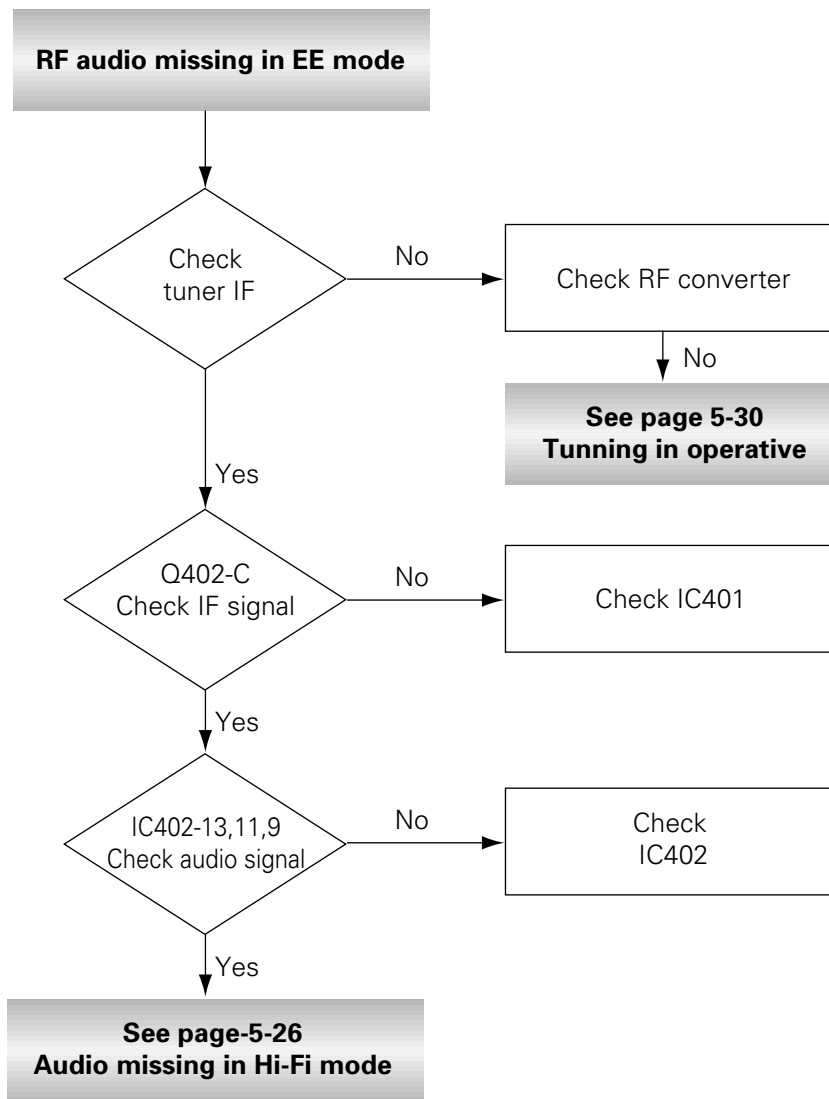


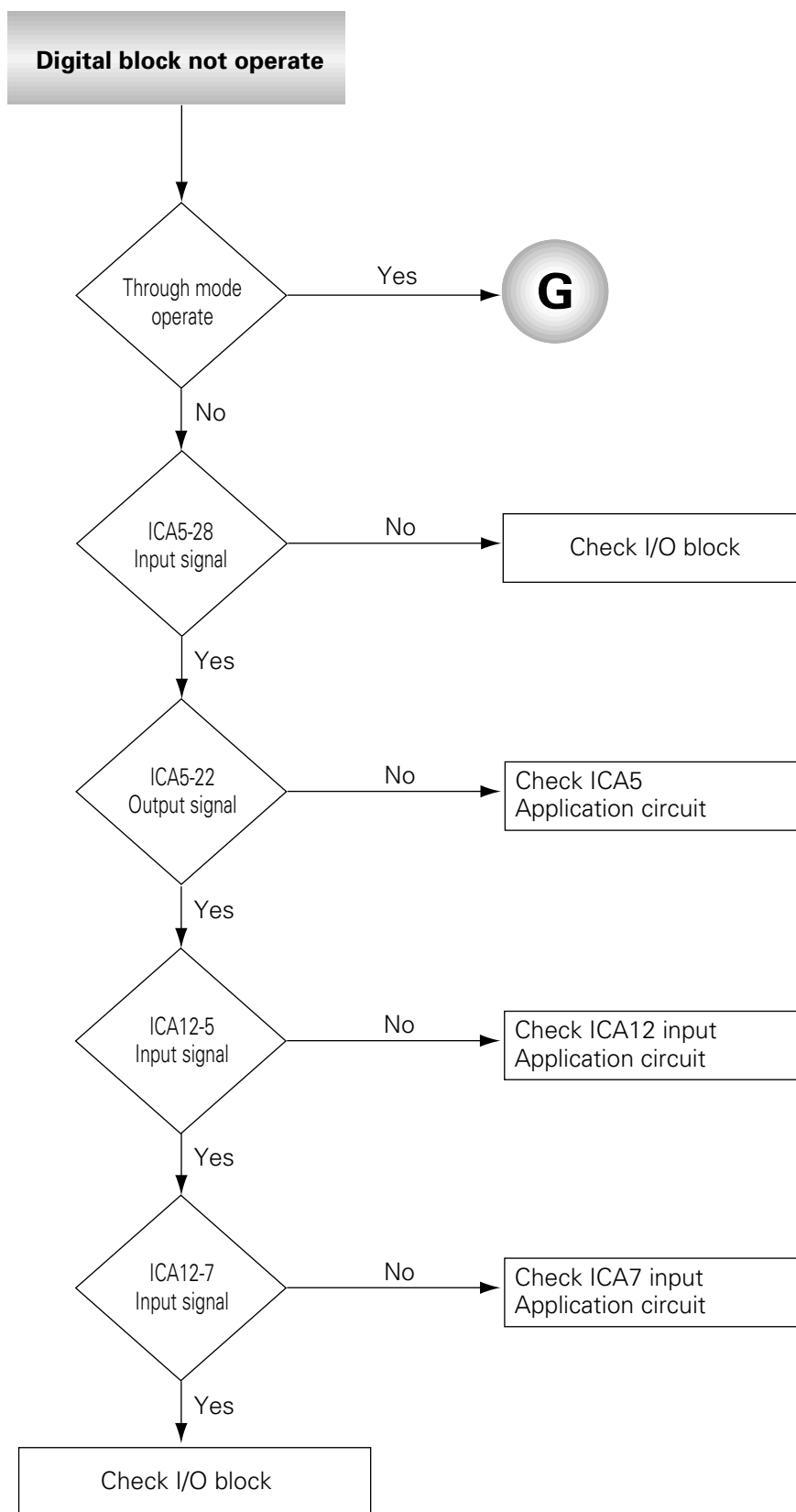
**(HI-FI)**

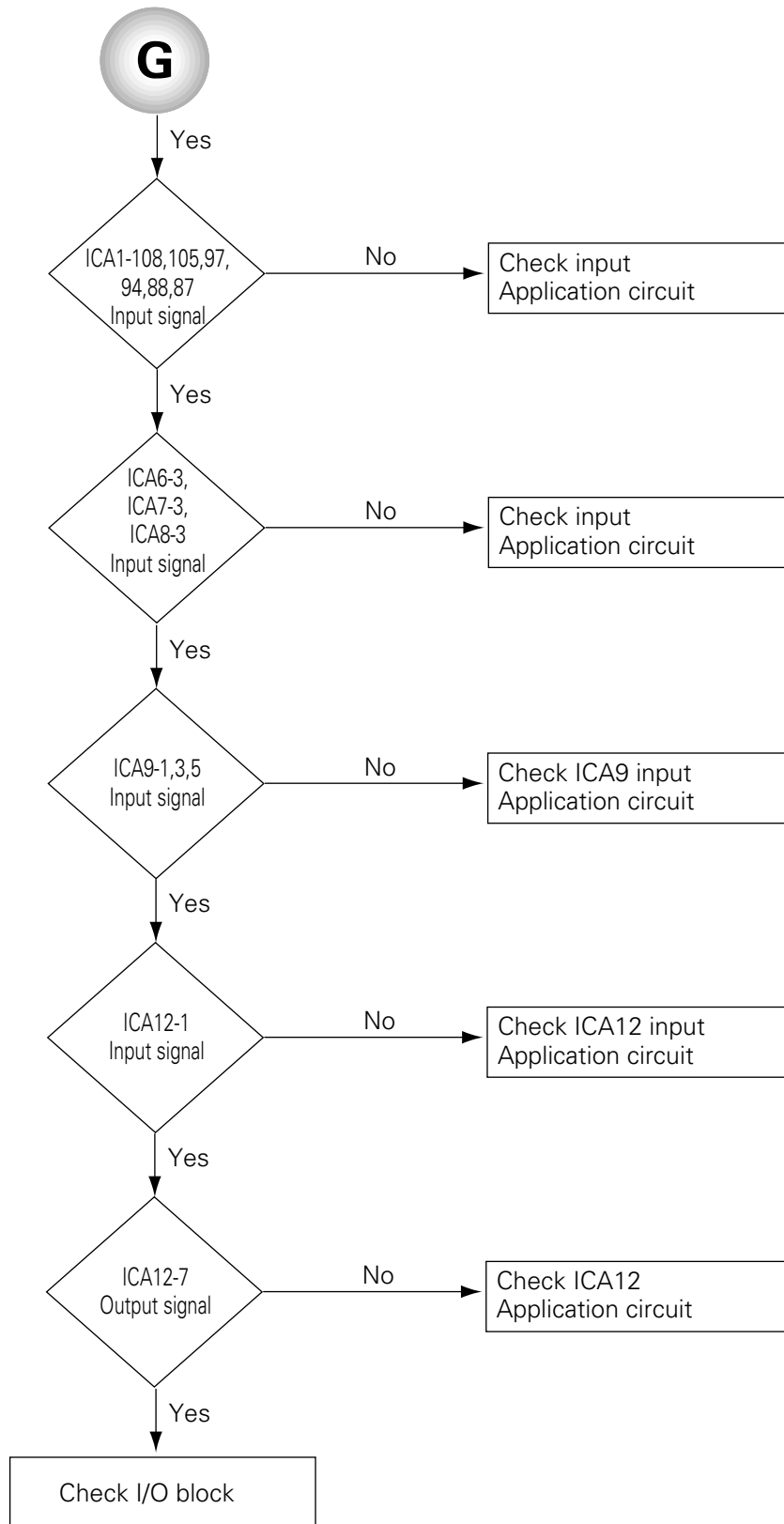












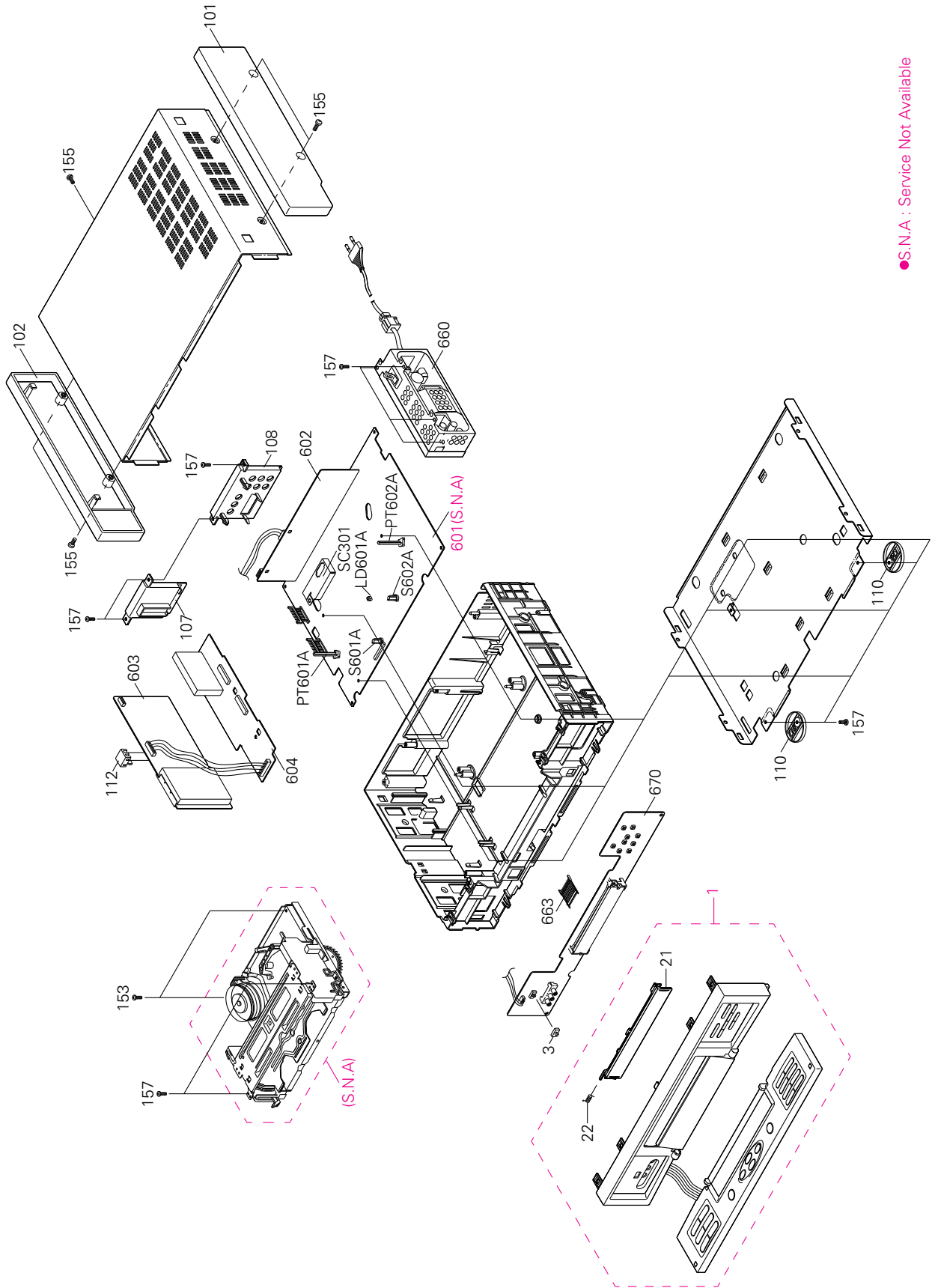
---

## 7. Exploded View and Parts List

---

	<b>Page</b>
<b>7-1 Cabinet Assembly</b> - - - - -	<b>7-2</b>
<b>7-2 Mechanical Parts (Top Side)</b> - - - - -	<b>7-4</b>
<b>7-3 Mechanical Parts (Bottom Side)</b> - - - - -	<b>7-6</b>
<b>7-4 Housing Assembly</b> - - - - -	<b>7-8</b>
<b>7-5 Remote Control Ass'y</b> - - - - -	<b>7-10</b>

# 7-1 Cabinet Assembly



● S.N.A : Service Not Available

Loc. No	Part No	Description and Specification	Remark
-	DO NOT ORDER	ASSY-FULL DECK(DX8-R)	(S.N.A)
1	AC98-11213E	ASSY-PANEL FRONT;SV-A400W/SEG,W/WIDE 2	
3	64084-0359-01	KNOB-SLIDE;ABS94HB BLK SV-300W	
21	AC64-50905A	DOOR-CASSETTE;SV-300W-2,ABS 94,HB,-,-,D/	
22	AC61-62003A	SPRING;- ,SUS304,(GE/RCA),-,-,-,-	
101	AC98-12024Q	ASSY-PANEL SIDE R;SV-A400W/SEG,ABS94 HB	
102	AC98-12024P	ASSY-PANEL SIDE L;SV-A400W/SEG,ABS94 HB	
107	AC61-10998A	CONNECTOR BOARD-A;(ASSY)SV-A400W/SEG,HIP	
108	AC61-10999A	CONNECTOR BOARD-B;(ASSY)SV-A400W/SEG,HIP	
110	64123-0001-00	DECORATION-LEG;ABS94HB GLD SV-7100	
112	AC61-20237A	HOLDER-PCB;ABS94HB,T2,BLK,23.1*18.5,-,-	
153	AC60-12126A	SCREW-BH;- ,BH,-,4*12,FE,FZY,-,-,-	
155	AC60-12134A	SCREW-TAP BH;- ,BH,-,2-4X16,-,FE	
157	AC60-10063A	SCREW-TAPTITE;BH,+,-,M3,L12,ZPC3,SWRCH18	
601	DO NOT ORDER	ASSY-MAIN;SV-4000W,WORLD WIDE 2	(S.N.A)
602	AC93-10825C	ASSY-I/O;SV-4000W,WORLD WIDE 2	
603	AC93-10825E	ASSY-DIGITAL;SV-4000W,WORLD WIDE 2	
604	AC93-10825D	ASSY-IF(TUNER);SV-4000W,WORLD WIDE 2	
660	AC93-10823U	ASSY-SMPS;SV-4000W,WORLD WIDE 2	
663	3711-002603	CONNECTOR-HEADER;NOWALL,20P,1R,1.5MM,STR	
670	AC93-10825A	ASSY-TIMER;SV-4000W,WORLD WIDE 2	
LD601A	AC61-22345A	HOLDER-LED;POM,-,-,-,-,-	
PT601A	AC61-22344A	HOLDER-PHOTO;POM,-,-,-,-,-	
PT602A	AC61-22344A	HOLDER-PHOTO;POM,-,-,-,-,-	
S601A	AC61-22321A	HOLDER-TR;POM,-,-,-,-,-	
S602A	AC61-22321A	HOLDER-TR;POM,-,-,-,-,-	
SC301	AC98-12023J	ASSY-SH/CASE TOP;SV-A140F,IS-PAL ASSY S/	

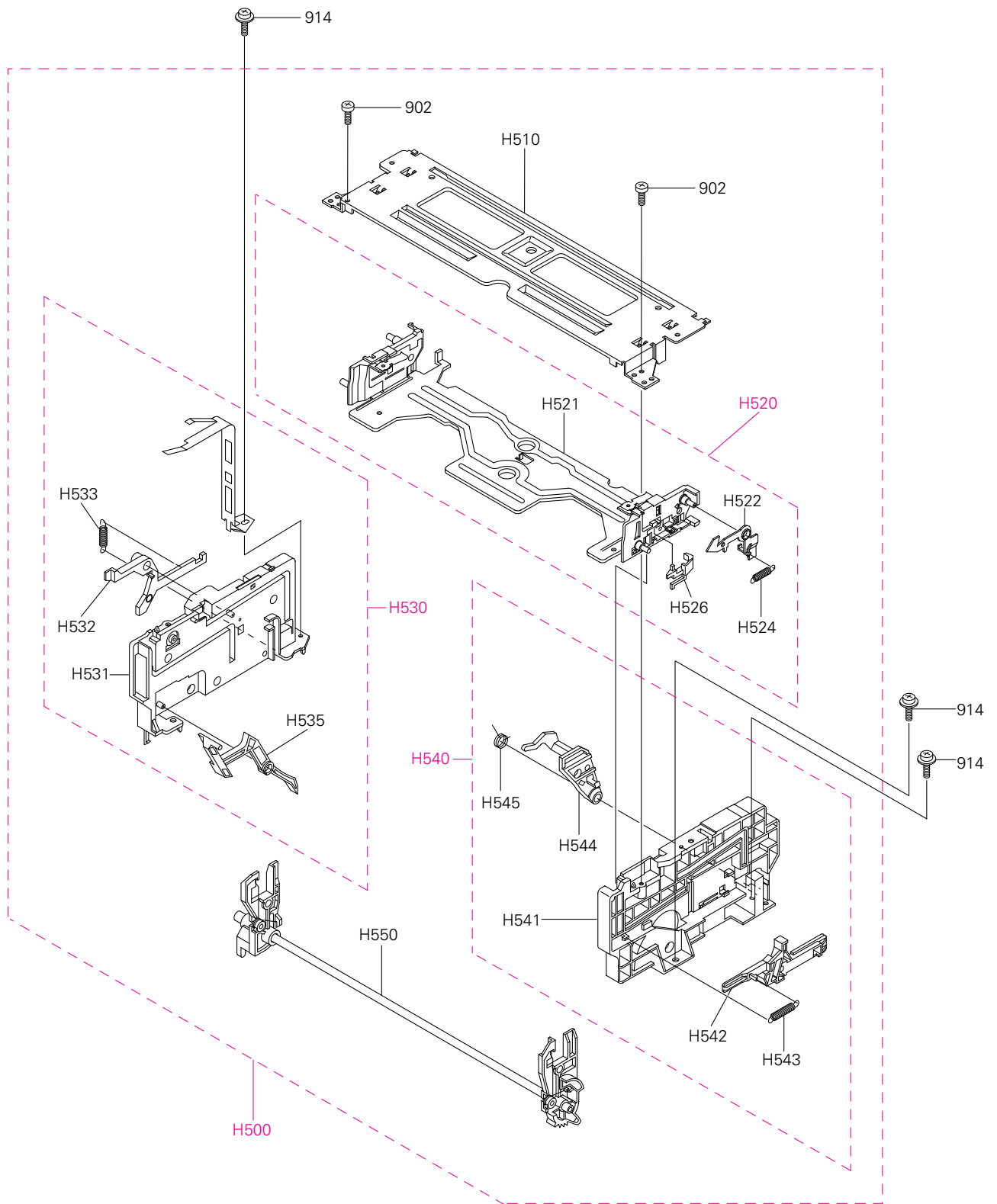


Loc. No	Part No	Description and Specification	Remark
900	AC60-12091A	SCREW-MACHINE;FP,BH,-,M3,L4,SWRCH10A,YEL ROB	
901	AC60-10012A	SCREW-MACHINE;BH,+,M3,L8,-,FE,-,-,-	
904	AC60-12125A	SCREW-PH;-,-,-,M3X6 TAP TITE,-,-,-,-,-	
905	AC60-12096A	SCREW-MACHINE;FP,PH,-,M2.6,X10,SWRCH1-A,YEL	
912	67094-604-710	SCREW-DAMPER;M2.0X7.0 SWCM 10(MFZN2-C)	
919	AC60-10004A	SCREW-MACHINE;BH,+,M3,L8,ZPC,SWRCH18A,-,-,-	
920	AC60-10007A	SCREW-TAPPING;BH,+,M2.6,L12,-,SWRCH18A,-,-,-	
952	AC60-30018A	WASHER-PLAIN;PLAIN,M3.2,D6,T0.5,POLYSLIDER,	
956	AC60-30007A	WASHER-SLIT;PLAIN,ID2.5,OD7,T0.5,SPC1,-,-	
957	AC60-30008A	WASHER-SLIT;-ID3.5,OD9,T0.5,SPC1,-,-	
T201	AC66-10023A	REEL-DISK L ASSY;POM,-,PACKAGE,X-5,-	
T202	AC66-10022A	REEL-DISK R (ASSY);POM,-,PACKAGE,X-5,-	
T203	AC66-30474A	BRAKE-SUB L;-PBT,-,-,-,X-5/IS	
T204	AC66-30148A	BRAKE SUB R-ASSY;PBT,-,-,-,X5,-	
T207	AC66-30475A	BRAKE-MAIN L ASSY;-POM+PELT,-,-,-,X-5/IS	
T208	AC66-30476A	BRAKE-MAIN R ASSY;-POM+PELT,-,-,-,X-5/IS	
T209	AC61-60112A	SPRING- BRAKE MAIN;ES,SUS304WPB,PI0.35,ID2.8,OD4.	
T210	AC66-20073A	GEAR RELAY S-ASSY;-PEBAX,M0.5,M48,SPX5,-	
T211	AC66-20037A	GEAR- RELAY T;PEBAX7033,X-5,Z39,GEAR-SPUR,D1	
T212	AC66-30073A	ARM-TENSION ASSY;-,-,-,CKD,DX5-R,-	
T216	AC61-60119A	SPRING TENSION;ES,SWPB,PI0.35,ID2.1,L33(OD3.8),-	
T217	AC66-30470A	LEVER-REC S/W;-PBT #3300,T4.0,L32,-,X-5/IS	
T218	AC61-62017A	SPRING-SUB BRAKE L;ES,SUS304,PI0.23,D3.5,L14.8,-	
T219	AC33-10003P	HEAD- MAGNET F/E;MH131S,-,-,-,L51.05XW7.4XH12.3	
T220	AC66-82050A	SLIDER-G/R ASSY(S);-,-,-,-,X-5	
T221	AC66-82059A	SLIDER-G/R ASSY T;-,-,-,-,X-7(VW-31H)	
T222	AC33-10002E	HEAD-CLEANER;-,-,-,-,X-5	(OPTIONAL)
T223	AC66-20065A	RACK-HOUSING;L74.29,POM M90-44,BLK,M1,3.14,	
T224	AC33-10215A	HEAD-ACE ALL ASSY;-X-7,-,-,-	
T225	AC66-80005A	SLIDER-PINCH;POM(M90-44),T2,L54.35,NAT,DX-5	
T226	AC66-30014A	LEVER-REVIEW;ZYTEL(70G-43L),T3.8,-,PCD25.6,	
T227	AC66-30099A	ARM REVIEW CKD;-,-,-,-,DX5-RV,-	
T228	AC66-30013A	LEVER-PINCH CAM;PBT 6300T,-,L45,W9,X-5,-	
T229	AC66-30003A	LEVER PINCH COUP;PBT 3300,T7.5,L45.25,-,-,X-5	
T230	AC61-60116A	SPRING- PINCH COMP;TS,SWPB,PI1.0,D6,L38(OD8),-	
T231	AC67-32001A	PRISM-LED;PMMA,D5,IF-850,-,-,-	
T232	AC66-82049A	SLIDER-PUSH;LUPOX 2150,T2,-,NTR,-	
T233	AC61-62016A	SPRING-SLIDE PUSH;ES,SUS304WPB,PI0.55,D3.55,L24.	
T234	AC59-90001B	UNIT-PINCH ROLLER;X-5,-,YAMAUCHI	
T236	AC66-10010A	IDLER-ASSY;PACKAGE,-,X-5,-	
T237	AC61-40054A	STOPPER-TAPE;POM M90-44,OD7,T1.5,NTR,X-5,-	(OPTIONAL)
T238	AC61-60132A	SPRING ARM PINCH;CS,SUS304WPB,PI0.4,D7.1,OD7.9,	
T239	AC66-30132A	LEVER JOG-ASSY;-,-,-,-,X5,-	(DX8-R/RC ONLY)
T240	AC61-60505A	SPRING-REC S/W;-ES,SUS304 WPB,PI0.29,PI3.5,-	
T300	AC96-10475W	ASSY-CYLINDER;-CX5-H6P/SEMA/W/DLC	
T302	AC31-12001M	MOTOR-CYLINDER;E20XL03,-,-	
T303	AC33-12004S	HEAD-BRUSH(ASSY);SECC20/20+CARBON,-,-,-,-	
T309	AC73-12001A	RETRINER-RUBBER(ASSY);SECC+SILICON,-,-,-	



Loc. No	Part No	Description and Specification	Remark
902	AC60-10051A	SCREW-TAPPING;BH,-,-,M3,L8,FZY	
918	AC60-10006A	SCREW-MACHINE;BH,+I90,M2.6,L7,ZPC,SWRCH18A,-	
922	67008-130-171	SCREW PH;+M3X3 FE FZY	
951	AC60-30025A	WASHER-SLIT;-ID2.5,OD5.0,T0.5,POLY SLIDE,	
952	AC60-30018A	WASHER-PLAIN;PLAIN,M3.2,D6,T0.5,POLYSLIDER,	
956	AC60-30007A	WASHER-SLIT;PLAIN,ID2.5,OD7,T0.5,SPC1,-,-	
958	AC60-30028A	WASHER-SLIT;-D2.5,D9.0,T0.5,NUMIRROR,-,-	
B251	AC66-80003A	SILDER- MAIN;PBT2002K,T12.4,L206.2,NAT	
B252	AC66-20019A	GEAR-LOADING L ASSY;-,-,-,PACKAGE,-,X5,-	
B253	AC66-20069A	GEAR LOADING R;-,-,-,-,X5,-	
B254	AC61-60115A	SPRING-BRAKE CAPSTAN;ES,SUS304WPB,PI0.4,D22,L16.1(	
B255	AC66-20004A	GEAR-MASTER;POM (M90-44),M 1,Z 60,SP,-,X-5	
B256	AC31-12001R	MOTOR-D/D CAPSTAN;DMVCMC06A,-,-	
B257	AC66-62008A	BELT-CAPSTAN;-DLB-601,T2.8,L134,9,BLK	
B258	AC66-20066A	CLUTCH-ASSY;-,-,-,-,X5,-	
B259	AC66-32185A	LEVER-SLIDER PINCH;PBT,T4,NAT,-,-,-	
B260	AC66-20016A	GEAR- WORM WHEEL;POM SW-01,M0.55/M1,Z57/Z10,GEA	
B261	AC66-30011A	LEVER- SHIFT;PBT2002K,T10.9,L35,-,-,-	
B262	AC66-30012A	LEVER- IDELR CHANGE;PBT330,T3.3,L50,-,W6.0,-	
B263	AC61-60111A	SPRING-LEVER SHIFT;TS,SWPB,PI0.7,D5.5,L13.8(OD6.9	
B264	AC59-90001A	UNIT-LOADING ASSY;X5,-,-	
B265	66823-0060-00	MOTOR-LOADING ASSY;POM+RF370C X-5	
B266	AC66-20039A	GEAR- WORM LO;PBT 2002K,-,-,-,D4.5,3,-	
B267	AC61-20224A	HOLDER SHAFT;POM M90-44,T1.25,NAT,PI5XH5.5,	
B268	AC66-30149A	BRAKE CAPSTAN-ASSY;POM,-,-,-,X5,-	

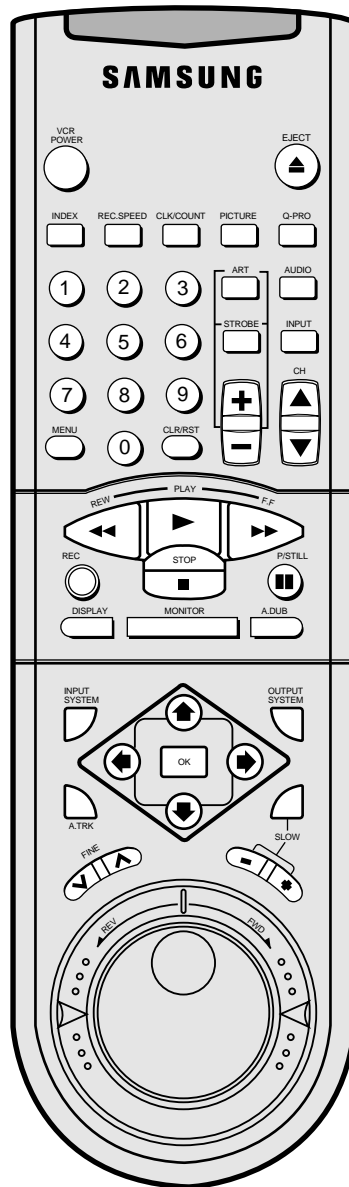
## 7-4 Housing Assembly



Loc. No	Part No	Description and Specification	Remark
902	AC60-10051A	SCREW-TAPPING;BH,-,-,M3,L8,FZY	
914	AC60-10067A	SCREW-TAPTITE;PWH,+,-,M3,L8,MFZN2-C,SWCH1018	
H500	AC61-82014D	HOUSING-ASSY;-X7FL26280B,230X130X60,-,X-7	
H510	AC61-10006A	CHASSIS- UPPER;SECC 20/20,-,T1.0,BLK,-,X5,-	
H520	AC61-20932B	HOLDER-CASSETTE ASSY;-X5FL06080A,-,-,-,X-7	
H521	AC61-20922B	HOLDER-CASSETTE;-SECC T1.2,-,NAT,-,X-7	
H522	AC66-30018A	LEVER-LOCK R;SECC 20/20,T1.2,L44,W32,-,-	
H524	AC61-60121A	SPRING-LEVER LOCK;ES,SUS304 WPB,PI0.2,D2.6,L9.9(	
H526	AC66-30019A	LEVER-KEY CASSETTE;LUCEL N109-LD,T2.5,L20,W15.2,-	
H530	62203-0105-00	CHASSIS-SIDE L(ASSY);ABS X5FL0505A X-5	
H531	AC61-10004A	CHASSIS- SIDE L;ABS HF-380,-,T10,BLK,-,X5,BLK	
H532	AC66-30004A	LEVER- LIGHT SHUTTER;LUCEL N109-LD,T2.5,L61.7,BLK,	
H533	AC61-60142A	SPRING- LIGHT;ES,SUS304WPB,PI0.2,L11.4(OD3.7	
H535	AC66-30017A	LEVER- DOOR;LUCELN109-LD,T5,L74.3,W21.1,-,	
H540	62203-0104-00	CHASSIS-SIDE R(ASSY);ABS X5FL0505A X-5	
H541	AC61-10003A	CHASSIS- SIDE R;ABS HF-380,-,T10,BLK,-,X5,BLK	
H542	AC66-80008A	SLIDER DAMPER;LUCEL N109-LD,T4,L87,-,-,-	
H543	AC61-60120A	SPRING-SLIDE DAMPER;ES,SUS 304WPB,PI0.4,D3.8,L25(O	
H544	AC66-30016A	LEVER- LID OPENER;LUCEL N109-LD,T5.0,L34.7,W16.6	
H545	AC61-60123A	SPRING-LID OPENER;TS,SWPB,PI0.55,D8.9,L15(OD10),	
H550	61403-0073-00	SHAFT-ARM(ASSY);SUM24L X5FL0405A X-5	

### 7-5 Remote Control Ass'y

Loc. No	Part No	Description and Specification	Remark
	<b>AC59-10340F</b>	<b>REMOCON-ASSY;-,-,NR-4250,-,-,SV-4000W,S/S</b>	
	AC64-50919A	DOOR-BATTERY REM';-,-,ABS94,HB,-,-,D/GRY,N	
CT1	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
CT2	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
DT1	0407-000152	DIODE-ARRAY;MA159,80V,100MA,CX2,SOT-143,	
ICT1	AC09-10453K	IC-MCU;Z86L7608,A160,28P,QFP,A120U,8B	
JST1	AC21-12001B	JOG-SHUTTLE DAIL;-,-,-,-,-,SRGPPJ-013A	
LDT1	A4150-0168	LED-INFRARED;SI5312-H NTR 940NM/1.4V	
QT1	0501-000592	TR-SMALL SIGNAL;2SD1781K-QR,NPN,200MW,SO	
RT1	2007-000034	R-CHIP;1ohm,5%,1/8W,DA,TP,3216	
RT2	2007-000593	R-CHIP;22ohm,5%,1/10W,DA,TP,2012	
RT3	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
RT7	2007-000308	R-CHIP;10ohm,5%,1/10W,DA,TP,2012	
XT1	B1283-0036	RESONATOR-CERAMIC;8MHZ EFOEC8004T4 3/CN	



## 8. Electrical Parts List

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
<b>660</b>	<b>AC93-10823U</b>	<b>ASSY-SMPS;SV-4000W,WORLD WIDE 2</b>		R18	2003-000119	R-METAL OXIDE;0.68OHM,5%,2W,AE,TP,6X16MM	
BD01	0402-000103	△ DIODE-BRIDGE;D2SBA60,600V,1.5A,-		R20	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C01	2305-001021	△ C-FILM,MPEF;100NF,20%,275V,TP,17.5X7X13.		R21	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C02	2305-001021	△ C-FILM,MPEF;100NF,20%,275V,TP,17.5X7X13.		R22	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C03	2201-000808	△ C-CERAMIC,DISC;2.2NF,10%,400V,Y5P,TP,12X		R23	2001-000458	R-CARBON;2.2OHM,5%,1/8W,AA,TP,1.8X3.2MM	
C04	2201-000808	△ C-CERAMIC,DISC;2.2NF,10%,400V,Y5P,TP,12X		R24	2006-001003	R-CEMENT;120KOHM,5%,5W,CB,BK,13X9X25MM	
C05	2201-000808	△ C-CERAMIC,DISC;2.2NF,10%,400V,Y5P,TP,12X		R31	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP,1.8X3.2MM	
C06	2201-000808	△ C-CERAMIC,DISC;2.2NF,10%,400V,Y5P,TP,12X		R32	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C07	2401-000342	△ C-AL;100UF,20%,400V,WT,-,33X30,10MM		R33	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C11	2401-000306	C-AL;100UF,20%,25V,GP,TP,6.3X11MM,2		R34	2004-000869	R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
C12	2401-000306	C-AL;100UF,20%,25V,GP,TP,6.3X11MM,2		R35	2004-000459	R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3.2m	
C13	2301-000140	C-FILM,PEF;10NF,10%,630V,BK,16.5X9.5X5.7		R36	2003-000148	R-METAL OXIDE;100OHM,5%,2W,AE,TP,6X16MM	
C14	2301-000365	C-FILM,PEF;1.5NF,10%,50V,TP,5.5X7X2.8MM,		VA01	1405-000186	△ VARISTOR;470V,4500A,17X12MM,TP	
C15	2201-000915	C-CERAMIC,DISC;100PF,10%,1KV,Y5P,TP,6X5,		VA02	1405-000186	△ VARISTOR;470V,4500A,17X12MM,TP	
C31	2401-000392	C-AL;10UF,20%,100V,WT,TP,6.3X11,2.5		<b>601</b>	<b>AC93-10824Z</b>	<b>ASSY-MAIN;SV-4000W,WORLD WIDE 2</b>	
C32	2401-001134	C-AL;330UF,20%,35V,WT,TP,10X16,5MM		<b>POWER PARTS</b>			
C33	2401-002162	C-AL;1000UF,20%,25V,GP,TP,10X20,5MM		C101	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5	
C34	2401-001125	C-AL;330UF,20%,25V,WT,TP,10X12.5,5M		C102	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
C35	2401-000680	C-AL;2200UF,20%,10V,LZ,TP,12.5X25MM		C103	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM	
C36	2401-001125	C-AL;330UF,20%,25V,WT,TP,10X12.5,5M		C104	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM	
C37	2401-001902	C-AL;100UF,20%,50V,GP,-,6.3X11,2.5		C105	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
C38	2401-001902	C-AL;100UF,20%,50V,GP,-,6.3X11,2.5		C106	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
C39	2301-000129	C-FILM,PEF;100NF,5%,50V,TP,10X9X4.3X5,5M		C107	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,	
C40	2301-000383	C-FILM,PEF;10NF,5%,50V,TP,6X7X3.2MM,5MM		C108	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
CN1	A6010-0407	CONNECTOR-WAFER;28-5085-009-000 BLK		C109	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5,5	
D11	0402-000387	DIODE-RECTIFIER;D1N60,600V,1A,-55TO+150C		C111	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
D12	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		C112	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
D13	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		C113	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
D14	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		CN101	A6010-0406	CONNECTOR-WAFER;18-5085-009-000 BLK	
D15	0402-000378	DIODE-RECTIFIER;EG01C,1000V,500MA,DO-41		CN102	AC39-20817L	LEAD CONNECTOR-ASSY;5264-03,5395-03,3P	
D31	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		D101	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
D32	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		D102	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
D33	B4102-0050	DIODE-FR;D3L20U 200V 2.5A 35NS STICK		D103	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
D34	0404-000128	DIODE-SCHOTTKY;FMB-G14L,45V,5A,TO-220F,T		D104	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
D35	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		D105	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
D36	0402-001013	DIODE-RECTIFIER;1SR153-400,400V,800MA,DO		D106	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
F01	A3065-0198	△ FUSE;DEMKO FST 250V 2A 5X20MM S505 C HCB		D107	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
IC01	AC14-12012N	△ IC-S/W REGU;STR-S6707,DIP,-		D108	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
IC02	B4161-0019	△ PHOTO-COUPLER;PC121FY		IC102	AC14-12001E	IC-KA7809,-,-	
IC03	AC14-12006D	△ IC;KA431Z,TO-92,TAPING		IC103	B4008-1011	IC-VOLT REGU;PQ12RF11 SIP 4-LEAD	
L01	AC27-32001E	△ COIL-LINE FILTER;SHL030,25MH,1.5,STICK,-		IC104	1203-000294	IC-POS.FIXED REG.;7808,TO-220,3P,-,PLAS	
L02	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,		Q101	0504-000116	TR-DIGITAL;KSR1001,NPN,300MW,4.7K-4.7K,T	
L03	AC27-12001N	COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-		Q102	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,	
L04	AC27-12001N	COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-		Q104	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
L05	AC27-12001N	COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-		Q105	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
PT01	AC26-20120G	△ TRANS-SWITCHING;-;100-240V,WORLD,EER3531		Q106	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K-22K,TO-	
PWC	AC39-10200D	△ POWER-CORD;-;KJP-140(0.5MH),H033VVH2-F,1		Q107	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,	
R01	2006-000261	R-CEMENT;2.7OHM,10%,2W,CB,BK,7.5X11X20.		R101	2001-000613	R-CARBON;2.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R11	2004-000801	R-METAL;33Kohm,5%,1/4W,AA,TP,2.4x6.4mm		R102	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R12	2004-000801	R-METAL;33Kohm,5%,1/4W,AA,TP,2.4x6.4mm		R103	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R13	2004-000801	R-METAL;33Kohm,5%,1/4W,AA,TP,2.4x6.4mm		R105	2004-001096	R-METAL;560ohm,5%,1/4W,AA,TP,2.4X6.4mm	
R14	2004-001214	R-METAL;7.5OHM,5%,1/4W,AA,TP,2.4X6.4MM		R106	2004-000571	R-METAL;220ohm,5%,1/4W,AA,TP,2.4x6.4mm	
R15	2003-000313	R-METAL OXIDE;47OHM,5%,2W,AD,TP,6X16MM		R107	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R16	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R108	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R17	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		R109	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Electrical Parts List

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
ZD101	0403-000557	DIODE-ZENER;MTZ5.1C,5.1V,5.09-5.37V,500M		C696	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
<b>SYSTEM CONTROL/SERVO PARTS</b>				C697	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5.5	
C601	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		C698	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C602	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5P,TP,2		CN601	3710-000546	CONNECTOR-SOCKET;20P,1R,1.5MM,ANGLE,SN	
C603	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		CN602	3711-002445	CONNECTOR-HEADER;BOX,2P,2R,1.5MM,STRAIGH	
C604	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2		CN603	3711-003105	CONNECTOR-HEADER;BOX,10P,2R,2.0MM,STRAIG	
C605	2203-000363	C-CERAMIC,CHIP;150PF,5%,50V,NPO,TP,2012,		CN604	3711-002444	CONNECTOR-HEADER;BOX,6P,2R,2.0MM,STRAIGH	
C606	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,		CN606	3711-002195	CONNECTOR-HEADER;NOWALL,14P,1R,2.0MM,STR	
C607	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2		CN607	3711-002195	CONNECTOR-HEADER;NOWALL,14P,1R,2.0MM,STR	
C608	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012		D603	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
C609	2203-001679	C-CERAMIC,CHIP;68NF,+80-20%,25V,Y5V,TP,2		D605	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
C610	2203-001679	C-CERAMIC,CHIP;68NF,+80-20%,25V,Y5V,TP,2		D606	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C611	2203-000533	C-CERAMIC,CHIP;2.7nF,10%,50V,X7R,TP,2012		D607	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C612	2203-000363	C-CERAMIC,CHIP;150PF,5%,50V,NPO,TP,2012,		D608	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C613	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		D609	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C614	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		D610	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C615	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2		D611	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C616	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		D612	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
C617	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		D6D02	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41	
C618	2203-001702	C-CERAMIC,CHIP;2.2NF,5%,50V,X7R,TP,2012,		IC601	AC09-10454Y	IC-MCU;HD6433977RAF,A400W,1024,8,SV-A	
C619	2203-001246	C-CERAMIC,CHIP;82PF,5%,50V,NPO,TP,2012,-		IC602	AC14-12003K	IC;KA8301(N.M),-,-	
C620	2203-001246	C-CERAMIC,CHIP;82PF,5%,50V,NPO,TP,2012,-		IC603	AC14-12001K	IC;KA324,-,-	
C622	2203-001608	C-CERAMIC,CHIP;22NF,+80-20%,50V,Y5V,TP,2		IC604	AC14-12006C	IC;KA7533,DIP,-	
C623	2203-000392	C-CERAMIC,CHIP;15PF,5%,50V,SL,TP,2012,-		IC605	1103-001020	IC-EEPROM;24LC04,4Kx8BIT,DIP,8P,300MIL,-	
C624	2203-000392	C-CERAMIC,CHIP;15PF,5%,50V,SL,TP,2012,-		IC606	AC14-12009E	IC;HCF4094BE/TC4094BP,DIP,LOGIC	
C625	2203-000392	C-CERAMIC,CHIP;15PF,5%,50V,SL,TP,2012,-		IC607	AC14-12009E	IC;HCF4094BE/TC4094BP,DIP,LOGIC	
C626	2203-000392	C-CERAMIC,CHIP;15PF,5%,50V,SL,TP,2012,-		IC609	AC14-12012Q	IC-VOLG REGU;PQ05RF11,SIP,-	
C627	2203-001608	C-CERAMIC,CHIP;22NF,+80-20%,50V,Y5V,TP,2		L601	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C628	2203-001608	C-CERAMIC,CHIP;22NF,+80-20%,50V,Y5V,TP,2		L602	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C629	2202-000780	C-CERAMIC,MLC-AXIAL;100NF,+80-20%,50V,Y5		L603	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C630	2301-000129	C-FILM,PEF;100NF,5%,50V,TP,10X9X4.3X5,5M		L604	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,	
C631	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		L606	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,	
C633	2401-001904	C-AL;10UF,20%,16V,-,TP,4X7MM,5		L607	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C634	2409-000108	C-EDL;0.1F,-,5.5V,-,TP,12.5X11.5X5,5		LD601	0601-000495	LED-IR;ROUND,3MM,1500MW,6V,950NM,BK	
C635	2401-000199	C-AL;1000UF,20%,6.3V,GP,TP,10X12.5,		PT601	0604-000188	PHOTO-INTERRUPTER;TR,-,-,DIP-4,TR	
C636	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5,5		PT602	0604-000188	PHOTO-INTERRUPTER;TR,-,-,DIP-4,TR	
C637	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5,5		Q601	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
C638	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		Q602	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
C639	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-		Q603	0501-000231	TR-SMALL SIGNAL;2SD1468SQ,NPN,300MW,TO-9	
C640	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5,5		Q604	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
C641	2401-000753	C-AL;220NF,20%,50V,GP,TP,3X5,5		Q605	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C642	2401-000918	C-AL;22UF,20%,16V,GP,-,6.3X7,5		Q606	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C643	2401-001164	C-AL;33UF,20%,16V,GP,-,5X11,2MM		R601	2007-001001	R-CHIP;510ohm,5%,1/10W,DA,TP,2012	
C644	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		R602	2007-000804	R-CHIP;36Kohm,5%,1/10W,DA,TP,2012	
C645	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		R603	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C647	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2		R604	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C648	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,		R605	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C649	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,		R606	2007-000658	R-CHIP;27ohm,5%,1/10W,DA,TP,2012	
C650	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2		R607	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C651	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		R608	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
C652	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R609	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C653	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R610	2001-000282	R-CARBON;10KOHM,1%,1/8W,AD,TP,1.8X3.2MM	
C654	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		R6100	2007-000710	R-CHIP;3.9Kohm,5%,1/10W,DA,TP,2012	
C660	2202-000850	C-CERAMIC,MLC-AXIAL;2.2NF,30%,16V,Y5R,TP		R6105	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C661	2202-000850	C-CERAMIC,MLC-AXIAL;2.2NF,30%,16V,Y5R,TP		R611	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C663	2203-001608	C-CERAMIC,CHIP;22NF,+80-20%,50V,Y5V,TP,2		R6116	2001-001031	R-CARBON;91KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C681	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R6117	2007-001024	R-CHIP-HARNESS;560KOHM,5%,1/10W,DA,TP,20	
C682	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R6119	2007-001039	R-CHIP;56Kohm,5%,1/10W,DA,TP,2012	
C683	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		R612	2001-000282	R-CARBON;1KOHM,1%,1/8W,AD,TP,1.8X3.2MM	
C684	2202-000780	C-CERAMIC,MLC-AXIAL;100NF,+80-20%,50V,Y5		R6124	2007-000738	R-CHIP;30Kohm,5%,1/10W,DA,TP,2012	

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
R6125	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R665	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R613	2001-000290	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R666	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R6131	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R667	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R6132	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R668	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R6133	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R669	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
R6134	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R670	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
R6135	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R671	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R614	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		R672	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
R6140	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		R673	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R6141	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		R674	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R615	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		R675	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R616	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM		R676	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R617	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		R677	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R618	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		R678	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R619	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		R679	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R620	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM		R680	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R621	61048-177-563	R-CARBON;RD 1/8 T 563-J		R681	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R622	2001-000290	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R682	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R623	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R684	2007-000668	R-CHIP;2Kohm,1%,1/10W,DA,TP,2012	
R624	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012		R685	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R625	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		R686	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R626	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R687	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
R627	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		R688	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R628	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		R689	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R629	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		R690	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R630	2001-000837	R-CARBON;51KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R691	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R631	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R692	2001-000837	R-CARBON;51KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R632	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R693	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R633	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M		R694	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
R634	2007-000355	R-CHIP;12Kohm,5%,1/10W,DA,TP,2012		R695	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
R635	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R696	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R636	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		R697	2003-000259	R-METAL OXIDE;3.9OHM,5%,2W,AE,TP,6X16MM	
R637	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		RS601	3409-000176	SWITCH-DETECTOR;30VDC,100MA,SPST,-	
R638	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		S601	0603-000112	PHOTO-TR;NPN,35V,6V,50MA,75MW,-	
R639	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		S602	0603-000112	PHOTO-TR;NPN,35V,6V,50MA,75MW,-	
R640	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		SW601	AC34-22001E	SWITCH-PROGRAM;MXS00281MLB0,-,-,-,-,-,-,-,-	
R641	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		XT601	2801-003293	CRYSTAL-UNIT;10MHZ,50PPM,28-AAA,16PF,500	
R642	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		XT602	64539-021-009	CRYSTAL;32.768KHZ	
R643	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		<b>AUDIO/VIDEO PARTS</b>			
R644	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C305	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R645	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C306	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R646	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C307	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R647	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		C308	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R648	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C309	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R649	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C310	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R650	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C311	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R651	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012		C312	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R652	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C313	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R653	2007-001039	R-CHIP;56Kohm,5%,1/10W,DA,TP,2012		C314	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
R654	2007-001039	R-CHIP;56Kohm,5%,1/10W,DA,TP,2012		C315	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,	
R655	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM		C316	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R656	2007-000703	R-CHIP;3.6Kohm,5%,1/10W,DA,TP,2012		C317	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM	
R657	2007-000430	R-CHIP;16Kohm,5%,1/10W,DA,TP,2012		C319	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
R658	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012		C320	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R659	2007-000430	R-CHIP;16Kohm,5%,1/10W,DA,TP,2012		C321	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,	
R660	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		C322	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R661	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C324	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
R662	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C325	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R663	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C326	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,	
R664	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C327	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	

Electrical Parts List

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
C328	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2		C3A13	2203-001592	C-CERAMIC,CHIP;1nF,5%,50V,X7R,TP,2012,2M	
C329	2203-002188	C-CERAMIC,CHIP;10nF,+80-20%,16V,Y5V,TP,2		C3A15	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
C330	2202-000797	C-CERAMIC,MLC-AXIAL;10nF,30%,16V,Y5P,TP,		C3A16	2401-001912	C-AL;1UF,20%,50V,GP,BK,5X11MM,2MM	
C331	2401-000918	C-AL;22UF,20%,16V,GP,-,6.3X7,5		C3A17	2203-001105	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,2012	
C332	2203-001524	C-CERAMIC,CHIP;47PF,5%,50V,NPO,TP,2012,-		C3A18	2203-001105	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,2012	
C333	2203-000840	C-CERAMIC,CHIP;390PF,5%,50V,NPO,TP,2012,		C3A19	2203-001214	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,2012	
C335	2203-000392	C-CERAMIC,CHIP;15PF,5%,50V,SL,TP,2012,-		C3A21	2401-000918	C-AL;22UF,20%,16V,GP,-,6.3X7,5	
C336	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,		C3A22	2301-000217	C-FILM,PEF;220NF,5%,50V,TP,8.0X9.5X4.5X5	
C337	2203-000540	C-CERAMIC,CHIP;200PF,5%,50V,NPO,TP,2012,		C3A23	2401-001164	C-AL;33UF,20%,16V,GP,-,5X11,2MM	
C338	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		C3A25	2202-000780	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,Y5	
C339	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,		C3A26	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
C340	2401-001965	C-AL;470NF,20%,50V,-,BK,4X7MM,1.5MM		C3A27	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-	
C3407	2301-000402	C-FILM,PEF;1nF,5%,50V,TP,5X7X2.8MM,5MM		C3A28	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C3408	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		C3A29	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
C3409	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5		C3A30	2203-000374	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,2012,	
C341	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		C3A31	2203-000374	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,2012,	
C342	2202-000780	C-CERAMIC,MLC-AXIAL;100NF,+80-20%,50V,Y5		C5D01	B1102-0113	C-FILM,CQ 922 P 100V 473-J CQ298PVT473J	
C343	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		C5D03	2203-000295	C-CERAMIC,CHIP;10pF,5%,50V,NPO,TP,2012,-	
C344	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-		C5D04	2301-000264	C-FILM,PEF;4.7nF,5%,50V,TP,6.5X5.5X3.0X5	
C345	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012		C5D05	2301-000383	C-FILM,PEF;10NF,5%,50V,TP,6X7X3.2MM,5MM	
C346	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		CN301	3708-000391	CONNECTOR-FPC/FC/PIC;10P,1.25MM,STRAIGHT	
C347	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-		CN3A01	3708-001053	CONNECTOR-FPC/FC/PIC;7P,1.25MM,STRAIGHT,	
C348	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		CN3A02	3711-000371	CONNECTOR-HEADER,-,2P,1R,2MM,STRAIGHT,-	
C349	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		D301	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C350	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		FL3A01	AC27-80100A	COIL-OSC;126QN-K5272YHC-K,-,AM	
C351	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012		FL5D01	AC27-82001C	COIL-BIAS OSC;B02,W(TOKO)VX1850,-	
C352	2401-002183	C-AL;220UF,20%,16V,GP,TP,8X9,5MM		IC301	1204-001056	IC-SIGNAL PROCESSOR;SS11501M,QFP,80P,-,P	
C353	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		IC302	AC14-12013F	IC-LINEAR;LA7416,DIP,BULK	
C355	2202-000797	C-CERAMIC,MLC-AXIAL;10nF,30%,16V,Y5P,TP,		IC303	1209-001024	IC-DELAY LINE;SS23378M,SOP,14P,225MIL,PL	
C356	2203-002188	C-CERAMIC,CHIP;10nF,+80-20%,16V,Y5V,TP,2		L301	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C357	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		L303	2702-000176	INDUCTOR-RADIAL;56UH,5%,6X6.4MM	
C358	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		L304	2702-000176	INDUCTOR-RADIAL;56UH,5%,6X6.4MM	
C359	2203-002188	C-CERAMIC,CHIP;10nF,+80-20%,16V,Y5V,TP,2		L308	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C360	2202-000780	C-CERAMIC,MLC-AXIAL;100NF,+80-20%,50V,Y5		L3A02	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C361	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		L3A03	2702-000120	INDUCTOR-RADIAL;15MH,5%,6.2X7.4MM	
C362	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		L3A04	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C363	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V		L5D01	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C364	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		Q302	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
C366	2202-000797	C-CERAMIC,MLC-AXIAL;10nF,30%,16V,Y5P,TP,		Q303	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
C367	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		Q304	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
C368	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,		Q306	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C369	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5,1MM		Q307	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C370	B1102-0113	C-FILM,CQ 922 P 100V 473-J CQ298PVT473J		Q308	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C371	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		Q309	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
C373	2203-001592	C-CERAMIC,CHIP;1nF,5%,50V,X7R,TP,2012,2M		Q310	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
C374	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012		Q312	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
C380	2202-000797	C-CERAMIC,MLC-AXIAL;10nF,30%,16V,Y5P,TP,		Q315	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C381	2203-000295	C-CERAMIC,CHIP;10pF,5%,50V,NPO,TP,2012,-		Q316	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K-4.7K,T	
C382	2203-000295	C-CERAMIC,CHIP;10pF,5%,50V,NPO,TP,2012,-		Q3A01	0501-000231	TR-SMALL SIGNAL;2SD1468SQ,NPN,300MW,TO-9	
C385	2203-001525	C-CERAMIC,CHIP;56PF,5%,50V,NPO,TP,2012,-		Q3A02	0501-000231	TR-SMALL SIGNAL;2SD1468SQ,NPN,300MW,TO-9	
C386	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		Q3A03	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,70	
C3A01	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		Q3A04	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
C3A02	2301-000392	C-FILM,PEF;15NF,5%,50V,TP,6.5X8.5X3.2MM,		Q3A05	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
C3A03	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5,5		Q3A06	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C3A04	2301-000299	C-FILM,PEF;6.8NF,5%,100V,TP,5.8X12.5MM,5		Q5D01	0501-000010	TR-SMALL SIGNAL;KSC1008-Y,NPN,80V,60V,70	
C3A05	2301-000161	C-FILM,PEF;12NF,5%,50V,TP,6.5X5.5X3.0X5,		Q5D02	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K-4.7K,T	
C3A06	2301-000408	C-FILM,PEF;2.7NF,5%,50V,TP,5.5X7X3MM,5MM		Q5D03	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
C3A10	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-		R303	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
C3A11	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-		R304	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
C3A12	2301-000383	C-FILM,PEF;10NF,5%,50V,TP,6X7X3.2MM,5MM		R305	2007-000518	R-CHIP;2.7Kohm,5%,1/10W,DA,TP,2012	

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
R306	61048-177-563	R-CARBON;RD 1/8 T 563-J		R3A29	2007-000841	R-CHIP;3KOHM,1%,1/10W,DA,TP,2012	
R307	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012		R3A30	2007-000964	R-CHIP;5.1Kohm,5%,1/10W,DA,TP,2012	
R309	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012		R3A31	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
R310	2007-000710	R-CHIP;3.9Kohm,5%,1/10W,DA,TP,2012		R3A32	2007-001092	R-CHIP;620ohm,5%,1/10W,DA,TP,2012	
R311	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		R5D01	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R312	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012		R5D02	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R313	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		RD03	2007-000881	R-CHIP;4.7ohm,5%,1/10W,DA,TP,2012	
R314	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		XT301	B1280-0169	CRYSTAL;4.433619MHZ HC-49/U-S 15PPM SERI	
R315	2007-000710	R-CHIP;3.9Kohm,5%,1/10W,DA,TP,2012		XT302	64539-012-009	CRYSTAL;3.579545 HC/49U(8PF) TAPG	
R316	2007-001177	R-CHIP;8.2Kohm,5%,1/10W,DA,TP,2012		XT303	2801-001391	CRYSTAL-UNIT;3.575611MHZ,15PPM,28-AAM,S,	
R317	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012		<b>SECAM PARTS</b>			
R318	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012		C3S01	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,	
R319	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP,1.8X3.2MM		C3S02	2401-001919	C-AL;2.2UF,20%,50V,-,TP,4X7MM,5	
R320	2007-000221	R-CHIP;1.2Kohm,5%,1/10W,DA,TP,2012		C3S03	2203-001388	C-CERAMIC,CHIP;10nF,5%,50V,X7R,TP,2012,2	
R321	2001-000005	R-CARBON;390OHM,5%,1/8W,AA,TP,1.8X3.2MM		C3S04	2203-001388	C-CERAMIC,CHIP;10nF,5%,50V,X7R,TP,2012,2	
R322	2007-001092	R-CHIP;620ohm,5%,1/10W,DA,TP,2012		C3S05	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
R323	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		C3S06	2203-000363	C-CERAMIC,CHIP;150PF,5%,50V,NPO,TP,2012,	
R324	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012		C3S07	2401-001978	C-AL;47UF,20%,25V,GP,TP,6.3X5.5	
R325	2001-000003	R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM		C3S08	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
R327	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012		C3S09	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R328	2007-000221	R-CHIP;1.2Kohm,5%,1/10W,DA,TP,2012		C3S10	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,	
R329	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012		C3S11	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,	
R331	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		C3S12	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
R332	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		C3S13	2401-001965	C-AL;470NF,20%,50V,-,BK,4X7MM,1.5MM	
R333	2007-001177	R-CHIP;8.2Kohm,5%,1/10W,DA,TP,2012		C3S14	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
R334	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		C3S15	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5.5-	
R335	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012		C3S16	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	
R337	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		C3S17	2203-002188	C-CERAMIC,CHIP;10NF,+80-20%,16V,Y5V,TP,2	
R338	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		C3S19	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T	
R339	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		C3S20	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,	
R340	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012		C3S21	2401-001915	C-AL;1UF,20%,50V,GP,TP,3X5.1MM	
R341	2007-000518	R-CHIP;2.7Kohm,5%,1/10W,DA,TP,2012		C3S22	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
R342	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012		C3S23	2203-001044	C-CERAMIC,CHIP;510PF,5%,50V,NPO,TP,2012,	
R345	2007-000457	R-CHIP;18Kohm,5%,1/10W,DA,TP,2012		C3S25	2203-000295	C-CERAMIC,CHIP;10pF,5%,50V,NPO,TP,2012,-	
R350	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012		C3S26	2203-001246	C-CERAMIC,CHIP;82PF,5%,50V,NPO,TP,2012,-	
R351	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		C3S27	2203-001135	C-CERAMIC,CHIP;680PF,5%,50V,SL,TP,2012,-	
R352	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012		C3S28	2203-000477	C-CERAMIC,CHIP;1UF,+80-20%,16V,Y5V,TP,20	
R353	2007-000572	R-CHIP;220ohm,5%,1/10W,DA,TP,2012		D3S01	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
R3A02	2001-000405	R-CARBON;180OHM,5%,1/8W,AA,TP,1.8X3.2MM		IC3S01	1204-001058	IC-SIGNAL PROCESSOR;LA7337,DIP,28P,400MI	
R3A03	2007-000931	R-CHIP;470ohm,5%,1/10W,DA,TP,2012		L3S02	2702-000179	INDUCTOR-RADIAL;6.8UH,5%,6X6.4MM	
R3A04	2007-000355	R-CHIP;12Kohm,5%,1/10W,DA,TP,2012		L3S03	2701-000165	INDUCTOR-AXIAL;27UH,5%,2.4X3.4MM	
R3A05	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		L3S04	2701-000195	INDUCTOR-AXIAL;47UH,5%,2.4X3.4MM	
R3A06	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		L3S05	2702-000142	INDUCTOR-RADIAL;22UH,5%,6X6.4MM	
R3A07	2007-000502	R-CHIP;2.2OHM,5%,1/10W,DA,TP,2012		L3S06	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
R3A08	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		Q3S01	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
R3A09	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		Q3S02	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
R3A10	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012		Q3S03	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K-4.7K,T	
R3A11	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012		Q3S04	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T	
R3A12	2001-000405	R-CARBON;180OHM,5%,1/8W,AA,TP,1.8X3.2MM		Q3S05	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
R3A13	2007-000778	R-CHIP;330KOHM,5%,1/10W,DA,TP,2012		R3S01	2007-000615	R-CHIP;24Kohm,5%,1/10W,DA,TP,2012	
R3A15	2007-000355	R-CHIP;12Kohm,5%,1/10W,DA,TP,2012		R3S02	2007-001177	R-CHIP;8.2Kohm,5%,1/10W,DA,TP,2012	
R3A16	2007-000355	R-CHIP;12Kohm,5%,1/10W,DA,TP,2012		R3S03	2007-001224	R-CHIP;9.1Kohm,5%,1/10W,DA,TP,2012	
R3A17	2007-000981	R-CHIP;5.6Kohm,5%,1/10W,DA,TP,2012		R3S04	2007-000653	R-CHIP;27Kohm,5%,1/10W,DA,TP,2012	
R3A19	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		R3S05	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A22	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R3S06	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R3A22	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R3S07	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R3A24	2007-000498	R-CHIP;2.2MOHM,5%,1/10W,DA,TP,2012		R3S08	2007-000710	R-CHIP;3.9Kohm,5%,1/10W,DA,TP,2012	
R3A25	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		R3S09	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012	
R3A27	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		R3S10	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012	
R3A28	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		R3S11	2001-000837	R-CARBON;51KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Electrical Parts List

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
R3S12	2007-000872	R-CHIP:4.7Kohm,5%,1/10W,DA,TP,2012		L501	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
R3S13	2007-000738	R-CHIP:30Kohm,5%,1/10W,DA,TP,2012		L502	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
R3S14	2007-001071	R-CHIP:6.8Kohm,5%,1/10W,DA,TP,2012		L503	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
R3S15	2007-001141	R-CHIP:7.5Kohm,5%,1/10W,DA,TP,2012		R501	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
R3S16	2007-000518	R-CHIP:2.7Kohm,5%,1/10W,DA,TP,2012		R502	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
R3S17	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012		R503	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
R3S18	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		R504	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
R3S19	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R505	2007-000931	R-CHIP:470ohm,5%,1/10W,DA,TP,2012	
R3S20	2007-000904	R-CHIP:430ohm,5%,1/10W,DA,TP,2012		R506	2007-000941	R-CHIP:47Kohm,5%,1/10W,DA,TP,2012	
R3S21	2007-001239	R-CHIP:910ohm,5%,1/10W,DA,TP,2012		R507	2007-000931	R-CHIP:470ohm,5%,1/10W,DA,TP,2012	
R3S22	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		R508	2007-000941	R-CHIP:47Kohm,5%,1/10W,DA,TP,2012	
R3S23	2007-000615	R-CHIP:24Kohm,5%,1/10W,DA,TP,2012		R510	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
R3S24	2007-000338	R-CHIP:120KOHM,5%,1/10W,DA,TP,2012		R511	2007-001177	R-CHIP:8.2Kohm,5%,1/10W,DA,TP,2012	
R3S25	2007-000267	R-CHIP:1.8Kohm,5%,1/10W,DA,TP,2012		R512	2001-000006	R-CARBON:2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
<b>HI-FI AUDIO PARTS</b>				R513	2007-000653	R-CHIP:27Kohm,5%,1/10W,DA,TP,2012	
C501	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		R514	2001-000766	R-CARBON:43KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C502	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		R515	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
C503	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5		R516	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
C504	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		R517	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
C505	2401-000407	C-AL:10UF,20%,16V,GP,TP,3.5X5,-		R518	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
C506	2401-000407	C-AL:10UF,20%,16V,GP,TP,3.5X5,-		R519	2001-000009	R-CARBON:20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C507	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		R521	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C508	2401-000407	C-AL:10UF,20%,16V,GP,TP,3.5X5,-		R523	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
C509	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		R524	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
C510	2401-000918	C-AL:22UF,20%,16V,GP,-,6.3X7,5		R525	2007-000774	R-CHIP:33Kohm,5%,1/10W,DA,TP,2012	
C511	2401-000918	C-AL:22UF,20%,16V,GP,-,6.3X7,5		R526	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
C512	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		R527	2007-000546	R-CHIP:20KOHM,5%,1/10W,DA,TP,2012	
C513	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		R528	2007-000241	R-CHIP:1.5Kohm,5%,1/10W,DA,TP,2012	
C514	2203-000206	C-CERAMIC,CHIP:100nF,10%,50V,X7R,TP,2012		R529	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012	
C515	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5		R530	2007-000964	R-CHIP:5.1Kohm,5%,1/10W,DA,TP,2012	
C516	2203-001105	C-CERAMIC,CHIP:6.8NF,10%,50V,X7R,TP,2012		R531	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
C517	2203-001064	C-CERAMIC,CHIP:56NF,10%,50V,NPO,TP,2012,		R532	2001-000008	R-CARBON:15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
C518	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5		<b>604</b>	<b>AC93-10825D</b>	<b>ASSY-IF(TUNER);SV-4000W,WORLD WIDE 2</b>	
C519	2401-000407	C-AL:10UF,20%,16V,GP,TP,3.5X5,-		C401	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5P,TP,	
C520	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C402	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,	
C521	2401-000407	C-AL:10UF,20%,16V,GP,TP,3.5X5,-		C403	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5P,TP,	
C522	2401-000407	C-AL:10UF,20%,16V,GP,TP,3.5X5,-		C404	2201-000800	C-CERAMIC,DISC:120PF,5%,50V,SL,TP,5X3,5	
C523	2401-001915	C-AL:1UF,20%,50V,GP,TP,3X5,1MM		C409	2401-001904	C-AL:10UF,20%,16V,-,TP,4X7MM,5	
C524	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C410	2401-001919	C-AL:2.2UF,20%,50V,-,TP,4X7MM,5	
C525	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5		C411	2401-001511	C-AL:47UF,20%,16V,GP,-,6X7,5	
C527	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C412	2203-001557	C-CERAMIC,CHIP:100NF,+80-20%,25V,Y5V,TP,	
C528	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C413	2203-001557	C-CERAMIC,CHIP:100NF,+80-20%,25V,Y5V,TP,	
C529	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C414	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5	
C530	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C415	2203-001691	C-CERAMIC,CHIP:8.2PF,0.5PF,50V,NPO,TP,20	
C532	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C417	2203-001193	C-CERAMIC,CHIP:75PF,5%,50V,NPO,2012,-,TP	
C533	2401-000918	C-AL:22UF,20%,16V,GP,-,6.3X7,5		C418	2203-001557	C-CERAMIC,CHIP:100NF,+80-20%,25V,Y5V,TP,	
C534	2203-000477	C-CERAMIC,CHIP:1UF,+80-20%,16V,Y5V,TP,20		C419	2301-000129	C-FILM,PEF:100NF,5%,50V,TP,10X9X4.3X5,5M	
C535	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C420	2203-001524	C-CERAMIC,CHIP:47PF,5%,50V,NPO,TP,2012,-	
C537	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C422	2007-000029	R-CHIP:0ohm,5%,1/10W,DA,TP,2012	
C538	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C423	2401-001511	C-AL:47UF,20%,16V,GP,-,6X7,5	
C539	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C424	2203-001557	C-CERAMIC,CHIP:100NF,+80-20%,25V,Y5V,TP,	
C540	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C425	2301-000129	C-FILM,PEF:100NF,5%,50V,TP,10X9X4.3X5,5M	
C541	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C426	2301-000129	C-FILM,PEF:100NF,5%,50V,TP,10X9X4.3X5,5M	
C542	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C427	2301-000129	C-FILM,PEF:100NF,5%,50V,TP,10X9X4.3X5,5M	
C543	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C428	2301-000129	C-FILM,PEF:100NF,5%,50V,TP,10X9X4.3X5,5M	
C544	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,		C429	2401-000970	C-AL:22UF,20%,50V,WT,TP,5X11.2MM	
C545	2202-000825	C-CERAMIC,MLC-AXIAL:680PF,10%,50V,Y5P,TP		C430	2202-000780	C-CERAMIC,MLC-AXIAL:100NF,+80-20%,50V,Y5	
C548	2401-001978	C-AL:47UF,20%,25V,GP,TP,6.3X5,5		C431	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5P,TP,	
IC501	1204-001162	IC-AUDIO PROCESSOR;TA1246F,QFP,48P,16MIL		C432	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,	
IC502	1204-001049	IC-SOUND;LA7256,DIP,24P,300MIL,PLASTIC,		C434	2203-000260	C-CERAMIC,CHIP:10nF,10%,50V,X7R,TP,2012,	

Loc.No	Part No	Desc and Spec	Remark	Loc.No	Part No	Desc and Spec	Remark
C435	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		R401	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
C436	2202-000780	C-CERAMIC,MLC-AXIAL;100NF,+80-20%,50V,Y5		R402	2007-000947	R-CHIP;47ohm,5%,1/10W,DA,TP,2012	
C437	2301-000129	C-FILM,PEF;100NF,5%,50V,TP,10X9X4.3X5.5M		R403	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012	
C438	2301-000224	C-FILM,PEF;22NF,5%,50V,TP,7.4X3.9X13MM,5		R404	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012	
C439	2401-001919	C-AL;2.2UF,20%,50V,-,TP,4X7MM,5		R405	2007-000267	R-CHIP;1.8Kohm,5%,1/10W,DA,TP,2012	
C440	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		R406	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012	
C441	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7.5		R407	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
C442	2401-001919	C-AL;2.2UF,20%,50V,-,TP,4X7MM,5		R408	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
C444	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R409	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
C445	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R410	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
C446	2203-000858	C-CERAMIC,CHIP;39pF,5%,50V,NPO,TP,2012,-		R411	61048-177-563	R-CARBON;RD 1/8 T 563-J	
C447	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2		R413	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
C448	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R414	2007-000546	R-CHIP;20KOHM,5%,1/10W,DA,TP,2012	
C449	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,		R415	2007-000909	R-CHIP;43KOHM,1%,1/10W,DA,TP,2012	
C450	2401-001364	C-AL;470UF,20%,16V,GP,TP,10X12MM,5M		R416	2007-000689	R-CHIP;3.3MOHM,5%,1/10W,DA,TP,2012	
C451	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R417	2007-000689	R-CHIP;3.3MOHM,5%,1/10W,DA,TP,2012	
C452	2203-001557	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		R418	2001-000595	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
C453	2401-001511	C-AL;47UF,20%,16V,GP,-,6X7.5		R419	2007-000710	R-CHIP;3.9Kohm,5%,1/10W,DA,TP,2012	
C454	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		R420	2007-000518	R-CHIP;2.7Kohm,5%,1/10W,DA,TP,2012	
C455	2401-001904	C-AL;10UF,20%,16V,-,TP,4X7MM,5		R421	2007-001001	R-CHIP;510ohm,5%,1/10W,DA,TP,2012	
CN401	3710-000400	CONNECTOR-SOCKET;14P,1R,2.0MM,STRAIGHT,S		R422	2007-000401	R-CHIP;150ohm,5%,1/10W,DA,TP,2012	
CN402	3710-000400	CONNECTOR-SOCKET;14P,1R,2.0MM,STRAIGHT,S		R424	2007-000002	R-CHIP;75Kohm,5%,1/10W,DA,TP,2012	
CN403	AC39-20817K	LEAD CONNECTOR-ASSY;-51004,5395,14P,190		R425	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
D401	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41		R426	2001-000802	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
D402	62169-302-032	DIODE;1SS110 TAPG		R427	2007-000981	R-CHIP;5.6Kohm,5%,1/10W,DA,TP,2012	
FL401	2904-000253	FILTER-SAW AV;33.9MHZ,DIP10P,ST,17.1DB,P		R428	2007-001118	R-CHIP;680ohm,5%,1/10W,DA,TP,2012	
FL403	2904-000260	FILTER-SAW AV;38.9MHZ,SIP5P,ST,24.2DB,PA		R429	2007-000607	R-CHIP;240ohm,5%,1/10W,DA,TP,2012	
FL404	2903-000182	FILTER-CERAMIC;BP,5.5MHZ,70KHZ,-,TP,-		R430	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FL405	2903-000193	FILTER-CERAMIC;BR,6.0MHz		R431	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FL406	2903-000199	FILTER-CERAMIC;TR,6.5MHZ,70KHZ,-,TP		R432	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FL407	2903-000141	FILTER-CERAMIC;BR,4.5MHZ		R433	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FL408	2903-000185	FILTER-CERAMIC;BP,5.5MHZ,+75KHZ,6DB,-,T		R434	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FL409	2903-000194	FILTER-CERAMIC;BP,6.0MHZ,+80KHZ,6DB,-,B		R435	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FL410	B1243-0045	FILTER-CERAMIC;SP 6.5M SFE6.5MB TAPG		R436	2001-000718	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
FL411	2903-000130	FILTER-CERAMIC;BP,4.5MHZ		R437	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IC401	AC14-12011Q	IC-LINEAR;TDA9800,DIP,NEG DEMOD		R438	2007-000947	R-CHIP;47ohm,5%,1/10W,DA,TP,2012	
IC402	AC14-12011Q	IC-LINEAR;TDA9800,DIP,NEG DEMOD		R439	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012	
IC403	AC14-12001Z	IC;BA7604,-,-		R440	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012	
IC404	AC14-12003P	IC;LA7920,-,-		R441	2007-000030	R-CHIP;560ohm,5%,1/10W,DA,TP,2012	
IC405	AC14-12003T	IC-L;KA33V TAPG,-,-		R442	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
L401	2701-000145	INDUCTOR-AXIAL;1UH,5%,2.4X3.4MM		R443	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
L402	62427-812-139	COIL-PEAKING;EL0606RA 1.3UH-K		R444	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
L403	2702-000144	INDUCTOR-RADIAL;27UH,5%,6X6.4MM		R445	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
L404	2701-000147	INDUCTOR-AXIAL;2.2UH,5%,2.4X3.4MM		R446	2007-000518	R-CHIP;2.7Kohm,5%,1/10W,DA,TP,2012	
L405	2702-000185	INDUCTOR-RADIAL;8.2UH,5%,6X6.4MM		R447	2007-000703	R-CHIP;3.6Kohm,5%,1/10W,DA,TP,2012	
L406	2701-000160	INDUCTOR-AXIAL;22UH,5%,2.4X3.4MM		R449	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012	
L407	62427-812-139	COIL-PEAKING;EL0606RA 1.3UH-K		R450	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
L408	2701-000160	INDUCTOR-AXIAL;22UH,5%,2.4X3.4MM		R451	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
L409	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-		R452	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
Q401	0501-000436	TR-SMALL SIGNAL;KTC3197,NPN,625MW,TO-92,		R453	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
Q402	0501-000436	TR-SMALL SIGNAL;KTC3197,NPN,625MW,TO-92,		R454	2001-000534	R-CARBON;240OHM,5%,1/8W,AA,TP,1.8X3.2MM	
Q403	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-		R455	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
Q406	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250MW,TO-92,T		R456	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
Q407	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-		R457	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	
Q409	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-		R458	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
Q411	0504-000117	TR-DIGITAL;KSR1002,NPN,300MW,10K-10K,TO-		R470	2001-000490	R-CARBON;200OHM,5%,1/8W,AA,TP,1.8X3.2MM	
Q412	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-		TL401	AC26-12001A	TRANS-DET;9MM,0UH,BLK,8PF,77.9MHZ,M7T1,S	
Q413	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K-4.7K,T		TL402	AC26-12001A	TRANS-DET;9MM,0UH,BLK,8PF,77.9MHZ,M7T1,S	
Q414	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-		U401	AC40-30071A	TM-BLOCK;TCRL9600VD04A,PAL,106	
Q415	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		VR401	2103-000171	VR-SEMI;10KOHM,30%,1/10W,TOP	

Electrical Parts List

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
W435	2701-000145	INDUCTOR-AXIAL;1UH,5%,2.4X3.4MM		C4371	2203-001702	C-CERAMIC,CHIP;2.2NF,5%,50V,X7R,TP,2012,	
<b>602</b>	<b>AC93-10825C</b>	<b>ASSY-I/O;SV-4000W,WORLD WIDE 2</b>		C4372	2203-000858	C-CERAMIC,CHIP;39pF,5%,50V,NPO,TP,2012,-	
<b>I/O PARTS</b>				C4375	2203-001525	C-CERAMIC,CHIP;56PF,5%,50V,NPO,TP,2012,-	
C4301	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		C4376	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
C4302	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		C4377	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,20	
C4303	2203-001164	C-CERAMIC,CHIP;68PF,5%,50V,SL,2012,-,TP		CN4301	3711-002144	CONNECTOR-HEADER;NOWALL,15P,1R,2.0MM,ANG	
C4304	2203-000335	C-CERAMIC,CHIP;12pF,5%,50V,NPO,TP,2012,-		CN4302	3711-002144	CONNECTOR-HEADER;NOWALL,15P,1R,2.0MM,ANG	
C4305	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5		CN4303	AC39-20817J	LEAD CONNECTOR-ASSY,-,51004.60-9073-3018	
C4306	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		CN4304	3711-001061	CONNECTOR-HEADER;BOX,6P,1R,2MM,ANGLE,SN	
C4307	2401-000588	C-AL;1UF,20%,50V,GP,BK,3X5,1MM		CN4305	3711-002146	CONNECTOR-HEADER;NOWALL,7P,1R,2.0MM,ANGL	
C4308	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		D4301	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C4309	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		D4302	0407-000114	DIODE-ARRAY;DAN202K,80V,100MA,CA2-3,SOT-	
C4310	2203-000858	C-CERAMIC,CHIP;39pF,5%,50V,NPO,TP,2012,-		D4304	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
C4311	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2		D4305	0407-000114	DIODE-ARRAY;DAN202K,80V,100MA,CA2-3,SOT-	
C4312	2203-001164	C-CERAMIC,CHIP;68PF,5%,50V,SL,2012,-,TP		D4306	0407-000114	DIODE-ARRAY;DAN202K,80V,100MA,CA2-3,SOT-	
C4313	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5		D4307	0407-000114	DIODE-ARRAY;DAN202K,80V,100MA,CA2-3,SOT-	
C4314	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5		IC4301	1001-000200	IC-VIDEO SWITCH;NJM2234M,3-INPUT,SOP,8P,	
C4315	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		IC4302	AC14-12012W	IC-DRIVE;NJM2267D,DIP,-	
C4316	2203-001230	C-CERAMIC,CHIP;820PF,5%,50V,NPO,2012,-,T		IC4303	AC14-12014D	IC-CCD;TL8828P,0.32H),DIP	
C4317	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		IC4304	1001-000200	IC-VIDEO SWITCH;NJM2234M,3-INPUT,SOP,8P,	
C4318	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		IC4305	1001-000200	IC-VIDEO SWITCH;NJM2234M,3-INPUT,SOP,8P,	
C4319	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		IC4306	AC14-12012W	IC-DRIVE;NJM2267D,DIP,-	
C4321	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		JC4301	3722-000438	JACK-PIN;1P/1C,PI3.3,SN,RED,-	
C4322	2401-003122	C-AL;4.7UF,20%,50V,LL,TP,4X7,1.5		JC4302	AC37-22001T	JACK-PIN;DSPS-8805-03W,PI4,3P,GLD,-	
C4323	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		JC4303	3722-000435	JACK-PIN;1P/1C,PI3.3,SN,RED,-	
C4324	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		JC4304	3710-000479	CONNECTOR-SOCKET;20P,-,-,STRAIGHT,SN	
C4325	2401-000918	C-AL;22UF,20%,16V,GP,-,6.3X7,5		JC4305	3722-000438	JACK-PIN;1P/1C,PI3.3,SN,RED,-	
C4326	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		JC4306	AC37-22001T	JACK-PIN;DSPS-8805-03W,PI4,3P,GLD,-	
C4327	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		JC4307	3722-000435	JACK-PIN;1P/1C,PI3.3,SN,RED,-	
C4328	2401-000918	C-AL;22UF,20%,16V,GP,-,6.3X7,5		JC4308	3722-000438	JACK-PIN;1P/1C,PI3.3,SN,RED,-	
C4329	2401-003122	C-AL;4.7UF,20%,50V,LL,TP,4X7,1.5		JC4309	AC37-22001T	JACK-PIN;DSPS-8805-03W,PI4,3P,GLD,-	
C4332	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		JC4310	3722-000435	JACK-PIN;1P/1C,PI3.3,SN,RED,-	
C4334	2401-001511	C-AL;47UF,20%,16V,GP,-,6X7,5		L4301	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C4335	2401-001511	C-AL;47UF,20%,16V,GP,-,6X7,5		L4302	2701-000138	INDUCTOR-AXIAL;18UH,5%,2.4X3.4MM	
C4336	2401-001511	C-AL;47UF,20%,16V,GP,-,6X7,5		L4303	2701-000206	INDUCTOR-AXIAL;56UH,5%,2.4X3.4MM	
C4338	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T		L4304	2701-000117	INDUCTOR-AXIAL;10UH,5%,2.4X3.4MM	
C4339	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T		L4307	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C4340	2203-001702	C-CERAMIC,CHIP;2.2NF,5%,50V,X7R,TP,2012,		L4308	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C4341	2203-001702	C-CERAMIC,CHIP;2.2NF,5%,50V,X7R,TP,2012,		L4309	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
C4342	2203-001164	C-CERAMIC,CHIP;68PF,5%,50V,SL,2012,-,TP		L4310	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4344	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T		L4311	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4345	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T		L4312	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4347	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T		L4313	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4348	2203-000661	C-CERAMIC,CHIP;270PF,5%,50V,NPO,2012,-,T		L4314	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,	
C4349	2203-001164	C-CERAMIC,CHIP;68PF,5%,50V,SL,2012,-,TP		L4315	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4350	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		L4316	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4351	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		L4317	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4352	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5		L4318	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4354	2401-001511	C-AL;47UF,20%,16V,GP,-,6X7,5		L4319	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,	
C4355	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		L4330	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4356	2401-000918	C-AL;22UF,20%,16V,GP,-,6.3X7,5		L4331	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
C4357	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5		L4332	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,	
C4358	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		Q4301	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
C4359	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		Q4302	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
C4361	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		Q4303	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
C4362	A1104-0611	C-ELEC;CE 04 -40/85 16V T 100-M SRE 3.5X		Q4304	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
C4364	A1104-0611	C-ELEC;CE 04 -40/85 16V T 100-M SRE 3.5X		Q4305	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
C4367	2401-001905	C-AL;10UF,20%,16V,BP,BK,6X11MM,2.5M		Q4306	0504-000128	TR-DIGITAL,-,NPN,200MW,22K-22KOHM,SOT-23	
C4369	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		Q4307	0504-000128	TR-DIGITAL,-,NPN,200MW,22K-22KOHM,SOT-23	
C4370	2203-001702	C-CERAMIC,CHIP;2.2NF,5%,50V,X7R,TP,2012,		Q4308	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K-4.7K,T	

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
Q4310	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		C907	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,	
Q4311	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		C908	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
R4301	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012		C909	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-	
R4302	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012		C911	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2	
R4303	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		C912	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
R4304	2007-000931	R-CHIP;470ohm,5%,1/10W,DA,TP,2012		C913	2401-001965	C-AL;470NF,20%,50V,-BK,4X7MM,1.5MM	
R4305	2007-000230	R-CHIP;1.3KOHM,1%,1/10W,DA,TP,2012		C915	2401-000588	C-AL;1UF,20%,50V,GP,BK,3X5,1MM	
R4306	2007-001071	R-CHIP;6.8Kohm,5%,1/10W,DA,TP,2012		C916	2203-000321	C-CERAMIC,CHIP;120PF,5%,50V,SL,TP,2012,-	
R4307	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012		C917	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,	
R4308	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012		C918	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-	
R4309	2007-000931	R-CHIP;470ohm,5%,1/10W,DA,TP,2012		C919	2203-001674	C-CERAMIC,CHIP;6.8NF,20%,16V,X7S,TP,2012	
R4310	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		C920	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
R4311	2007-000822	R-CHIP;390ohm,5%,1/10W,DA,TP,2012		C921	2401-001911	C-AL;1UF,20%,50V,BP,BK,6X11MM,2MM	
R4312	2007-000822	R-CHIP;390ohm,5%,1/10W,DA,TP,2012		C923	2203-001646	C-CERAMIC,CHIP;3PF,0.5PF,50V,NPO,TP,2012	
R4313	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012		C931	2301-000365	C-FILM,PEF;1.5NF,10%,50V,TP,5.5X7X2.8MM,	
R4314	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012		C932	2401-001952	C-AL;4.7UF,20%,50V,-TP,6.3X7.5	
R4315	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012		C933	2301-000402	C-FILM,PEF;1NF,5%,50V,TP,5X7X2.8MM,5MM	
R4316	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C934	2401-000419	C-AL;10UF,20%,16V,GP,-4X7,5	
R4317	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		C935	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
R4318	2004-001290	R-METAL;820OHM,5%,1/4W,AA,TP,2.4X6.4MM		C936	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
R4328	2007-000401	R-CHIP;150ohm,5%,1/10W,DA,TP,2012		C937	2301-000415	C-FILM,PEF;22NF,5%,50V,TP,6.5X10.5X4MM,5	
R4329	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012		C938	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2	
R4330	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012		C939	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2	
R4331	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		C940	2203-000363	C-CERAMIC,CHIP;150PF,5%,50V,NPO,TP,2012,	
R4332	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		C941	2203-000001	C-CERAMIC,CHIP;5PF,0.5PF,50V,NPO,TP,2012,-,	
R4333	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012		C997	2401-001538	C-AL;47UF,20%,25V,GP,-6X11,2.5MM	
R4338	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		C998	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
R4339	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		D903	0407-000114	DIODE-ARRAY;DAN202K,80V,100MA,CA2-3,SOT-	
R4340	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		IC901	AC11-10020H	MASK-ROM;LC74761-9682,30P,DIP,256 Æ;-	
R4341	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		IC902	AC14-12002F	IC;NJM2229S,-,-	
R4342	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012		L902	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
R4343	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		L903	2701-000181	INDUCTOR-AXIAL;33UH,5%,2.4X3.4MM	
R4344	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		L904	2701-000201	INDUCTOR-AXIAL;5.6UH,5%,2.4X3.4MM	
R4345	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		Q901	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
R4346	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		Q902	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
R4347	2007-001201	R-CHIP;820ohm,5%,1/10W,DA,TP,2012		Q903	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
R4348	2007-001239	R-CHIP;910ohm,5%,1/10W,DA,TP,2012		R903	2007-001201	R-CHIP;820ohm,5%,1/10W,DA,TP,2012	
R4349	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012		R904	2007-000457	R-CHIP;18Kohm,5%,1/10W,DA,TP,2012	
R4350	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012		R905	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
R4351	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		R906	2007-000342	R-CHIP;120OHM,1%,1/10W,DA,TP,2012	
R4352	2007-000267	R-CHIP;1.8Kohm,5%,1/10W,DA,TP,2012		R908	2007-000938	R-CHIP;47Kohm,1%,1/10W,DA,TP,2012	
R4353	2007-000615	R-CHIP;24Kohm,5%,1/10W,DA,TP,2012		R909	2007-000518	R-CHIP;2.7Kohm,5%,1/10W,DA,TP,2012	
R4354	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		R911	2007-000028	R-CHIP;39ohm,5%,1/10W,DA,TP,2012	
R4355	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		R911	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
R4360	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		R915	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
R4361	2007-000642	R-CHIP;270ohm,5%,1/10W,DA,TP,2012		R916	2007-001071	R-CHIP;6.8Kohm,5%,1/10W,DA,TP,2012	
R4362	2007-000593	R-CHIP;22ohm,5%,1/10W,DA,TP,2012		R917	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
R4363	2007-000593	R-CHIP;22ohm,5%,1/10W,DA,TP,2012		R918	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012	
R4364	2007-000593	R-CHIP;22ohm,5%,1/10W,DA,TP,2012		R920	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
R4365	2007-000593	R-CHIP;22ohm,5%,1/10W,DA,TP,2012		R921	2007-000827	R-CHIP;39KOHM,1%,1/10W,DA,TP,2012	
R4366	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012		R932	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
VR4301	2103-000230	VR-SEMI;2.2KOHM,30%,1/10W,SIDE		R933	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
XT4301	2801-001384	CRYSTAL-UNIT;14.31818MHZ,30PPM,28-AAA,16		R934	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012	
ZD4301	0403-000339	DIODE-ZENER;UZ3.0B,3.0V,2.8-3.2V,500MW,D		R935	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
<b>OSD PARTS</b>							
C901	2203-000555	C-CERAMIC,CHIP;20PF,5%,50V,NPO,TP,2012,-		R937	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012	
C903	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5		R938	2007-001113	R-CHIP;680Kohm,5%,1/10W,DA,TP,2012	
C904	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		R939	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
C905	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,		R940	2007-001201	R-CHIP;820ohm,5%,1/10W,DA,TP,2012	
C906	2401-001893	C-AL;100UF,20%,16V,GP,TP,6.3X7MM,5		XT901	2801-003311	CRYSTAL-UNIT;17.734475MHZ,50PPM,28-AAA,1	

Electrical Parts List

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
XT902	2801-001384	CRYSTAL-UNIT;14.31818MHZ,30PPM,28-AAA,16		EMD23	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-	
603	AC93-10825E	ASSY-DIGITAL,-SV-4000W,WORLD WIDE 2		EMD24	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-	
<b>PROCESS PARTS</b>				EMD25	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-	
CD1	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		EMD3	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-	
CD10	2203-001517	C-CERAMIC,CHIP;15pF,5%,50V,NPO,TP,2012,-		EMD4	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-	
CD11	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-		EMD5	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-	
CD12	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-		EMD6	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-	
CD13	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-		EMD7	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-	
CD14	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-		EMD8	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-	
CD15	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-		EMD9	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-	
CD16	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		ICD1	AC13-10030K	IC-ASIC;- ,SVV9602,QFP,160P,VIDEO SIGNA	
CD17	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		ICD2	1109-000136	IC-VIDEO RAM;4216C256,256X16BIT,SOP,-,-,	
CD18	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LD1	AC29-32001B	FILTER-EMI BEAD;CB321611-TA SB 0.2OH,-,-	
CD19	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LD2	AC29-32001B	FILTER-EMI BEAD;CB321611-TA SB 0.2OH,-,-	
CD2	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LD3	AC29-32001B	FILTER-EMI BEAD;CB321611-TA SB 0.2OH,-,-	
CD20	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2		LD4	AC29-32001B	FILTER-EMI BEAD;CB321611-TA SB 0.2OH,-,-	
CD21	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		LD5	AC29-32001B	FILTER-EMI BEAD;CB321611-TA SB 0.2OH,-,-	
CD22	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QD1	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CD23	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QD3	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CD24	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QD4	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CD25	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QD5	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CD26	2402-000149	C-AL,SMD;4.7UF,20%,16V,GP,TP,3X5.5MM,-		QD6	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CD27	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QD7	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CD28	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QD8	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CD29	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.		QD9	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CD3	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		RD1	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
CD30	2402-000149	C-AL,SMD;4.7UF,20%,16V,GP,TP,3X5.5MM,-		RD10	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
CD31	2402-000149	C-AL,SMD;4.7UF,20%,16V,GP,TP,3X5.5MM,-		RD13	2007-000267	R-CHIP;1.8Kohm,5%,1/10W,DA,TP,2012	
CD32	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		RD14	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
CD33	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		RD15	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
CD34	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.		RD16	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012	
CD35	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		RD17	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
CD36	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		RD18	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
CD37	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		RD19	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012	
CD4	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		RD2	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
CD42	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		RD20	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
CD45	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012		RD21	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
CD5	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		RD22	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012	
CD51	2007-000029	R-CHIP;0ohm,5%,1/10W,DA,TP,2012		RD23	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012	
CD8	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		RD24	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
CD9	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		RD25	2007-000607	R-CHIP;240ohm,5%,1/10W,DA,TP,2012	
D5	0407-000150	DIODE-ARRAY;MA151WK,40V,100MA,CA2-3,SOT-		RD26	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
DD10	0407-000150	DIODE-ARRAY;MA151WK,40V,100MA,CA2-3,SOT-		RD27	2007-000774	R-CHIP;33Kohm,5%,1/10W,DA,TP,2012	
DD3	0407-000150	DIODE-ARRAY;MA151WK,40V,100MA,CA2-3,SOT-		RD28	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
DD4	0403-000823	DIODE-ZENER;U22.0BSA,2.0V,1.88-2.10V,500		RD29	2007-001133	R-CHIP;68ohm,5%,1/10W,DA,TP,2012	
DD5	0403-000823	DIODE-ZENER;U22.0BSA,2.0V,1.88-2.10V,500		RD3	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
DD6	0403-000823	DIODE-ZENER;U22.0BSA,2.0V,1.88-2.10V,500		RD30	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
DD7	0403-000823	DIODE-ZENER;U22.0BSA,2.0V,1.88-2.10V,500		RD31	2007-001124	R-CHIP;68KOHM,1%,1/10W,DA,TP,2012	
DD8	0407-000150	DIODE-ARRAY;MA151WK,40V,100MA,CA2-3,SOT-		RD32	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
EMD10	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-		RD33	2007-001133	R-CHIP;68ohm,5%,1/10W,DA,TP,2012	
EMD11	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-		RD34	2007-000586	R-CHIP;22Kohm,5%,1/10W,DA,TP,2012	
EMD12	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-		RD35	2007-001124	R-CHIP;68KOHM,1%,1/10W,DA,TP,2012	
EMD13	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-		RD36	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
EMD15	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-		RD37	2007-001001	R-CHIP;510ohm,5%,1/10W,DA,TP,2012	
EMD16	AC29-32001E	FILTER-EMI CHIP;NFM40R11C223T1 0.022,-,-		RD38	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012	
EMD18	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-		RD39	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	
EMD2	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-		RD4	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012	
EMD20	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-		RD40	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	
EMD21	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-		RD41	2007-000931	R-CHIP;470ohm,5%,1/10W,DA,TP,2012	
EMD22	AC29-32001C	FILTER-EMI CHIP;NFM40R01C101T1 100PF,-,-		RD42	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
RD43	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012		CA27	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RD44	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012		CA28	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RD5	2007-000477	R-CHIP;1Mohm,5%,1/10W,DA,TP,2012		CA29	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RD50	2007-001028	R-CHIP;560OHM,1%,1/10W,DA,TP,2012		CA30	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RD51	2007-000686	R-CHIP;3.3Kohm,5%,1/10W,DA,TP,2012		CA31	2402-001010	C-AL,SMD;47UF,20%,16V,GP,TP,6.6X6.6X5.4	
RD52	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		CA32	2203-001653	C-CERAMIC,CHIP;470NF,+80-20%,50V,Y5V,321	
RD6	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		CA33	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
RD7	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012		CA34	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RD8	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		CA35	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RD9	2007-000686	R-CHIP;3.3Kohm,5%,1/10W,DA,TP,2012		CA36	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.5	
VCD1	61829-302-292	C-TRIMMER;ECR-HA020D41		CA37	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
VCD2	61829-302-292	C-TRIMMER;ECR-HA020D41		CA5	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
VCD3	61829-302-292	C-TRIMMER;ECR-HA020D41		CA52	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
VCD4	61829-302-292	C-TRIMMER;ECR-HA020D41		CA6	2402-000181	C-AL,SMD;3.3UF,20%,35V,GP,TP,3X5.5MM,-	
VRD1	2104-000151	VR-SMD;50KOHM,25%,0.15W,TOP		CA7	2203-000787	C-CERAMIC,CHIP;330PF,5%,50V,NPO,TP,2012,	
XD1	2801-001444	CRYSTAL-UNIT;26.25641MHZ,50PPM,28-AAM,16		CA77	2203-001090	C-CERAMIC,CHIP;5pF,0.25pF,50V,NPO,TP,201	
XD2	2801-003311	CRYSTAL-UNIT;17.734475MHZ,50PPM,28-AAA,1		CA78	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
XD3	2801-001385	CRYSTAL-UNIT;14.31818MHZ,30PPM,28-AAA,16		CA79	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
XD4	2801-001443	CRYSTAL-UNIT;14.328225MHZ,20PPM,28-AAM,1		CA8	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
XD5	2801-001442	CRYSTAL-UNIT;14.302446MHZ,20PPM,28-AAM,1		CA80	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
<b>DECODER PARTS</b>				CA81	2203-001246	C-CERAMIC,CHIP;82PF,5%,50V,NPO,TP,2012,-	
CA100	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CA82	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2	
CA101	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,		CA83	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
CA102	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CA84	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
CA103	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		CA85	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA104	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,		CA86	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.5	
CA105	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CA87	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
CA106	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		CA88	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA107	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CA89	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA108	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		CA9	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
CA109	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		CA90	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
CA11	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		CA91	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA110	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CA92	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA111	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CA93	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.5	
CA112	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		CA96	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA13	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		CA97	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.5	
CA14	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		CA98	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-	
CA15	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		CA99	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA151	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,		CNA1	3711-000691	CONNECTOR-HEADER;BOX,14P,1R,2MM,STRAIGHT	
CA152	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2		CNA2	AC39-20817H	LEAD CONNECTOR-ASSY;-51004,60-9073-3018	
CA153	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		CNA3	3711-003107	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,STRAIGH	
CA154	2203-000335	C-CERAMIC,CHIP;12pF,5%,50V,NPO,TP,2012,-		DA2	0401-001026	DIODE-SWITCHING;1SS380,40V,225MA,SOD-323	
CA156	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		DA3	0401-001026	DIODE-SWITCHING;1SS380,40V,225MA,SOD-323	
CA159	2203-000787	C-CERAMIC,CHIP;330PF,5%,50V,NPO,TP,2012,		ICA10	1001-000200	IC-VIDEO SWITCH;NJM2234M,3-INPUT,SOP,8P,	
CA16	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		ICA11	AC14-12015F	IC-LINEAR;TDA4665,DIP,-	
CA160	2402-000187	C-AL,SMD;220NF,20%,50V,-,TP,3X5.5MM,-		ICA2	AC14-12002C	IC-LA7213,-,-	
CA167	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		ICA4	AC14-12012Q	IC-VOLG REGU;PQ05RF11,SIP,-	
CA168	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		ICA5	1204-000430	IC-DECODER;TDA9141,DIP,32P,-,PLASTIC,8.8	
CA169	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		LA10	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA17	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		LA11	2703-000386	INDUCTOR-SMD;39UH,5%,3.2X2.5X2.2MM	
CA170	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		LA12	2703-000236	INDUCTOR-SMD;68uH,5%,2.5x3.2x2.2mm	
CA18	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LA13	2703-000236	INDUCTOR-SMD;68uH,5%,2.5x3.2x2.2mm	
CA19	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LA14	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA20	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012		LA15	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA21	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LA16	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA22	2203-001653	C-CERAMIC,CHIP;470NF,+80-20%,50V,Y5V,321		LA2	2703-000236	INDUCTOR-SMD;68uH,5%,2.5x3.2x2.2mm	
CA23	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LA23	2703-000236	INDUCTOR-SMD;68uH,5%,2.5x3.2x2.2mm	
CA24	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012		LA24	2703-000391	INDUCTOR-SMD;82UH,5%,3.2X2.5X2.2MM	
CA25	2402-000187	C-AL,SMD;220NF,20%,50V,-,TP,3X5.5MM,-		LA25	2703-000377	INDUCTOR-SMD;12UH,5%,3.2X2.5X2.2MM	
CA26	2203-001524	C-CERAMIC,CHIP;47PF,5%,50V,NPO,TP,2012,-		LA3	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	

Electrical Parts List

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
LA4	2702-000108	INDUCTOR-RADIAL;100UH,5%,6X6.4MM		RA17	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
LA5	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM		RA18	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012	
QA1	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA19	2007-000409	R-CHIP;15Kohm,5%,1/10W,DA,TP,2012	
QA2	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA20	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012	
QA20	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA21	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
QA21	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA22	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
QA22	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA23	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012	
QA23	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA24	2007-000981	R-CHIP;5.6Kohm,5%,1/10W,DA,TP,2012	
QA24	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA25	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA25	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,		RA67	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
QA26	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA68	2007-000931	R-CHIP;470ohm,5%,1/10W,DA,TP,2012	
QA27	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA69	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA28	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,		RA70	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA29	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA71	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA3	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA72	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA30	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA74	2007-000830	R-CHIP;39Kohm,5%,1/10W,DA,TP,2012	
QA31	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA76	2007-000781	R-CHIP;33ohm,5%,1/10W,DA,TP,2012	
QA32	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA77	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA33	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA78	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	
QA35	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA79	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	
QA36	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA8	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
QA38	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA80	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
QA39	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-		RA81	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
QA4	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA82	2007-001155	R-CHIP;750ohm,5%,1/10W,DA,TP,2012	
QA42	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,		RA83	2007-001177	R-CHIP;8.2Kohm,5%,1/10W,DA,TP,2012	
QA43	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA84	2007-000241	R-CHIP;1.5Kohm,5%,1/10W,DA,TP,2012	
QA44	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,		RA85	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA5	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,		RA86	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
QA50	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA87	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
QA6	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT		RA88	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
RA1	2007-000650	R-CHIP;27KOHM,1%,1/10W,DA,TP,2012		RA89	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
RA10	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		RA9	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
RA100	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		RA90	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	
RA101	2007-000781	R-CHIP;33ohm,5%,1/10W,DA,TP,2012		RA91	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
RA102	2007-000822	R-CHIP;390ohm,5%,1/10W,DA,TP,2012		RA92	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
RA103	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		RA93	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
RA104	2007-000931	R-CHIP;470ohm,5%,1/10W,DA,TP,2012		RA94	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
RA105	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012		RA95	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
RA106	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012		RA96	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012	
RA107	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012		RA97	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012	
RA11	2007-000565	R-CHIP;220Kohm,5%,1/10W,DA,TP,2012		RA98	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012	
RA118	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		RA99	2007-000493	R-CHIP;2.2Kohm,5%,1/10W,DA,TP,2012	
RA119	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		VRA3	2104-000122	VR-SMD;500OHM,25%,0.15W,TOP	
RA12	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012		VRA4	2104-000119	VR-SMD;2.2KOHM,25%,0.15W,TOP	
RA125	2007-000068	R-CHIP;470Kohm,5%,1/10W,DA,TP,2012		VRA5	2104-000119	VR-SMD;2.2KOHM,25%,0.15W,TOP	
RA126	2007-000068	R-CHIP;470Kohm,5%,1/10W,DA,TP,2012		XA1	2801-000274	CRYSTAL-UNIT;4.433619MHZ,30PPM,28-AAAM,20	
RA129	2007-000282	R-CHIP;100Kohm,5%,1/10W,DA,TP,2012		XA2	2801-003128	CRYSTAL-UNIT;3.575611MHZ,30PPM,28-AAAM,20	
RA13	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012		XA3	2801-003298	CRYSTAL-UNIT;3.579545MHZ,30PPM,28-AAAM,20	
RA132	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		XA4	2801-003125	CRYSTAL-UNIT;3.582056MHZ,30PPM,28-AAAM,20	
RA133	2007-000766	R-CHIP;330ohm,5%,1/10W,DA,TP,2012		<b>ENCODER PARTS</b>			
RA137	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		CA1	2401-001545	C-AL;47uF,20%,25V,GP,TP,6.3x7mm,2.5	
RA139	2007-000872	R-CHIP;4.7Kohm,5%,1/10W,DA,TP,2012		CA113	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
RA14	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012		CA114	2203-001525	C-CERAMIC,CHIP;56PF,5%,50V,NPO,TP,2012,-	
RA143	2007-000947	R-CHIP;47ohm,5%,1/10W,DA,TP,2012		CA115	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-	
RA145	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		CA116	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
RA147	2007-000468	R-CHIP;1Kohm,5%,1/10W,DA,TP,2012		CA117	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
RA148	2007-000938	R-CHIP;47Kohm,1%,1/10W,DA,TP,2012		CA118	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,	
RA15	2007-000941	R-CHIP;47Kohm,5%,1/10W,DA,TP,2012		CA119	61453-131-105	C-CERAMIC,CHIP;GRM42-6Y5V105Z16 TAPG	
RA153	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012		CA120	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
RA16	2007-000830	R-CHIP;39Kohm,5%,1/10W,DA,TP,2012		CA121	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.	

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
CA122	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		CA64	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,	
CA123	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		CA65	2203-001602	C-CERAMIC,CHIP;220NF,+80-20%,50V,Z5U,TP,	
CA124	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		CA66	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.	
CA125	2402-000232	C-AL,SMD;1UF,5%,50V,GP,TP,4X5.4,1MM		CA67	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA126	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		CA68	61453-131-105	C-CERAMIC,CHIP;GRM42-6Y5V105Z16 TAPG	
CA127	2203-001653	C-CERAMIC,CHIP;470NF,+80-20%,50V,Y5V,321		CA69	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M	
CA128	2203-001105	C-CERAMIC,CHIP;6.8NF,10%,50V,X7R,TP,2012		CA70	2203-001524	C-CERAMIC,CHIP;47PF,5%,50V,NPO,TP,2012,-	
CA129	2203-001602	C-CERAMIC,CHIP;220NF,+80-20%,50V,Z5U,TP,		CA71	2203-000295	C-CERAMIC,CHIP;10pF,5%,50V,NPO,TP,2012,-	
CA130	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,		CA72	2203-000295	C-CERAMIC,CHIP;10pF,5%,50V,NPO,TP,2012,-	
CA131	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.		CA73	2203-001602	C-CERAMIC,CHIP;220NF,+80-20%,50V,Z5U,TP,	
CA132	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		CA74	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,	
CA133	2402-000149	C-AL,SMD;4.7UF,20%,16V,GP,TP,3X5.5MM,-		CA75	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.	
CA134	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,		CA76	2203-000335	C-CERAMIC,CHIP;12pF,5%,50V,NPO,TP,2012,-	
CA135	2203-000477	C-CERAMIC,CHIP;1UF,+80-20%,16V,Y5V,TP,20		DA1	0407-000150	DIODE-ARRAY;MA151WK,40V,100MA,CA2-3,SOT-	
CA137	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		DA4	0401-001026	DIODE-SWITCHING;1SS380,40V,225MA,SOD-323	
CA138	2203-001164	C-CERAMIC,CHIP;68PF,5%,50V,SL,2012,-,TP		DA6	0407-000150	DIODE-ARRAY;MA151WK,40V,100MA,CA2-3,SOT-	
CA139	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		FLA1	2909-000173	FILTER-LC;4.0MHZ,-,3.5DB,BK,-,-	
CA140	2402-000149	C-AL,SMD;4.7UF,20%,16V,GP,TP,3X5.5MM,-		FLA2	AC29-90200E	FILTER-LC;DP,SD351F5M,DL,4.25/4.5MHZ,BK	
CA141	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		ICA1	AH14-10004R	IC;M74HC04,SOP,TAPE 14	
CA142	2203-001611	C-CERAMIC,CHIP;22PF,5%,50V,NPO,TP,2012,2		ICA12	AC14-12004U	IC-FP;NJM 2235M(TE1),-,-	
CA144	2402-001013	C-AL,SMD;47UF,20%,6.3V,GP,TP,5.3X1.5X5.		ICA13	1204-001111	IC-ENCODER;TDA8505,DIP,32P,400MIL,PLASTI	
CA145	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		ICA14	0801-000825	IC-CMOS LOGIC;74HC4538,MULTI VIBRATOR,SOP,	
CA148	2203-001164	C-CERAMIC,CHIP;68PF,5%,50V,SL,2012,-,TP		ICA15	AC14-12007S	IC-LOGIC;TC4W53FU,SSOP,-	
CA149	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		ICA18	AC14-12005L	IC-LOGIC;GD74HC74,DIP,-	
CA150	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,		ICA6	1001-000200	IC-VIDEO SWITCH;NJM2234M,3-INPUT,SOP,8P,	
CA155	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		ICA7	1001-000200	IC-VIDEO SWITCH;NJM2234M,3-INPUT,SOP,8P,	
CA158	2203-000953	C-CERAMIC,CHIP;470pF,5%,50V,NPO,TP,2012,		ICA8	AC14-12012U	IC;NJM2265M(T1),SOP,8P	
CA161	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		ICA9	1204-001112	IC-ENCODER;TDA8501T,SOP,24P,-,PLASTIC,5	
CA162	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		LA1	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA163	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		LA17	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA165	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		LA18	2702-000108	INDUCTOR-RADIAL;100UH,5%,6X6.4MM	
CA166	2203-000818	C-CERAMIC,CHIP;33pF,5%,50V,NPO,TP,2012,-		LA19	2703-000226	INDUCTOR-SMD;56uH,5%,2.5X3.2X2.2mm	
CA171	2203-000429	C-CERAMIC,CHIP;18pF,5%,50V,NPO,TP,2012,-		LA20	2703-000226	INDUCTOR-SMD;56uH,5%,2.5X3.2X2.2mm	
CA2	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		LA6	2703-000174	INDUCTOR-SMD;22UH,5%,2.5X3.2X2.2MM	
CA3	2203-001592	C-CERAMIC,CHIP;1NF,5%,50V,X7R,TP,2012,2M		LA7	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA38	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		LA8	2702-000108	INDUCTOR-RADIAL;100UH,5%,6X6.4MM	
CA39	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		LA9	2703-000399	INDUCTOR-SMD;100UH,10%,3.2X2.5X2.2MM	
CA40	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA10	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA41	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA11	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA42	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA12	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA43	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QA13	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA44	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		QA14	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA45	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA15	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA46	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA16	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200MW,SOT-	
CA47	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA17	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA48	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA19	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA49	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QA34	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA50	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		QA37	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA51	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA40	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA53	2203-001653	C-CERAMIC,CHIP;470NF,+80-20%,50V,Y5V,321		QA41	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA54	2402-000112	C-AL,SMD;10UF,20%,16V,GP,TP,3X5.5,-		QA45	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA55	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QA48	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA56	2203-001246	C-CERAMIC,CHIP;82PF,5%,50V,NPO,TP,2012,-		QA49	0504-000129	TR-DIGITAL;KSR1104,NPN,200MW,47K-47K,SOT	
CA57	2203-000199	C-CERAMIC,CHIP;100NF,+80-20%,50V,Z5U,TP,		QA7	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA58	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,		QA8	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA59	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,		QA9	0501-000312	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	
CA60	61453-131-105	C-CERAMIC,CHIP;GRM42-6Y5V105Z16 TAPG		RA108	2007-000300	R-CHIP;10Kohm,5%,1/10W,DA,TP,2012	
CA61	2203-001602	C-CERAMIC,CHIP;220NF,+80-20%,50V,Z5U,TP,		RA109	2007-001166	R-CHIP;75ohm,5%,1/10W,DA,TP,2012	
CA62	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		RA110	2007-000710	R-CHIP;3.9Kohm,5%,1/10W,DA,TP,2012	
CA63	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,		RA111	2007-000290	R-CHIP;100ohm,5%,1/10W,DA,TP,2012	

Electrical Parts List

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
RA112	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012		RA58	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012	
RA113	2007-000267	R-CHIP:1.8Kohm,5%,1/10W,DA,TP,2012		RA59	2007-000642	R-CHIP:270ohm,5%,1/10W,DA,TP,2012	
RA114	2007-000493	R-CHIP:2.2Kohm,5%,1/10W,DA,TP,2012		RA6	2007-000029	R-CHIP:0ohm,5%,1/10W,DA,TP,2012	
RA115	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		RA60	2007-000710	R-CHIP:3.9Kohm,5%,1/10W,DA,TP,2012	
RA116	2007-000221	R-CHIP:1.2Kohm,5%,1/10W,DA,TP,2012		RA61	2007-000493	R-CHIP:2.2Kohm,5%,1/10W,DA,TP,2012	
RA117	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		RA62	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012	
RA120	2007-000290	R-CHIP:100ohm,5%,1/10W,DA,TP,2012		RA63	2007-000395	R-CHIP:150Kohm,5%,1/10W,DA,TP,2012	
RA121	2007-000830	R-CHIP:39Kohm,5%,1/10W,DA,TP,2012		RA64	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012	
RA122	2007-000355	R-CHIP:12Kohm,5%,1/10W,DA,TP,2012		RA65	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012	
RA123	2007-000941	R-CHIP:47Kohm,5%,1/10W,DA,TP,2012		RA7	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012	
RA124	2007-000290	R-CHIP:100ohm,5%,1/10W,DA,TP,2012		RA73	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012	
RA130	2007-000241	R-CHIP:1.5Kohm,5%,1/10W,DA,TP,2012		RA75	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012	
RA131	2007-001177	R-CHIP:8.2Kohm,5%,1/10W,DA,TP,2012		VRA1	2104-000110	VR-SMD:10KOHM,25%,0.15W,TOP	
RA134	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012		VRA2	2104-000104	VR-SMD:100KOHM,25%,0.15W,TOP	
RA135	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012		VRA6	2104-000144	VR-SMD:4.7KOHM,25%,0.15W,TOP	
RA138	2007-000029	R-CHIP:0ohm,5%,1/10W,DA,TP,2012		VRA7	2104-000115	VR-SMD:1KOHM,25%,0.15W,TOP	
RA141	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		VRA8	2104-000144	VR-SMD:4.7KOHM,25%,0.15W,TOP	
RA144	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		XA5	2801-003495	CRYSTAL-UNIT:4.25MHZ,30PPM,28-AAAM,16PF,1	
RA146	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012		<b>670</b>	<b>AC93-10825A</b>	<b>ASSY-TIMER;SV-4000W, WORLD WIDE 2</b>	
RA149	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012		C701	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5	
RA150	2007-000830	R-CHIP:39Kohm,5%,1/10W,DA,TP,2012		C702	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5P,TP,	
RA151	2007-000457	R-CHIP:18Kohm,5%,1/10W,DA,TP,2012		C703	2202-000796	C-CERAMIC,MLC-AXIAL:1NF,10%,50V,Y5P,TP,3	
RA154	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		C704	2401-001952	C-AL:4.7UF,20%,50V,-,TP,6.3X7,5	
RA155	2007-000872	R-CHIP:4.7Kohm,5%,1/10W,DA,TP,2012		C705	2401-001893	C-AL:100UF,20%,16V,GP,TP,6.3X7MM,5	
RA2	2007-000964	R-CHIP:5.1Kohm,5%,1/10W,DA,TP,2012		C706	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V	
RA26	2007-000023	R-CHIP:120ohm,5%,1/10W,DA,TP,2012		C707	2202-000243	C-CERAMIC,MLC-AXIAL:33PF,5%,50V,SL,3.5X1	
RA27	2007-001118	R-CHIP:680ohm,5%,1/10W,DA,TP,2012		C708	2202-000279	C-CERAMIC,MLC-AXIAL:47PF,5%,50V,SL,3.5X1	
RA28	2007-000931	R-CHIP:470ohm,5%,1/10W,DA,TP,2012		C709	2202-000279	C-CERAMIC,MLC-AXIAL:47PF,5%,50V,SL,3.5X1	
RA29	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		C710	2202-000279	C-CERAMIC,MLC-AXIAL:47PF,5%,50V,SL,3.5X1	
RA3	2007-000029	R-CHIP:0ohm,5%,1/10W,DA,TP,2012		C711	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5P,TP,	
RA30	2007-000941	R-CHIP:47Kohm,5%,1/10W,DA,TP,2012		C712	2202-000850	C-CERAMIC,MLC-AXIAL:2.2NF,30%,16V,Y5R,TP	
RA31	2007-000766	R-CHIP:330ohm,5%,1/10W,DA,TP,2012		C713	2202-000850	C-CERAMIC,MLC-AXIAL:2.2NF,30%,16V,Y5R,TP	
RA32	2007-000493	R-CHIP:2.2Kohm,5%,1/10W,DA,TP,2012		C714	2401-001904	C-AL:10UF,20%,16V,-,TP,4X7MM,5	
RA33	2007-000593	R-CHIP:22ohm,5%,1/10W,DA,TP,2012		C715	2201-000681	C-CERAMIC,DISC:82PF,5%,50V,SL,TP,5X3,5	
RA34	2007-000781	R-CHIP:33ohm,5%,1/10W,DA,TP,2012		C716	2401-001904	C-AL:10UF,20%,16V,-,TP,4X7MM,5	
RA35	2007-000030	R-CHIP:560ohm,5%,1/10W,DA,TP,2012		CN701	3710-000545	CONNECTOR-SOCKET;20P,1R,1.5MM,STRAIGHT,S	
RA36	2007-000931	R-CHIP:470ohm,5%,1/10W,DA,TP,2012		CN702	3711-001061	CONNECTOR-HEADER;BOX,6P,1R,2MM,ANGLE,SN	
RA37	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		CN703	3711-002597	CONNECTOR-HEADER;NOWALL,9P,2R,1.5MM,STRA	
RA38	2007-000941	R-CHIP:47Kohm,5%,1/10W,DA,TP,2012		CN704	3711-002597	CONNECTOR-HEADER;NOWALL,9P,2R,1.5MM,STRA	
RA39	2007-000766	R-CHIP:330ohm,5%,1/10W,DA,TP,2012		D701	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA4	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		D702	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA40	2007-000493	R-CHIP:2.2Kohm,5%,1/10W,DA,TP,2012		D703	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA41	2007-000593	R-CHIP:22ohm,5%,1/10W,DA,TP,2012		D704	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA42	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012		D705	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA43	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		D709	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA44	2007-000947	R-CHIP:47ohm,5%,1/10W,DA,TP,2012		D710	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,	
RA45	2007-000931	R-CHIP:470ohm,5%,1/10W,DA,TP,2012		DT701	AC07-20050Y	VF-DISPLAY;SVV-12MM09,16SEG,103 X 13.25,	
RA46	2007-001198	R-CHIP:820ohm,1%,1/10W,DA,TP,2012		IC701	1003-001039	IC-VFD;UPD16311GC-AB6,QFP,52P,-,-40	
RA47	2007-000941	R-CHIP:47Kohm,5%,1/10W,DA,TP,2012		JK701	3722-000438	JACK-PIN;1P/1C,PI,3,3,SN,RED,-	
RA48	2007-000766	R-CHIP:330ohm,5%,1/10W,DA,TP,2012		JK702	AC37-22001T	JACK-PIN;DSPS-8805-03W,PI,4,3P,GLD,-	
RA49	2007-000493	R-CHIP:2.2Kohm,5%,1/10W,DA,TP,2012		JK703	3722-000435	JACK-PIN;1P/1C,PI,3,3,SN,RED,-	
RA5	2007-000586	R-CHIP:22Kohm,5%,1/10W,DA,TP,2012		L701	AC27-92001B	COIL-PEAKING AXIAL;BAL04ST101K,-,-,-,-	
RA50	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012		L702	2701-000181	INDUCTOR-AXIAL:33UH,5%,2.4X3.4MM	
RA51	2007-000300	R-CHIP:10Kohm,5%,1/10W,DA,TP,2012		L703	2701-000181	INDUCTOR-AXIAL:33UH,5%,2.4X3.4MM	
RA52	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		LD701	62309-110-340	LED;GL-3HD7/GL3HD8	
RA53	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		Q701	0504-000203	TR-DIGITAL;KSR1004,NPN,300MW,47K-47K,TO-	
RA54	2007-000468	R-CHIP:1Kohm,5%,1/10W,DA,TP,2012		R701	2004-000292	R-METAL:120HM,5%,1/4W,AA,TP,2.4X6.4MM	
RA55	2007-000931	R-CHIP:470ohm,5%,1/10W,DA,TP,2012		R702	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RA56	2007-000822	R-CHIP:390ohm,5%,1/10W,DA,TP,2012		R703	2004-000790	R-METAL:330ohm,5%,1/4W,AA,TP,2.4x6.4mm	
RA57	2007-001155	R-CHIP:750ohm,5%,1/10W,DA,TP,2012		R704	2001-000969	R-CARBON:750HM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc.No	Part No	Desc & Spec	Remark	Loc.No	Part No	Desc & Spec	Remark
R705	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R807	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R706	61048-177-563	R-CARBON;RD 1/8 T 563-J		R808	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R707	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R809	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R708	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R811	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R709	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R812	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R710	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R813	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R711	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		R814	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R712	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R815	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R713	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM		R816	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R714	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM		SW801	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
R715	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		SW802	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
R716	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		SW803	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
R717	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		SW804	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
R718	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		SW805	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
R719	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		SW806	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
R720	2001-000325	R-CARBON;120OHM,5%,1/8W,AA,TP,1.8X3.2MM		SW807	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
RM701	AC59-62001G	MODULE-REMOCON;TFMR5380,38KHZ,-,-,-,-		SW808	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW701	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW809	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW702	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW810	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW703	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW811	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW704	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW812	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW705	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW813	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW706	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW814	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW707	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW815	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW708	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW816	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW709	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM		SW817	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
SW710	3408-000261	SWITCH-SLIDE;50V,300MA,-,-		SW818	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
ZD701	0403-000357	DIODE-ZENER;UZ5.6BM,5.6V,5.4-5.8V,500MW		SW819	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
ZD702	0403-000555	DIODE-ZENER;MTZ30D,30V,29.02-30.51V,500M		SW820	3404-001008	SWITCH-TACT;12V,20MA,160+50,6X7.9X3.5MM	
671	69315-302-201	ASSY JOINT;SV-300W		WA801	B6032-0048	WIRE-PLATE;20/57 UL2896 BLK BANDO CARD/1	
CN8J00	3708-000209	CONNECTOR-FPC/FC/PIC;20P,1.25MM,N,P-BRON		ZD801	0403-000558	DIODE-ZENER;MTZ5.6C,5.6V,5.61-5.91V,500M	
CN8J01	3710-000531	CONNECTOR-HEADER;9P,1R,1.5MM,STRAIGHT,SN		ZD802	0403-000558	DIODE-ZENER;MTZ5.6C,5.6V,5.61-5.91V,500M	
CN8J02	3710-000531	CONNECTOR-HEADER;9P,1R,1.5MM,STRAIGHT,SN		ZD803	0403-000558	DIODE-ZENER;MTZ5.6C,5.6V,5.61-5.91V,500M	
672	AC93-10825B	ASSY-FUNCTION;SV-4000W,WORLD WIDE 2					
C802	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5P,TP,					
CN801	3708-000204	CONNECTOR-FPC/FC/PIC;20P,1.25MM,N,P-BRON					
D801	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,					
D802	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,					
D803	0401-000101	DIODE-SWITCHING;1N4148,100V,200MA,500MW,					
IC801	AC14-12001X	IC;M5481,-,-					
LD801	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD802	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD803	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD804	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD805	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD806	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD807	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD808	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD811	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD812	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD813	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD814	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD815	0601-000497	LED;ROUND,GRN,3MM,565NM					
LD816	0601-000497	LED;ROUND,GRN,3MM,565NM					
R801	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM					
R802	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM					
R803	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM					
R804	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM					
R805	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM					
R806	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM					

# MEMO

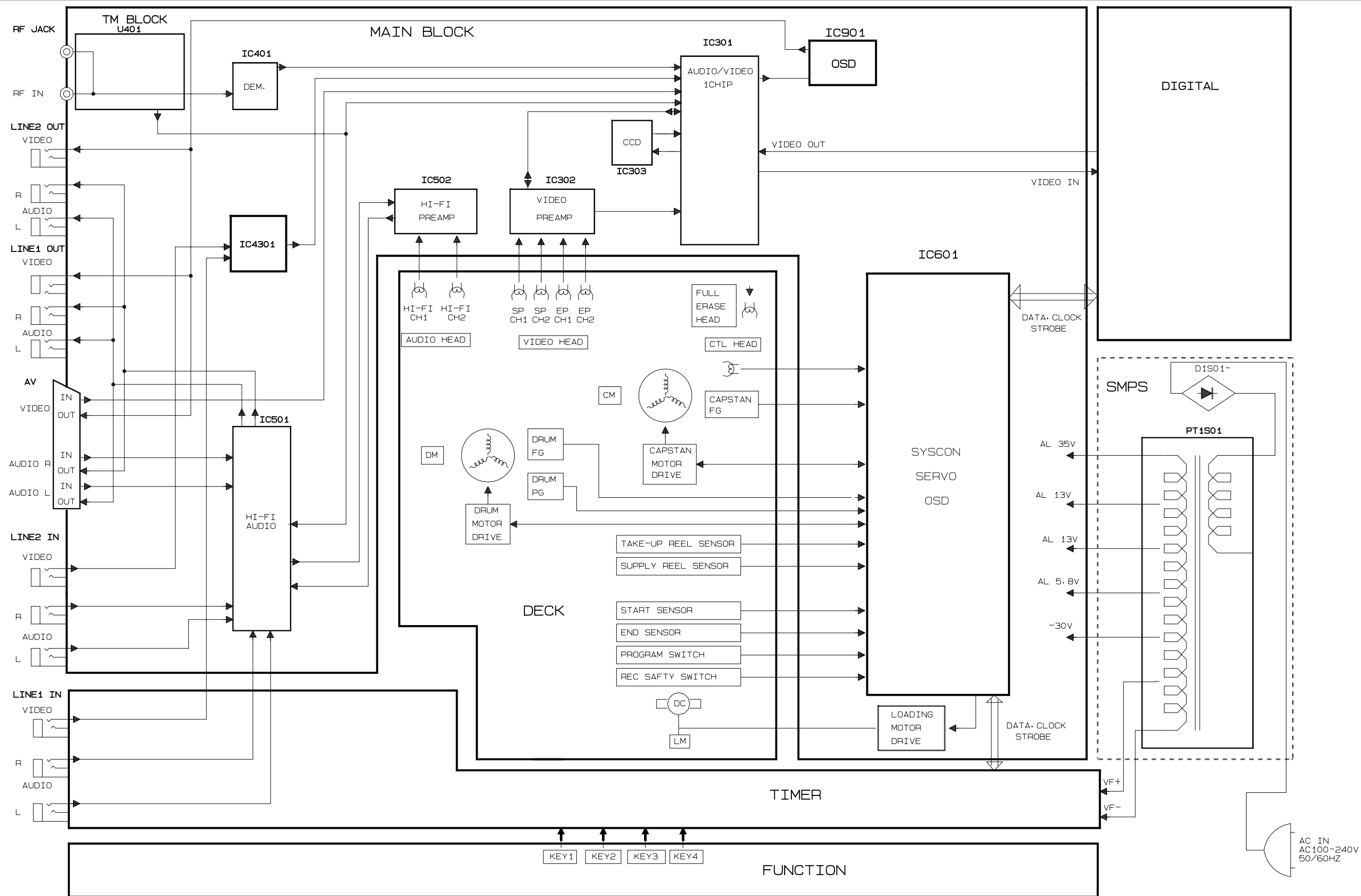
---

## 9. Block Diagrams

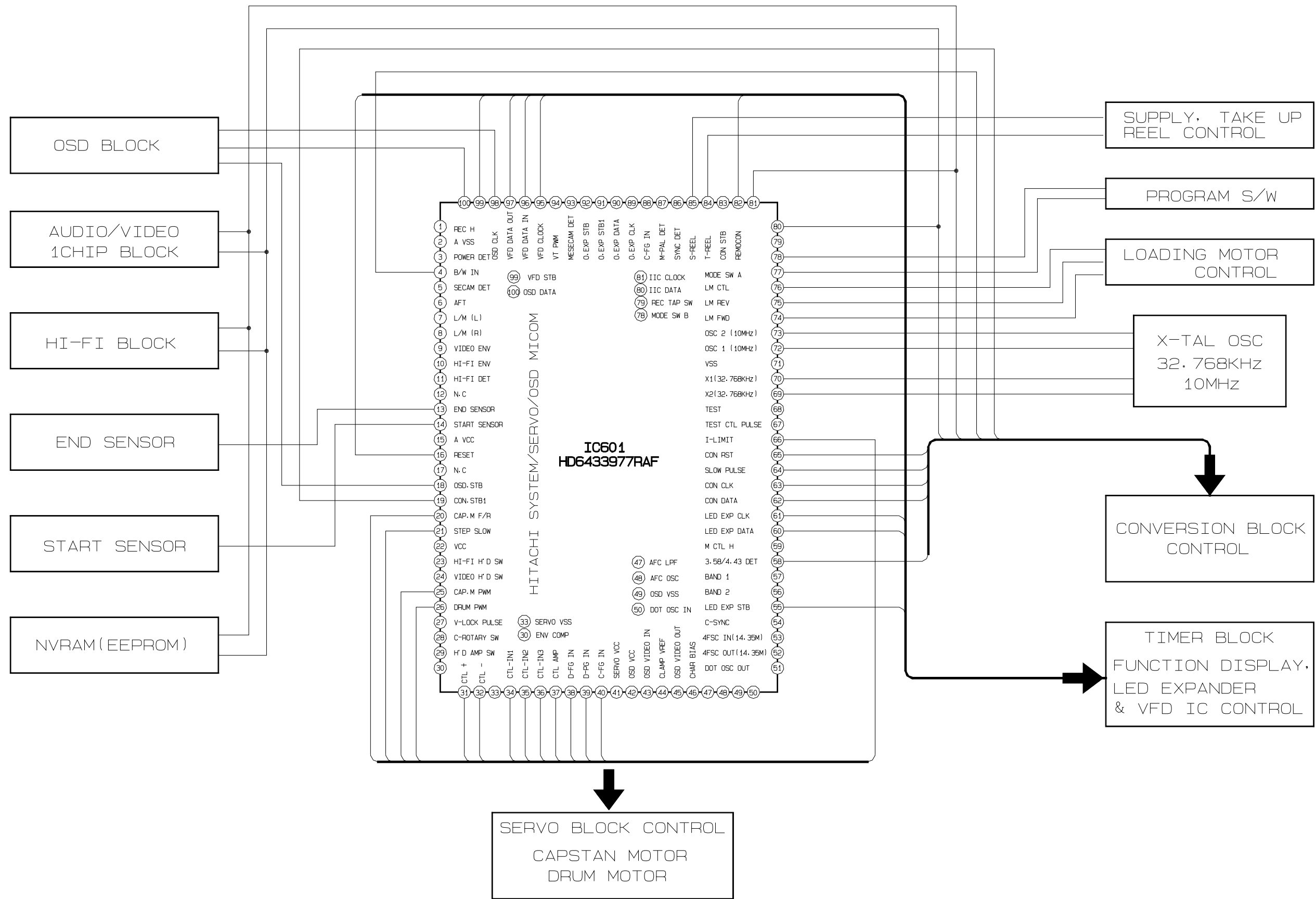
---

	<b>Page</b>
<b>9-1 Overall Block Diagram</b> - - - - -	<b>9-2</b>
<b>9-2 System Control</b> - - - - -	<b>9-3</b>
<b>9-3 Video</b> - - - - -	<b>9-4</b>
<b>9-4 Hi-Fi Audio</b> - - - - -	<b>9-5</b>
<b>9-5 Function-Timer</b> - - - - -	<b>9-6</b>

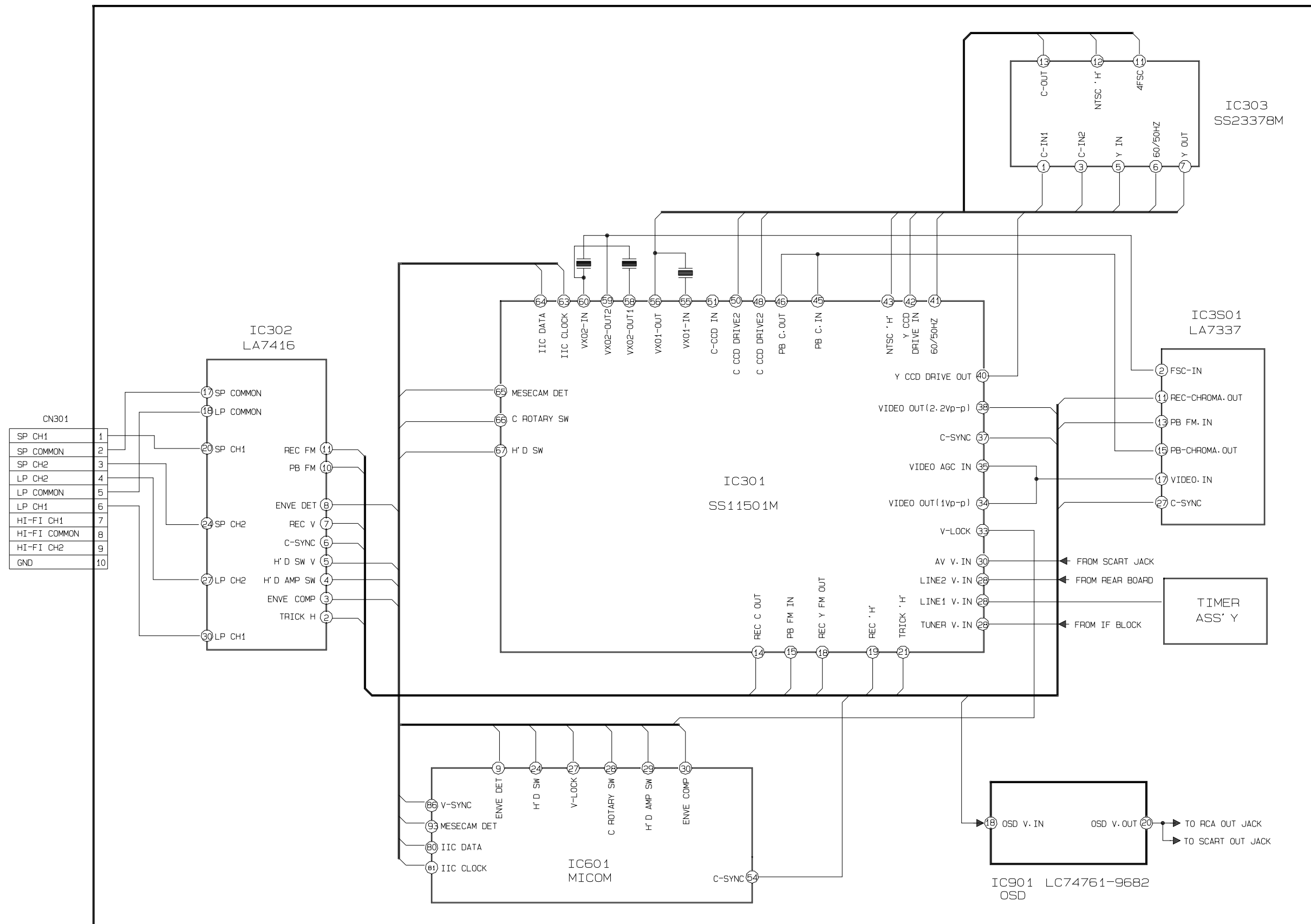
### 9-1 Overall Block Diagram



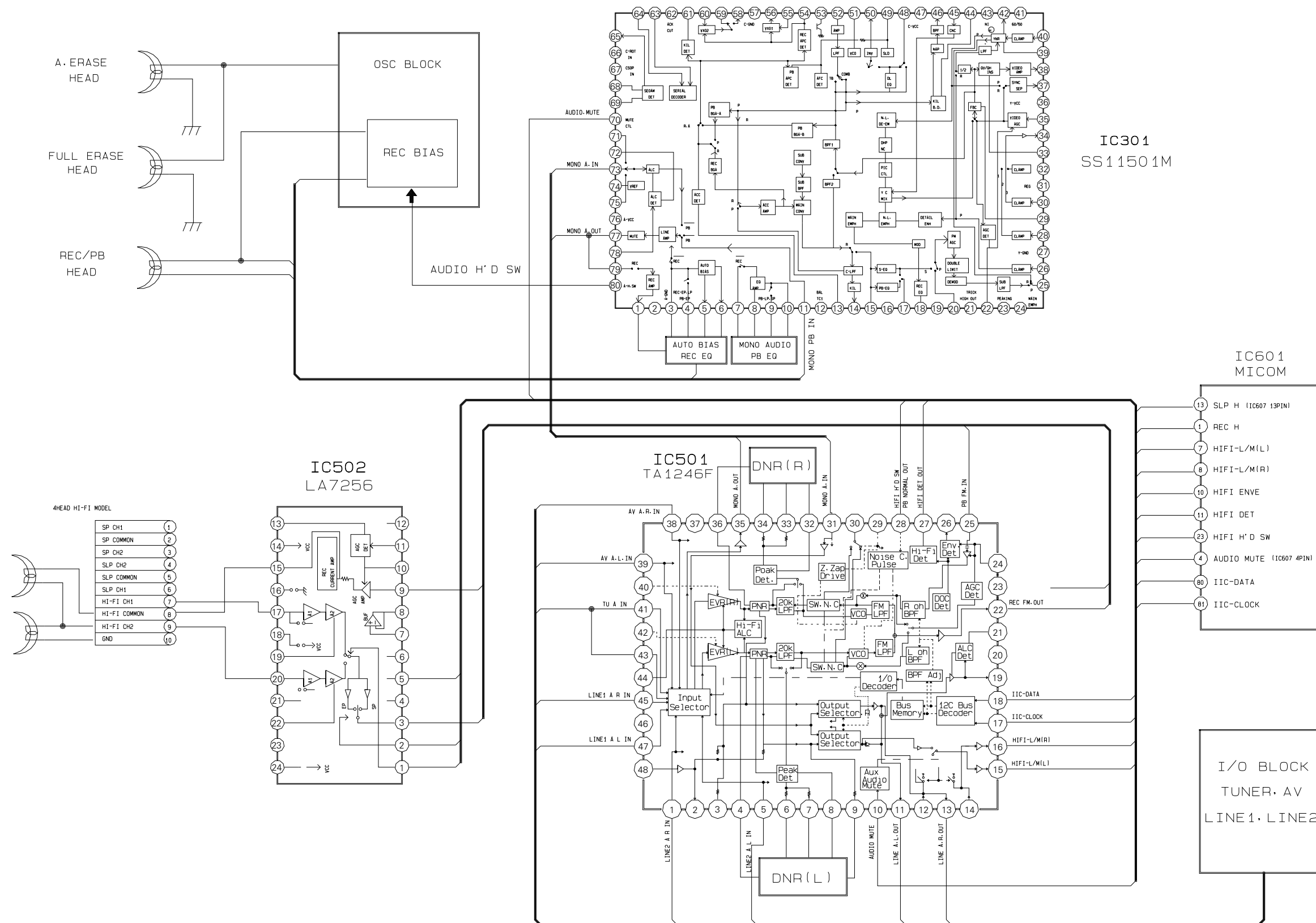
9-2 System Control



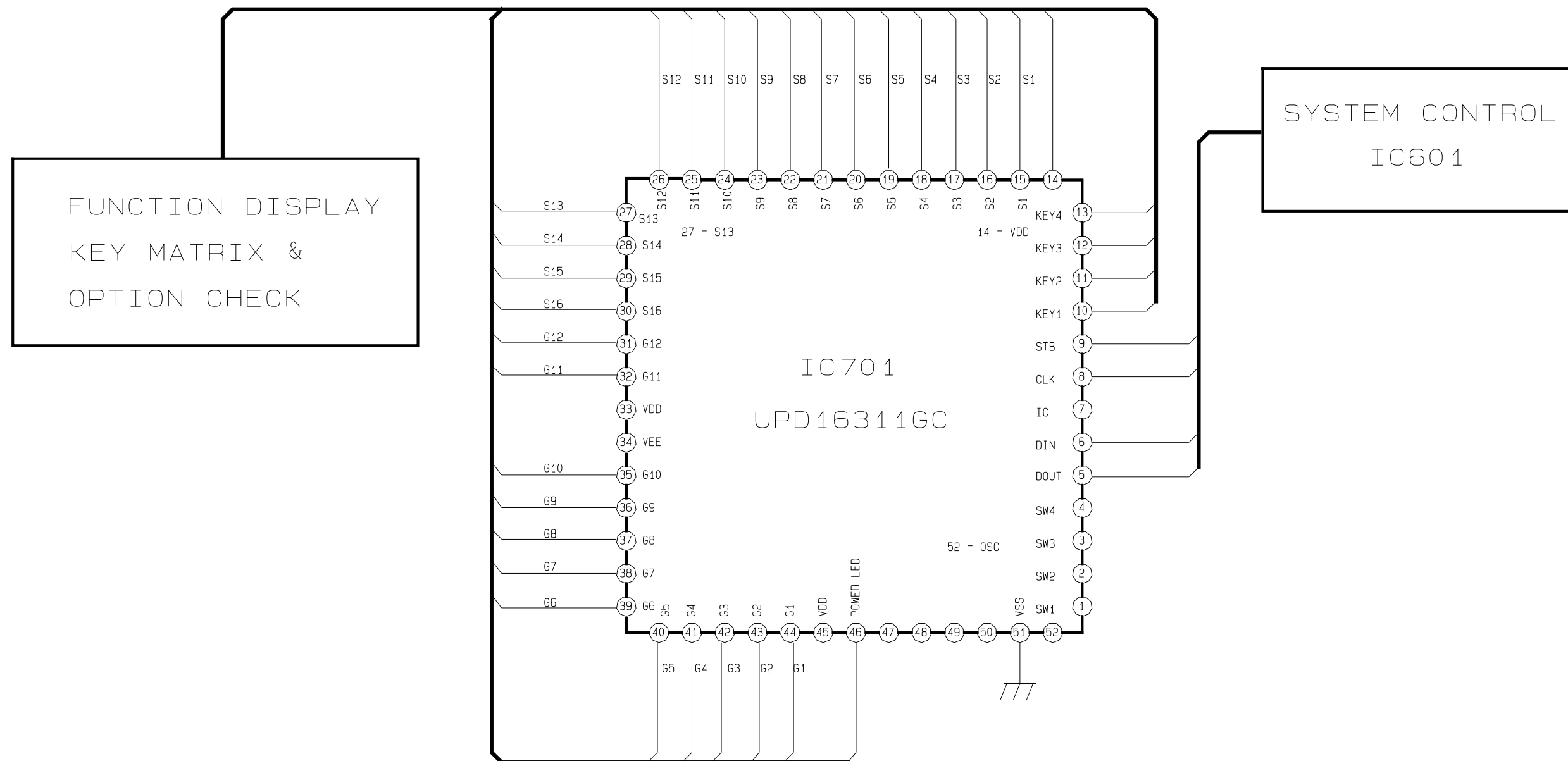
### 9-3 Video



9-4 Hi-Fi



9-5 Function-Timer



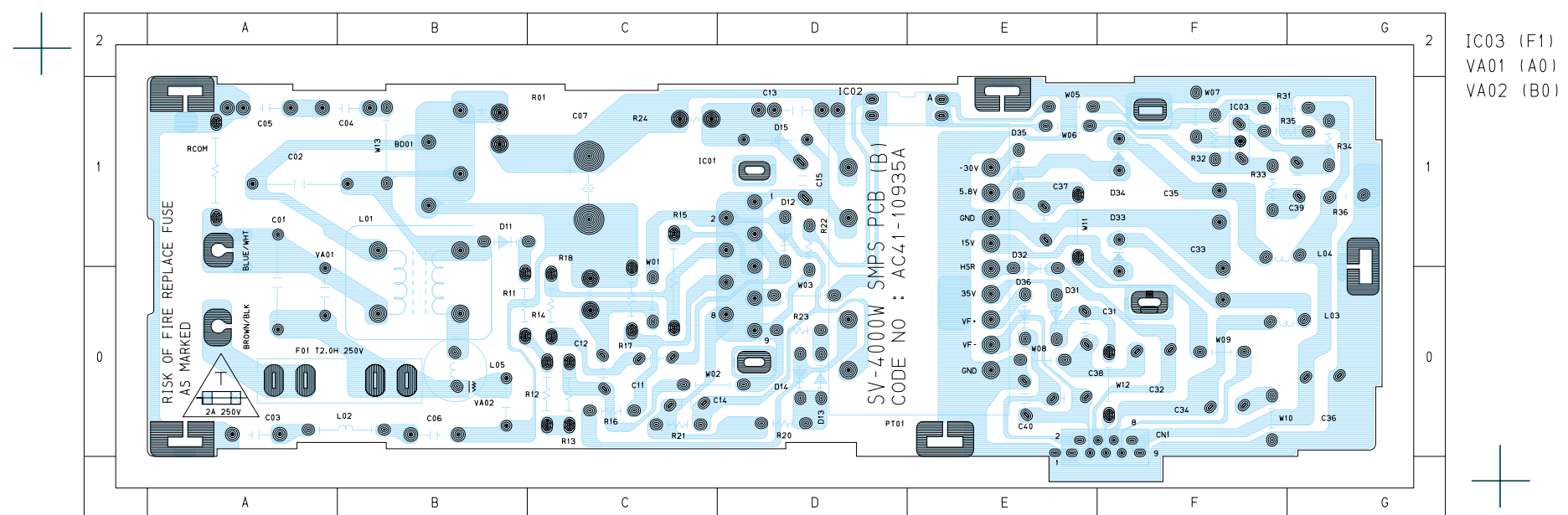
---

## 10. PCB Diagrams


---

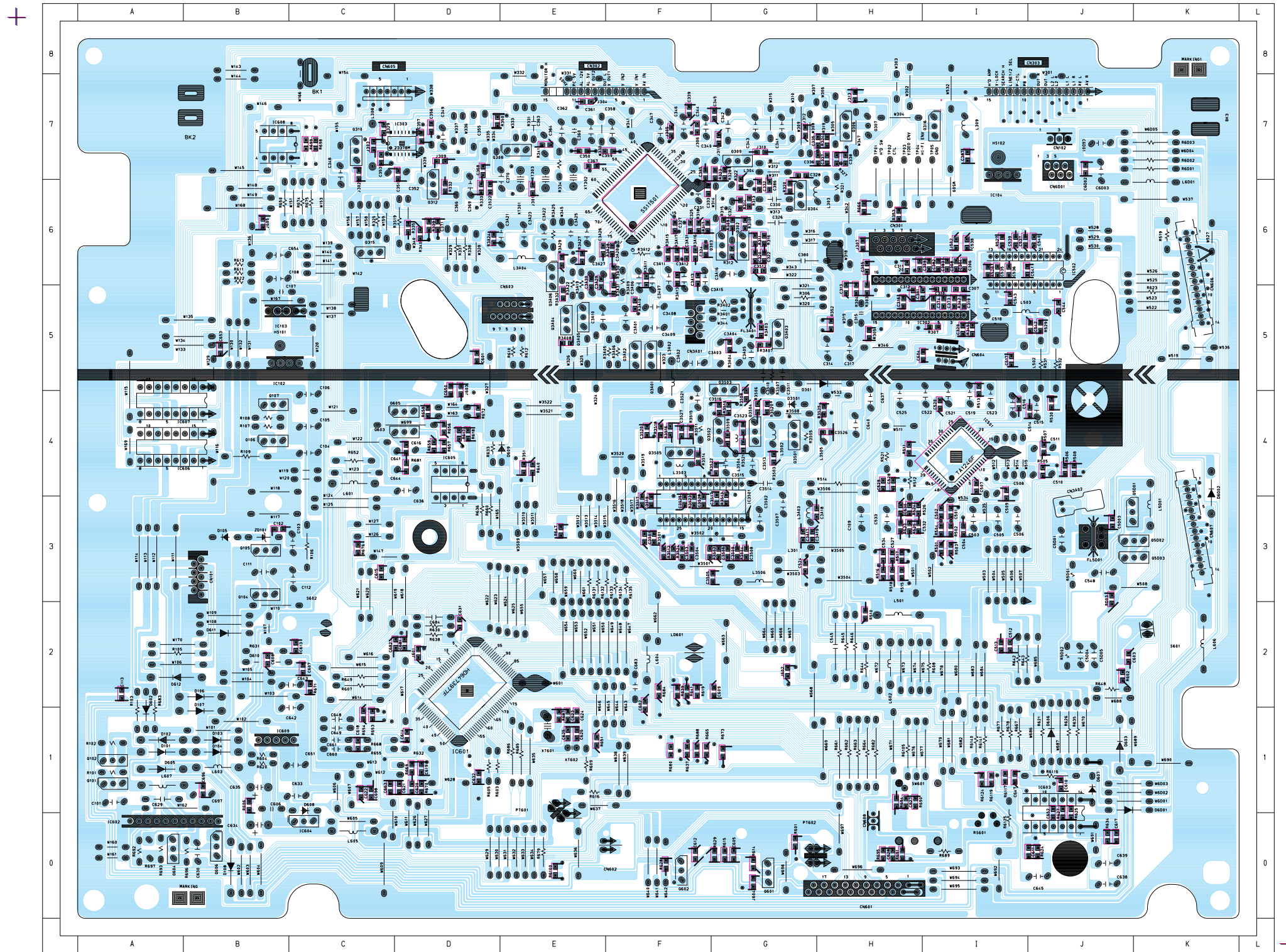
	<b>Page</b>
<b>10-1 SMPS</b> .....	<b>10-2</b>
<b>10-2 Main</b> .....	<b>10-3</b>
<b>10-3 I/O</b> .....	<b>10-4</b>
<b>10-4 Digital</b> .....	<b>10-5</b>
<b>10-5 IF</b> .....	<b>10-6</b>
<b>10-6 Timer</b> .....	<b>10-7</b>
<b>10-7 Joint</b> .....	<b>10-8</b>
<b>10-8 Function</b> .....	<b>10-8</b>

### 10-1 SMPS



10-2 Main

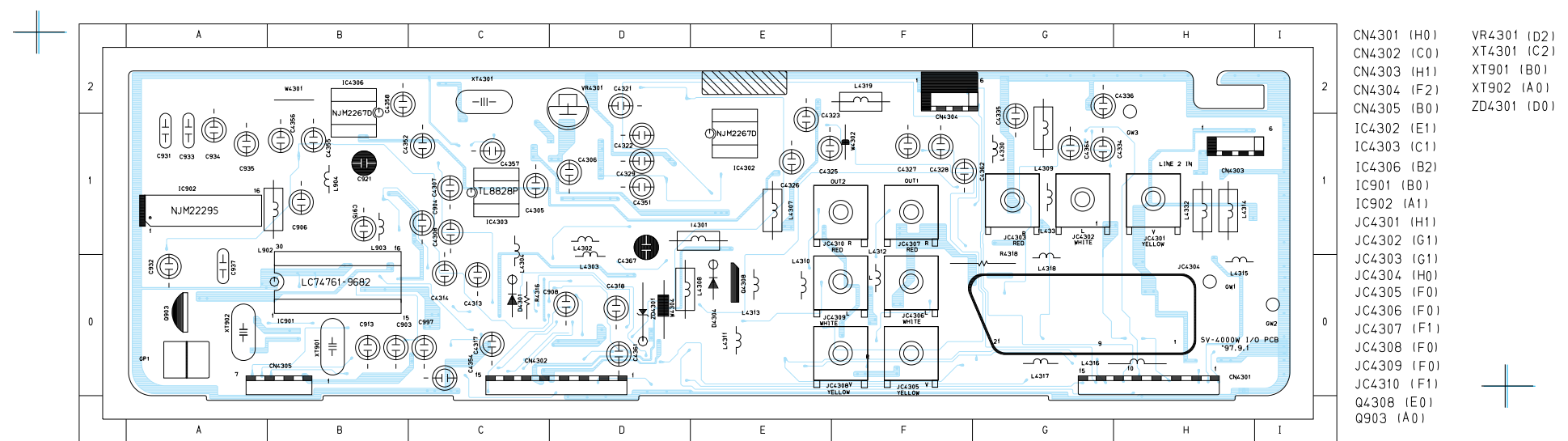
 : Chip Parts



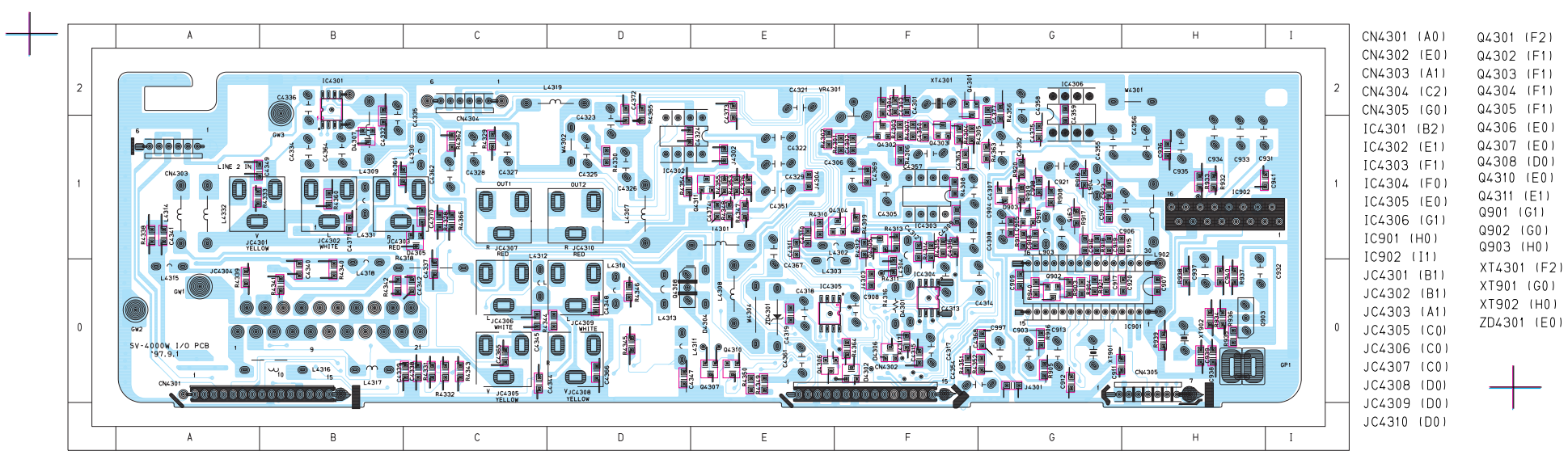
- CN102 (J7)
- CN3A01 (F5)
- CN601 (G0)
- CN603 (E5)
- CN604 (I5)
- CN605 (D7)
- CN608 (H0)
- CN6D01 (J7)
- IC103 (B5)
- IC301 (F6)
- IC302 (I6)
- IC303 (D7)
- IC3501 (F3)
- IC501 (I4)
- IC502 (J6)
- IC603 (J1)
- IC604 (C0)
- IC605 (D4)
- IC606 (B4)
- IC607 (B5)
- IC608 (C7)
- IC609 (B1)
- S601 (K2)
- S602 (C2)
- XT301 (E6)
- XT302 (E7)
- XT303 (E6)
- XT601 (E1)
- XT602 (E1)
- ZD101 (B3)
- Q101 (A1)
- Q102 (A1)
- Q104 (B3)
- Q105 (B3)
- Q106 (B4)
- Q107 (B4)
- Q302 (G6)
- Q303 (G6)
- Q304 (G6)
- Q306 (H7)
- Q307 (H7)
- Q308 (E7)
- Q309 (G7)
- Q310 (C7)
- Q312 (D6)
- Q315 (C6)
- Q316 (I7)
- Q3A01 (F5)
- Q3A02 (F5)
- Q3A03 (G5)
- Q3A04 (E5)
- Q3A05 (E5)
- Q3A06 (E6)
- Q3501 (G4)
- Q3502 (G4)
- Q3503 (G5)
- Q3504 (G4)
- Q3505 (F4)
- Q5D01 (J3)
- Q5D02 (K3)
- Q5D03 (K3)
- G601 (G0)
- G602 (F0)
- G603 (D4)
- G604 (A0)
- G605 (D4)
- G606 (B0)

10-3 I/O

: Chip Parts



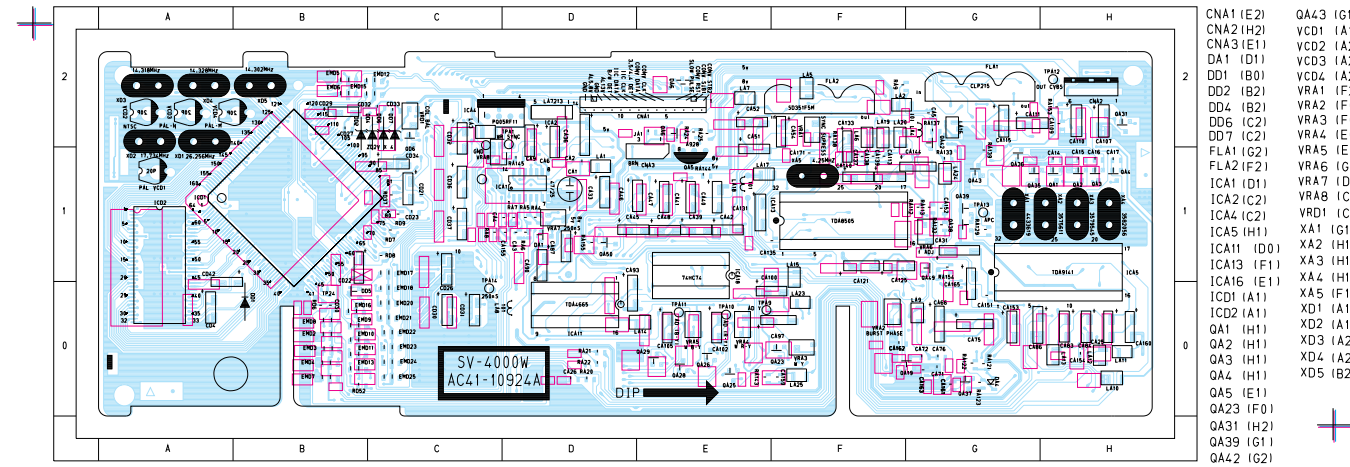
(Component Side)



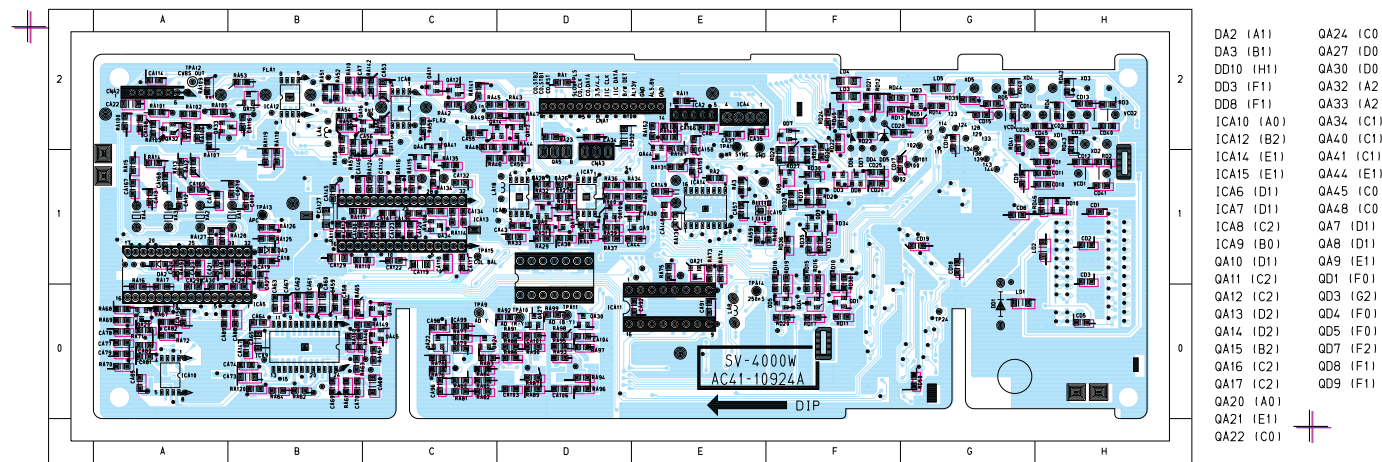
(Conductor Side)

10-4 Digital

 : Chip Parts




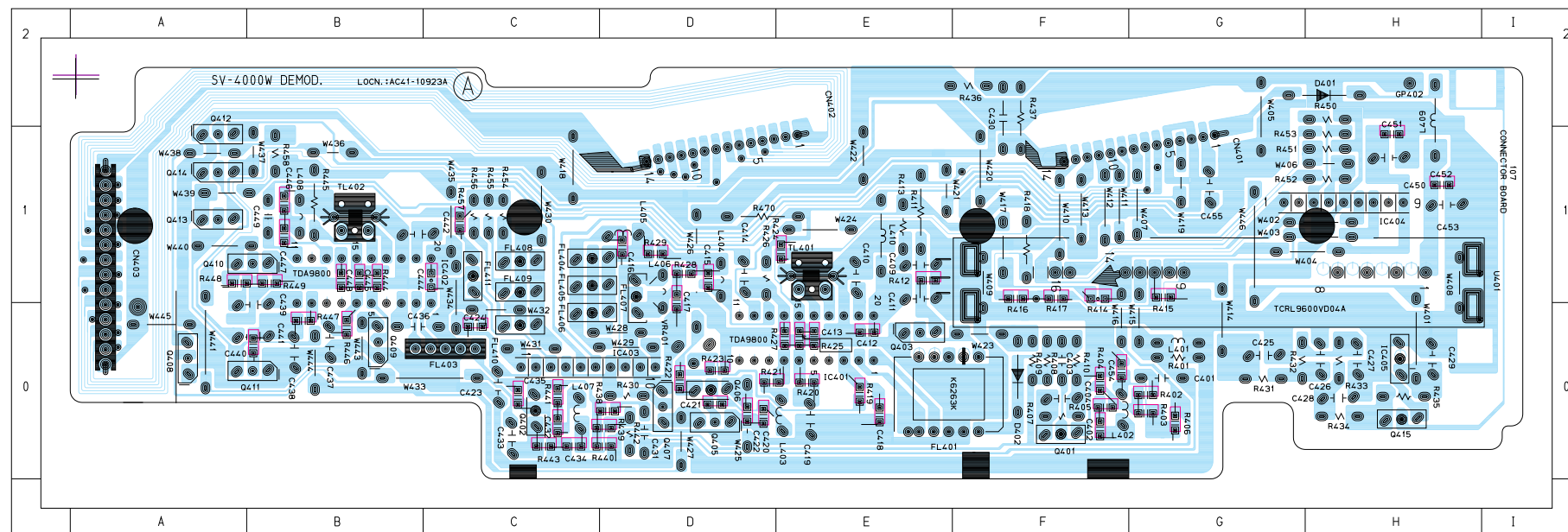
(Component Side)



(Conductor Side)

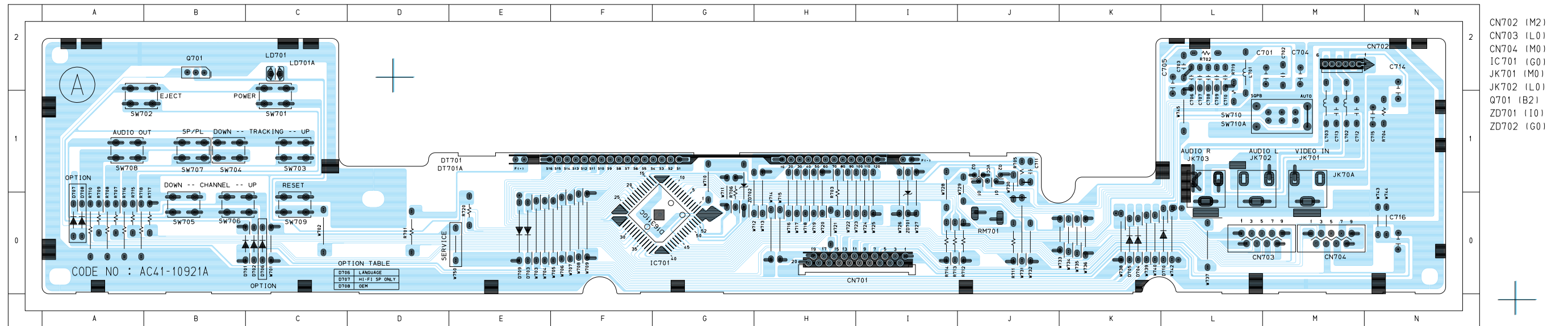
10-5 IF

 : Chip Parts

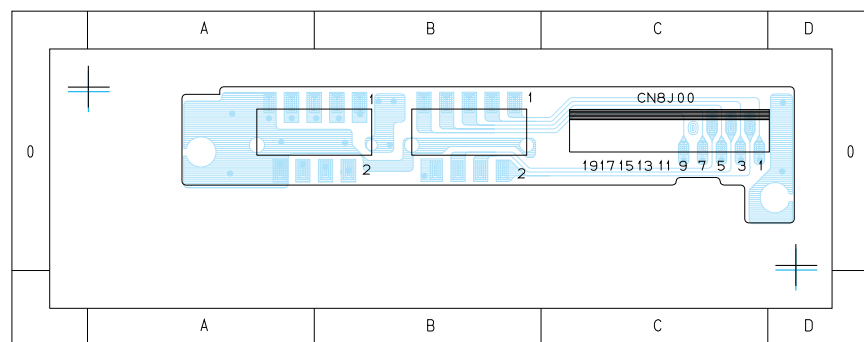


- CN401 (G2)
- CN402 (E2)
- CN403 (A1)
- D401 (H2)
- D402 (F0)
- IC401 (E0)
- IC402 (C1)
- IC403 (C0)
- IC404 (G1)
- Q403 (E0)
- Q405 (D0)
- Q407 (D0)
- Q408 (A0)
- Q409 (B0)
- Q410 (B1)
- Q411 (B0)
- Q412 (A1)
- Q413 (A1)
- Q414 (A1)

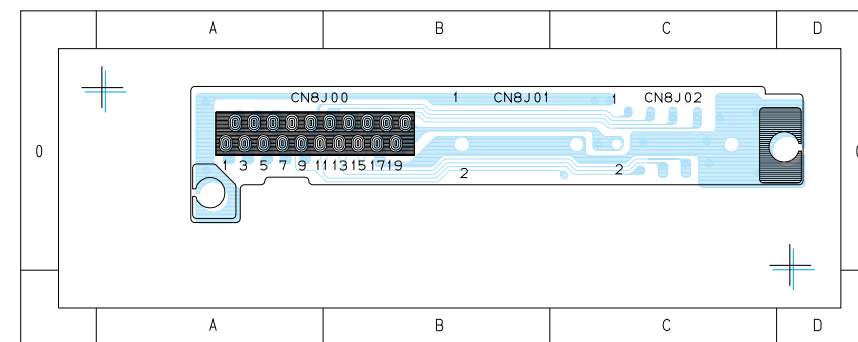
10-6 Timer



### 10-7 Joint

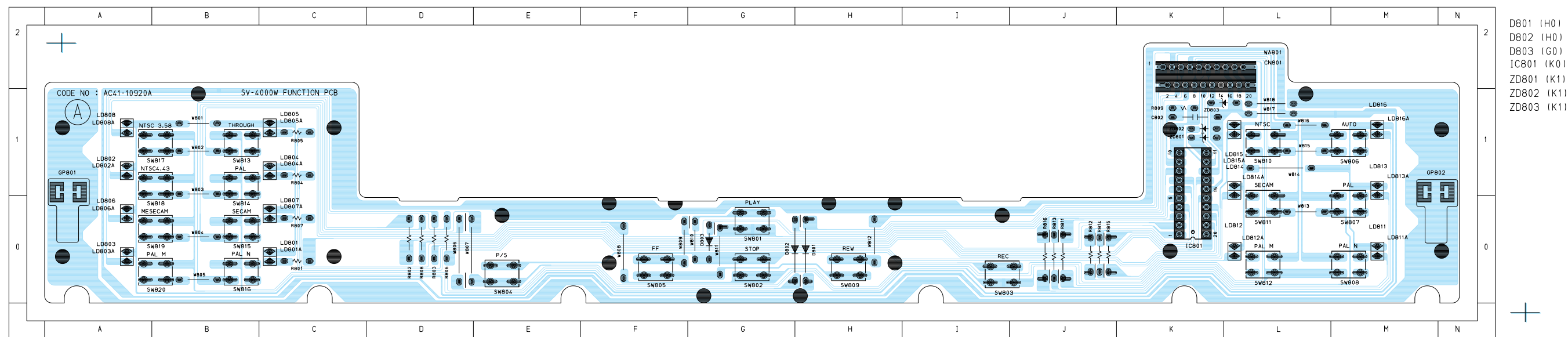


(Component Side)

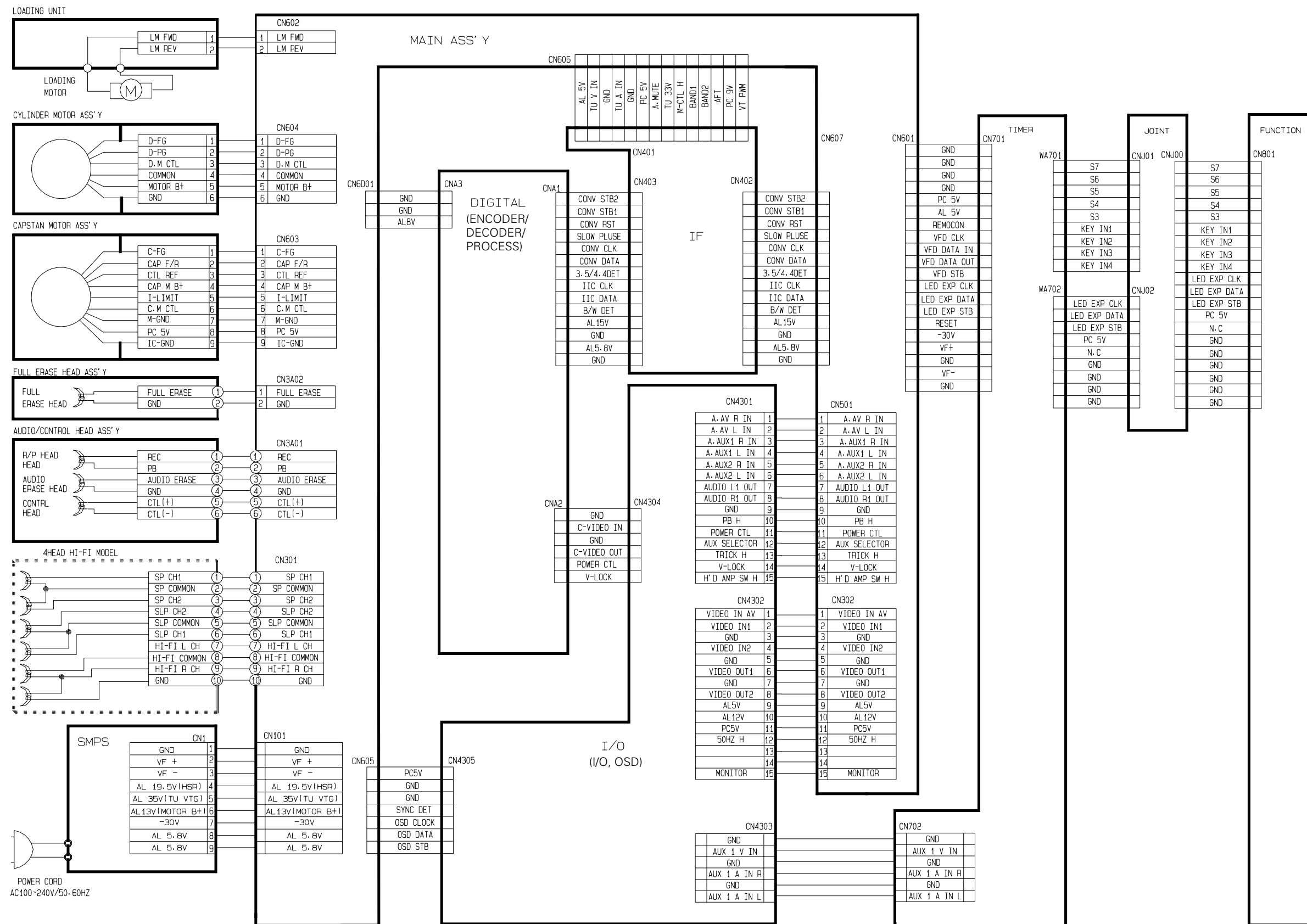


(Conductor Side)

### 10-8 Function



# 11. Wiring Diagram



---

## 12. Schematic Diagrams

---

	Page
◆ Block Identification of Main PCB .....	12-2
12-1 Remote Control .....	12-3
12-2 S.M.P.S .....	12-4
12-3 Power .....	12-5
12-4 System Control/Servo .....	12-6
12-5 Audio/Video .....	12-8
12-6 Hi-Fi Audio .....	12-10
12-7 SECAM .....	12-12
12-8 IF .....	12-13
12-9 OSD .....	12-14
12-10 I/O .....	12-16
12-11 Process .....	12-17
12-12 Decoder .....	12-18
12-13 Encoder .....	12-20
12-14 Timer .....	12-22
12-15 Joint/Function .....	12-23

**Note**

For schematic Diagram  
 - Resistors are in ohms, 1/8W unless otherwise noted.  
 - Circled numbers refer to waveforms.


**Special note :**

Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

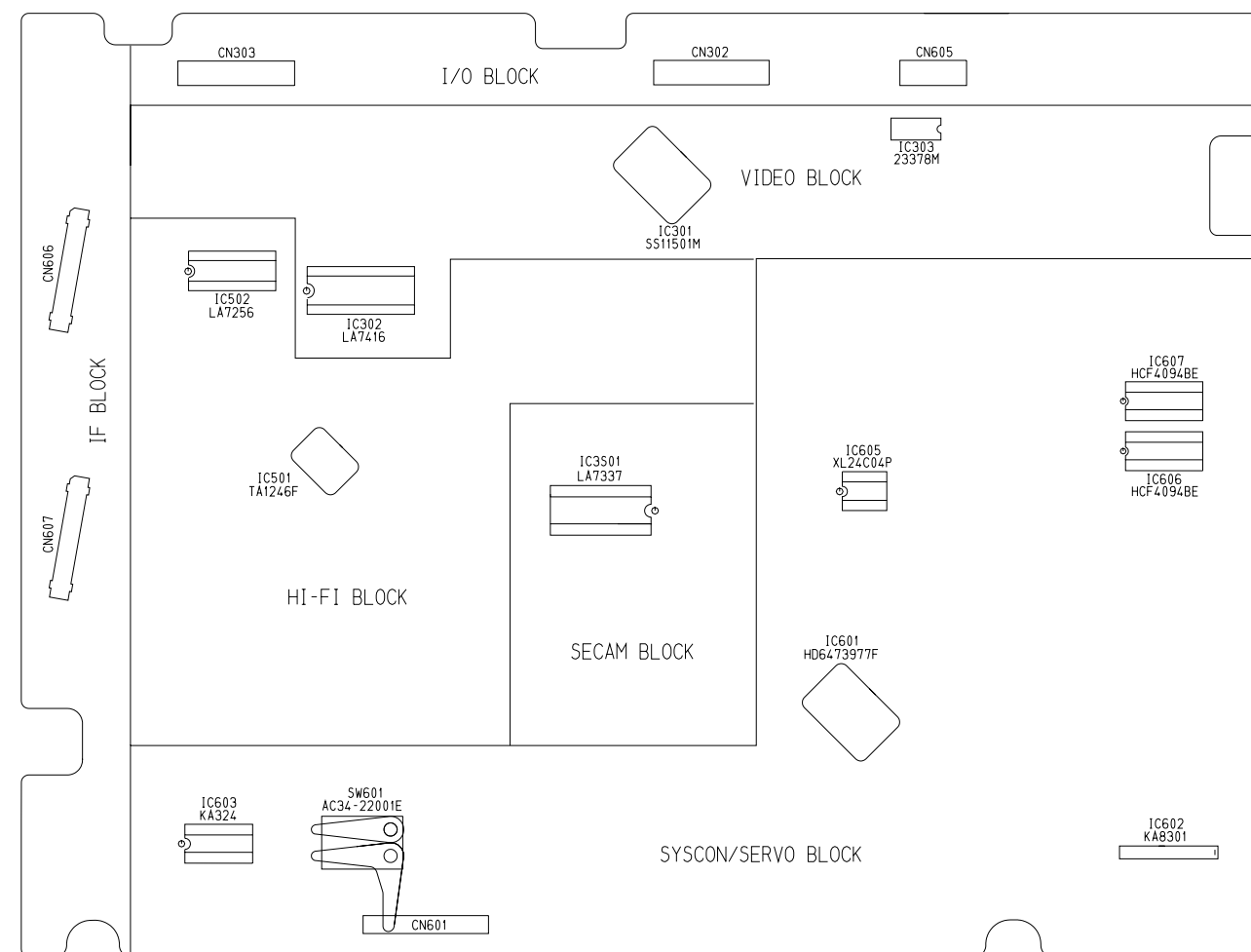
**Note :**

Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

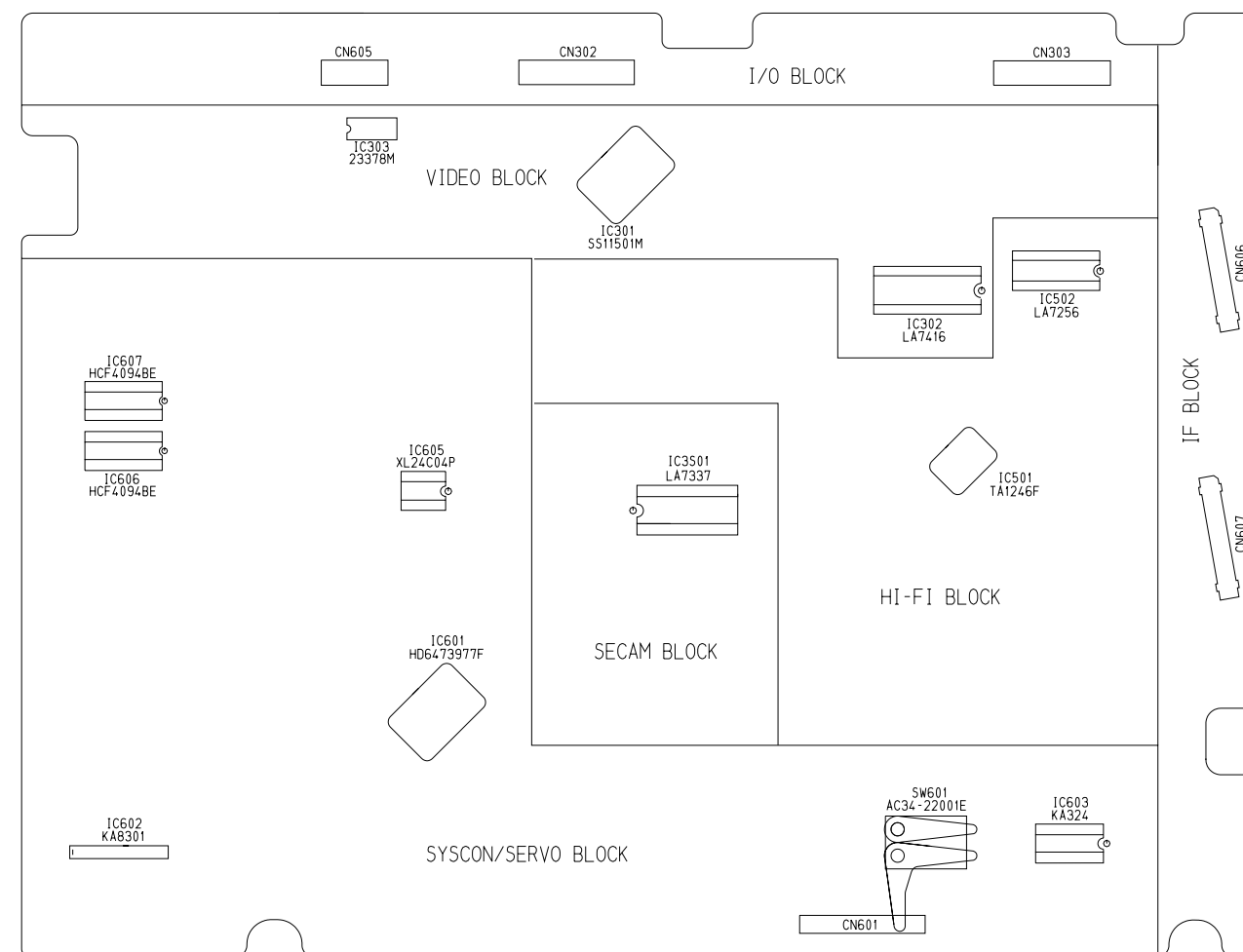
**Important safety notices :**

Components identified with the mark  have the special characteristics for safety. When replacing any of these components. Use only the same type.

◆ **Block Identification of Main PCB**

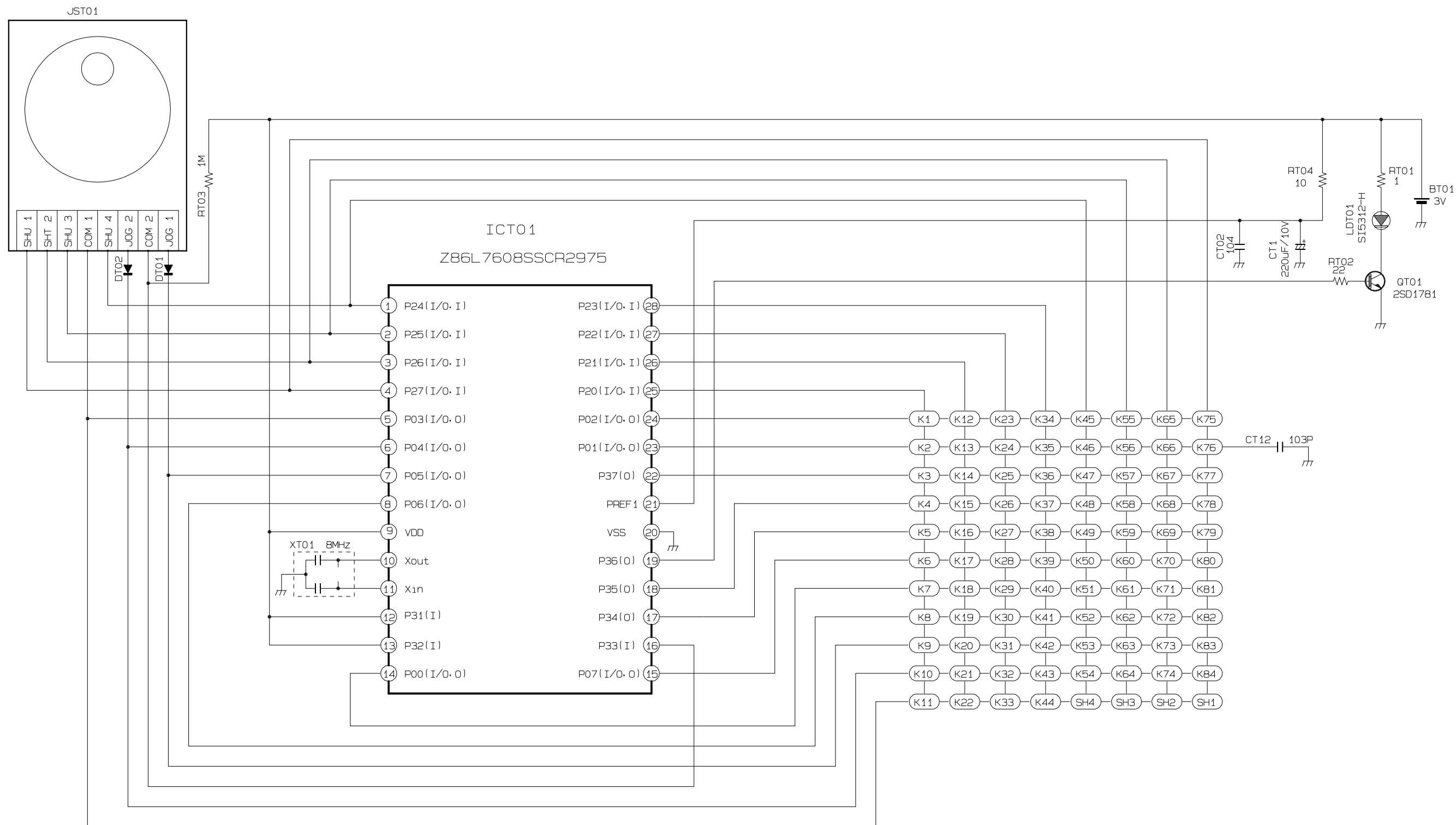


(Component Side)



(Conductor Side)


### 12-1 Remote Control

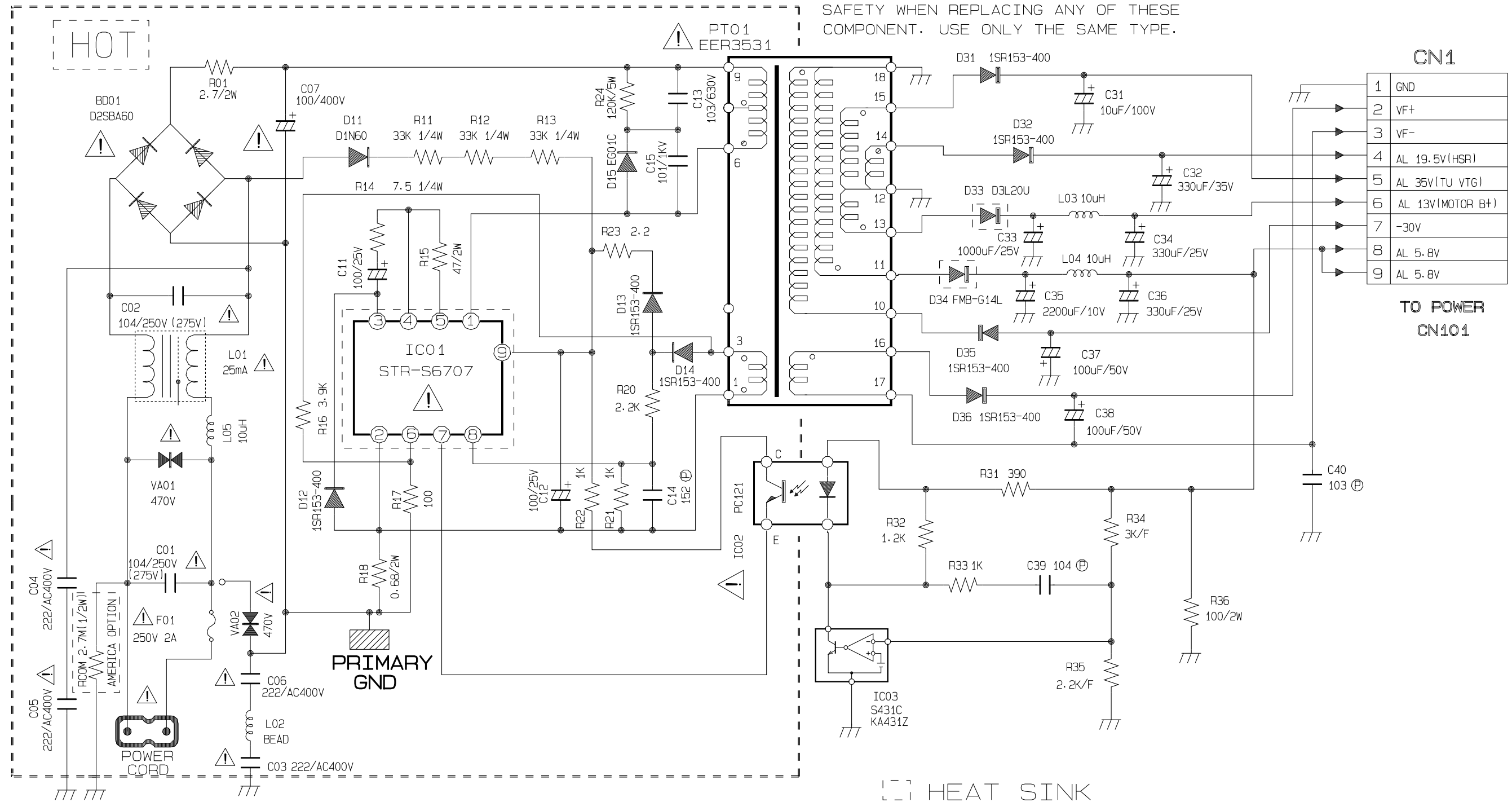


## 12-2 SMPS

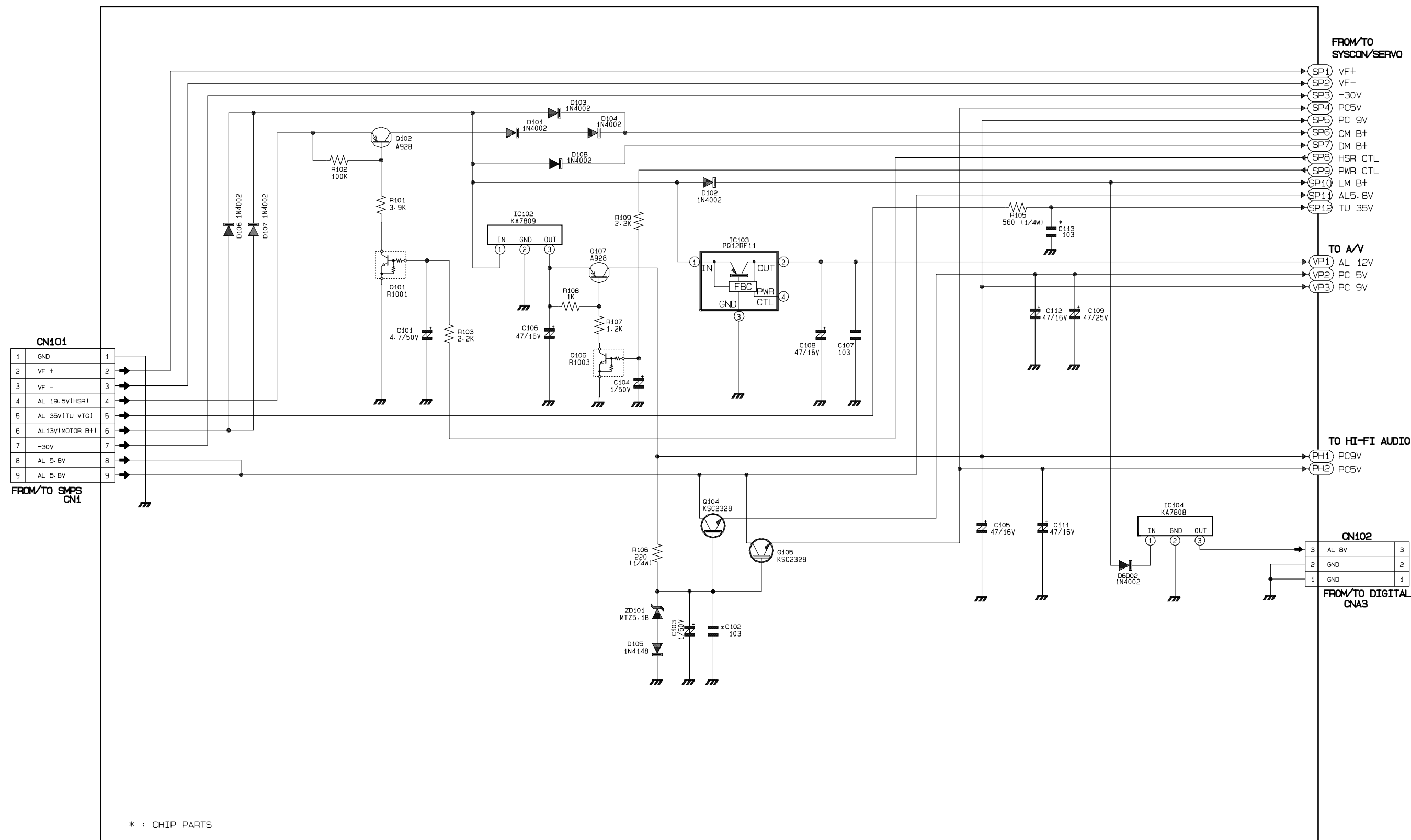
NOTE : IF YOU CHECK THE VOLTAGE FOR PARTS IN HOT CIRCUIT, YOU MUST USE **PRIMARY GND** AS A COMMON TERMINAL.

### IMPORTANT SAFETY NOTICE

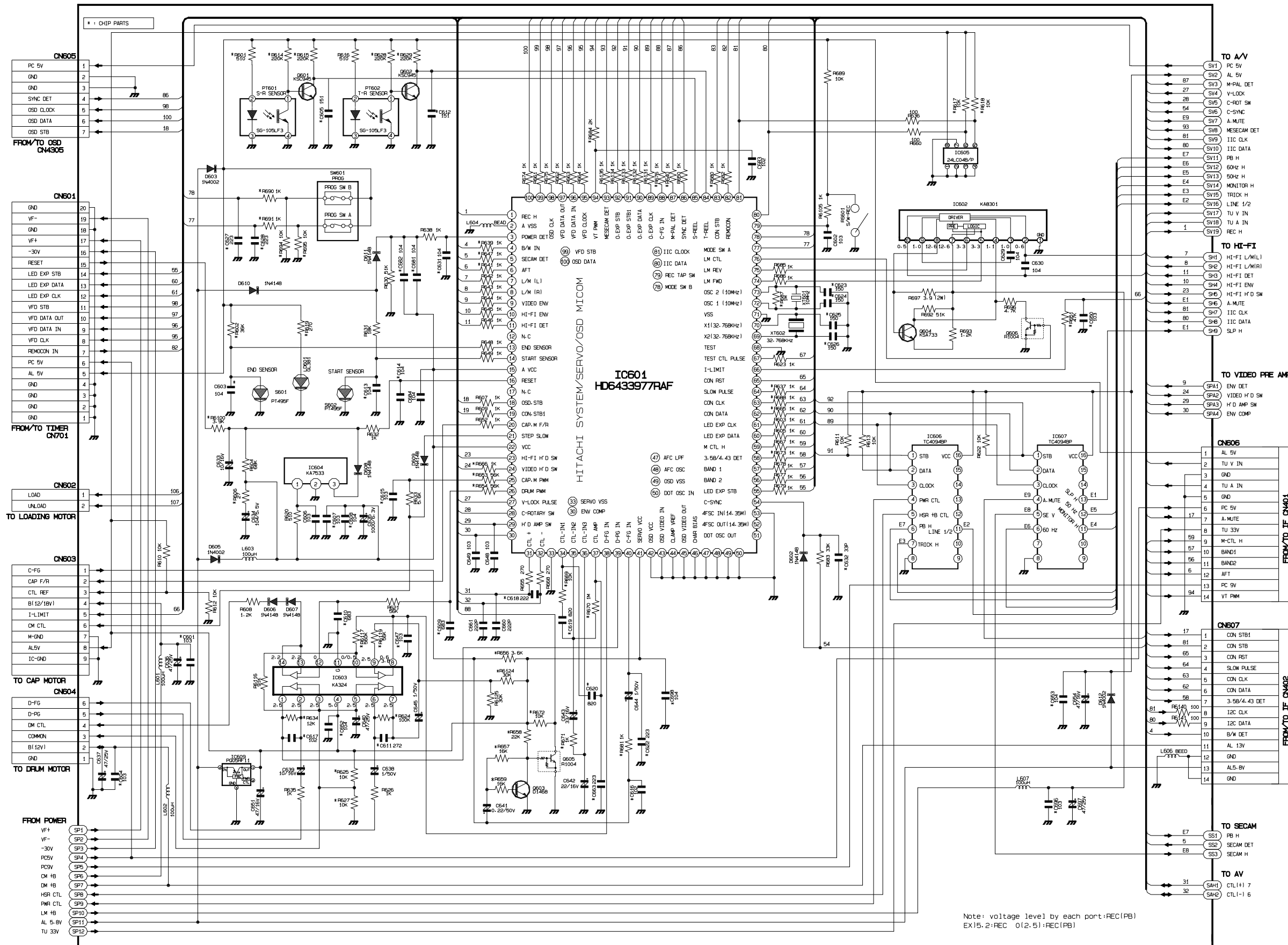
COMPONENT IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENT. USE ONLY THE SAME TYPE.



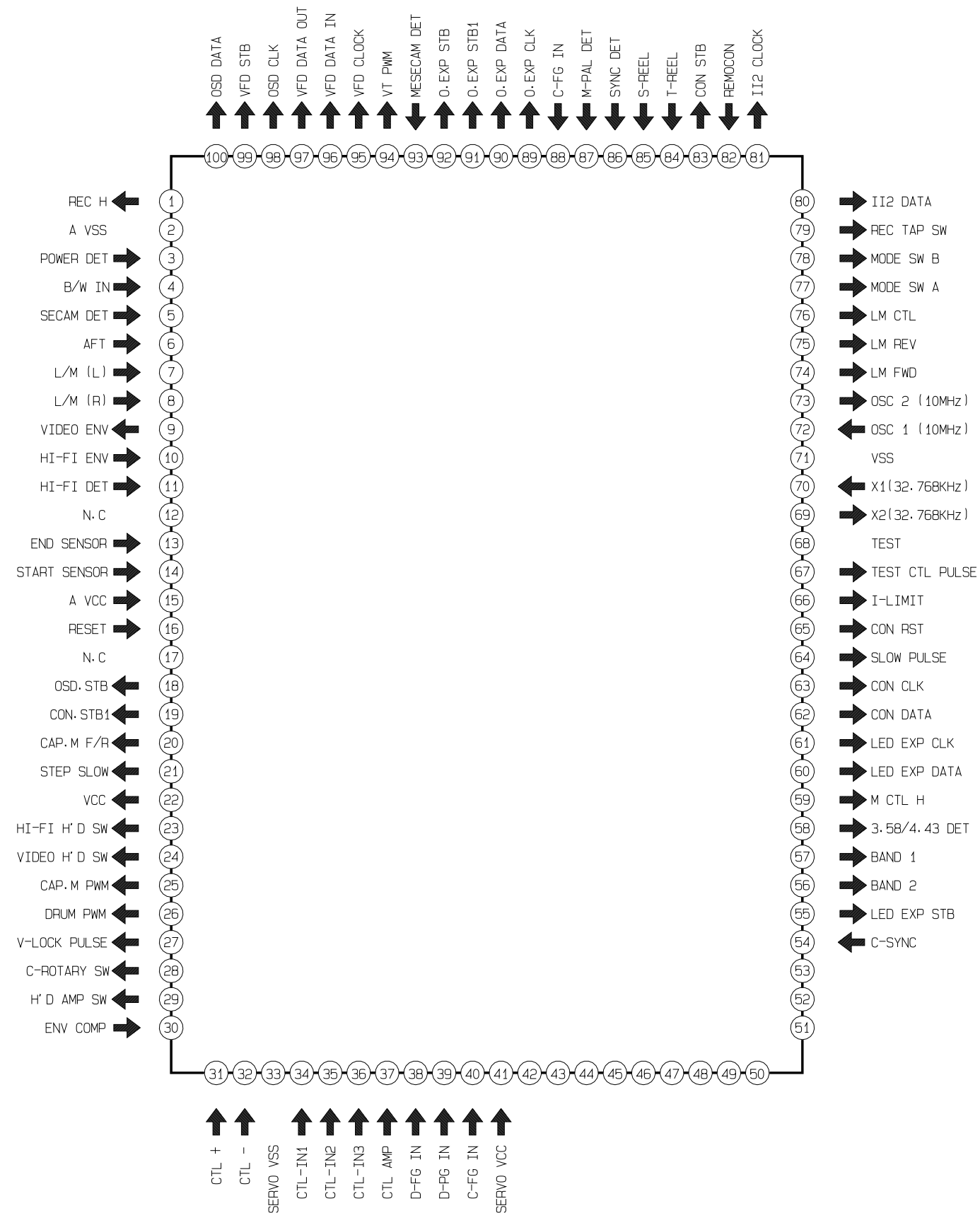
### 12-3 Power



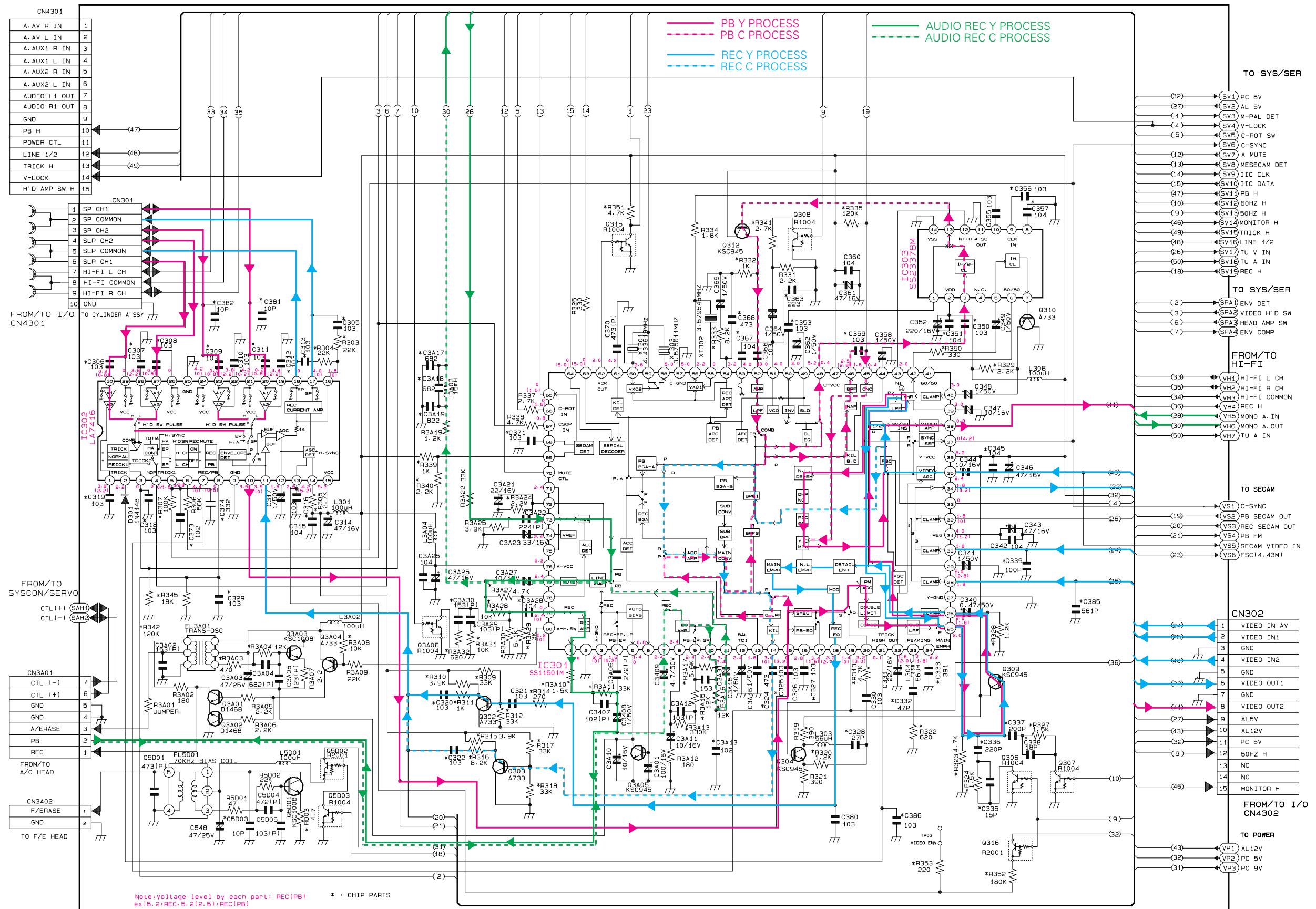
### 12-4 System Control/Servo



# IC601 HD6433977RAF

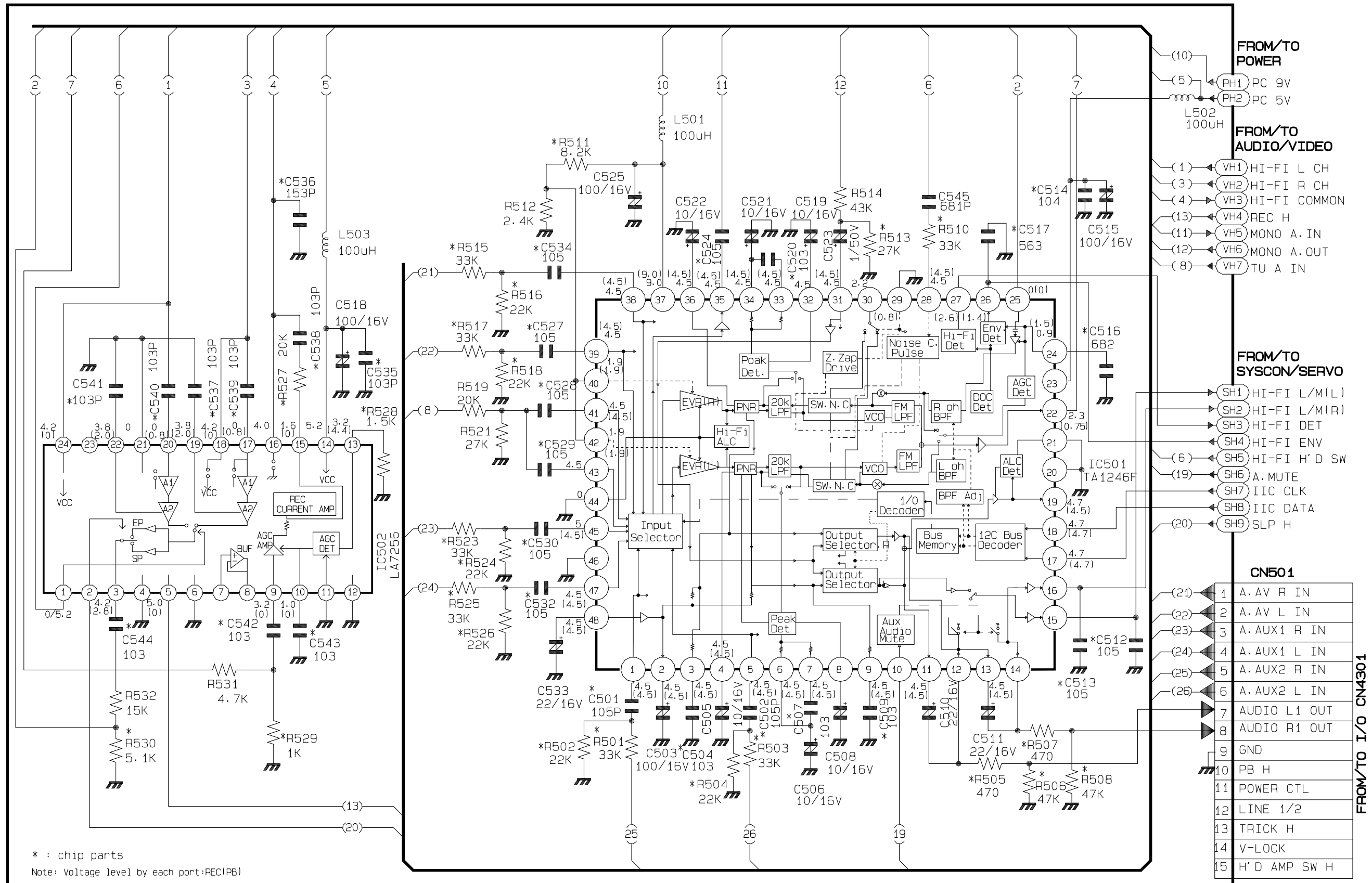


### 12-5 Audio/Video

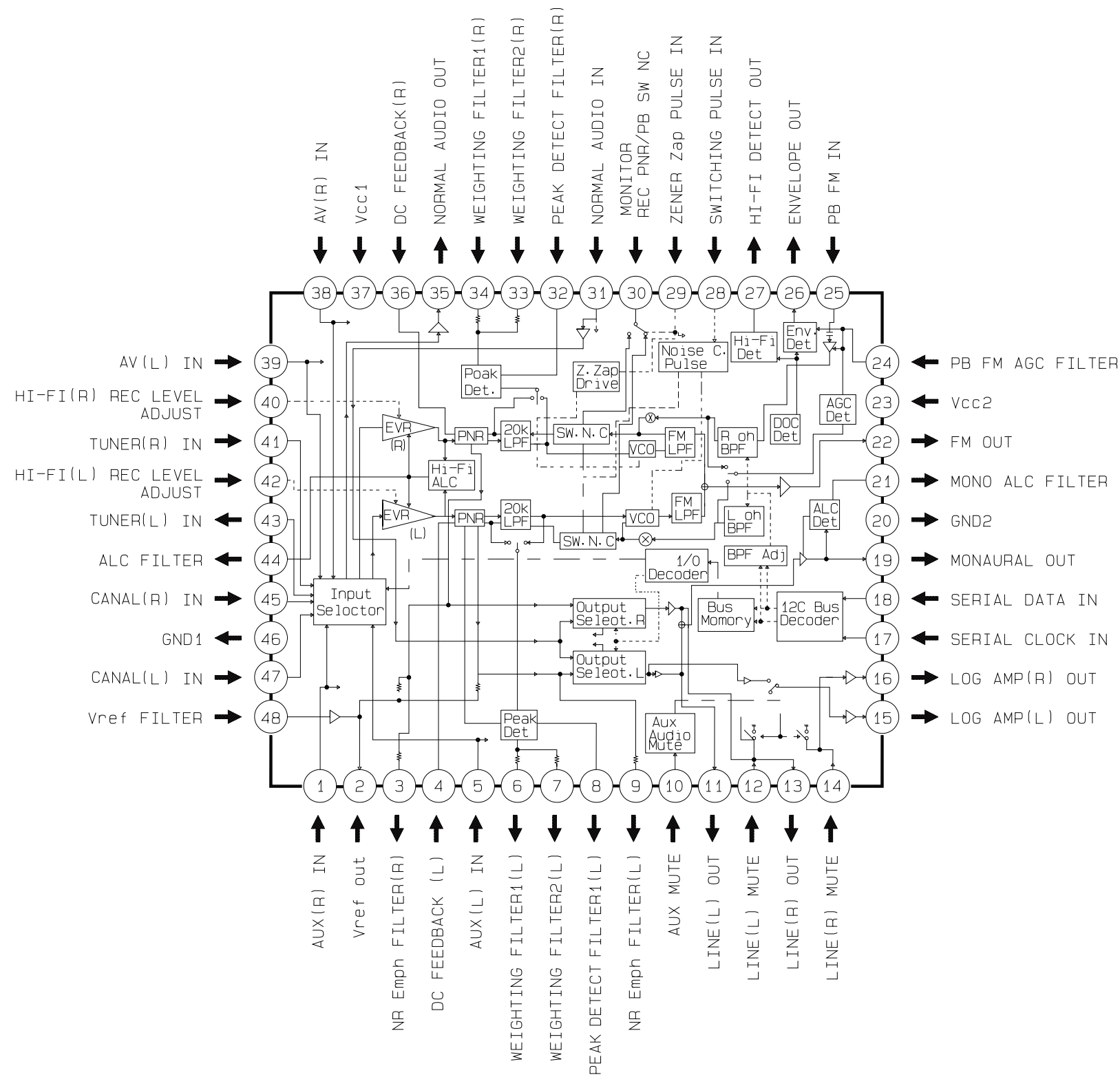




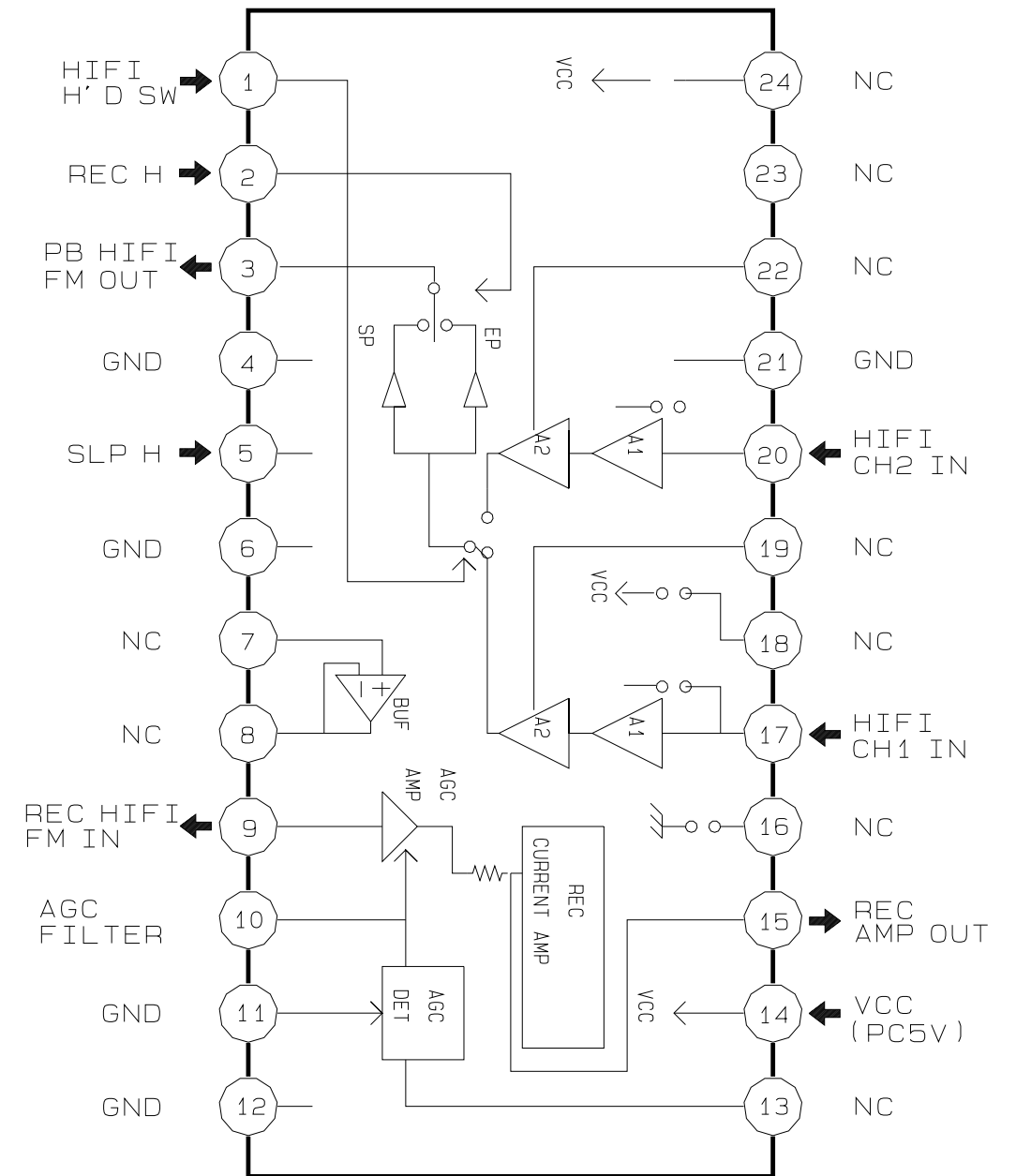
### 12-6 Hi-Fi Audio



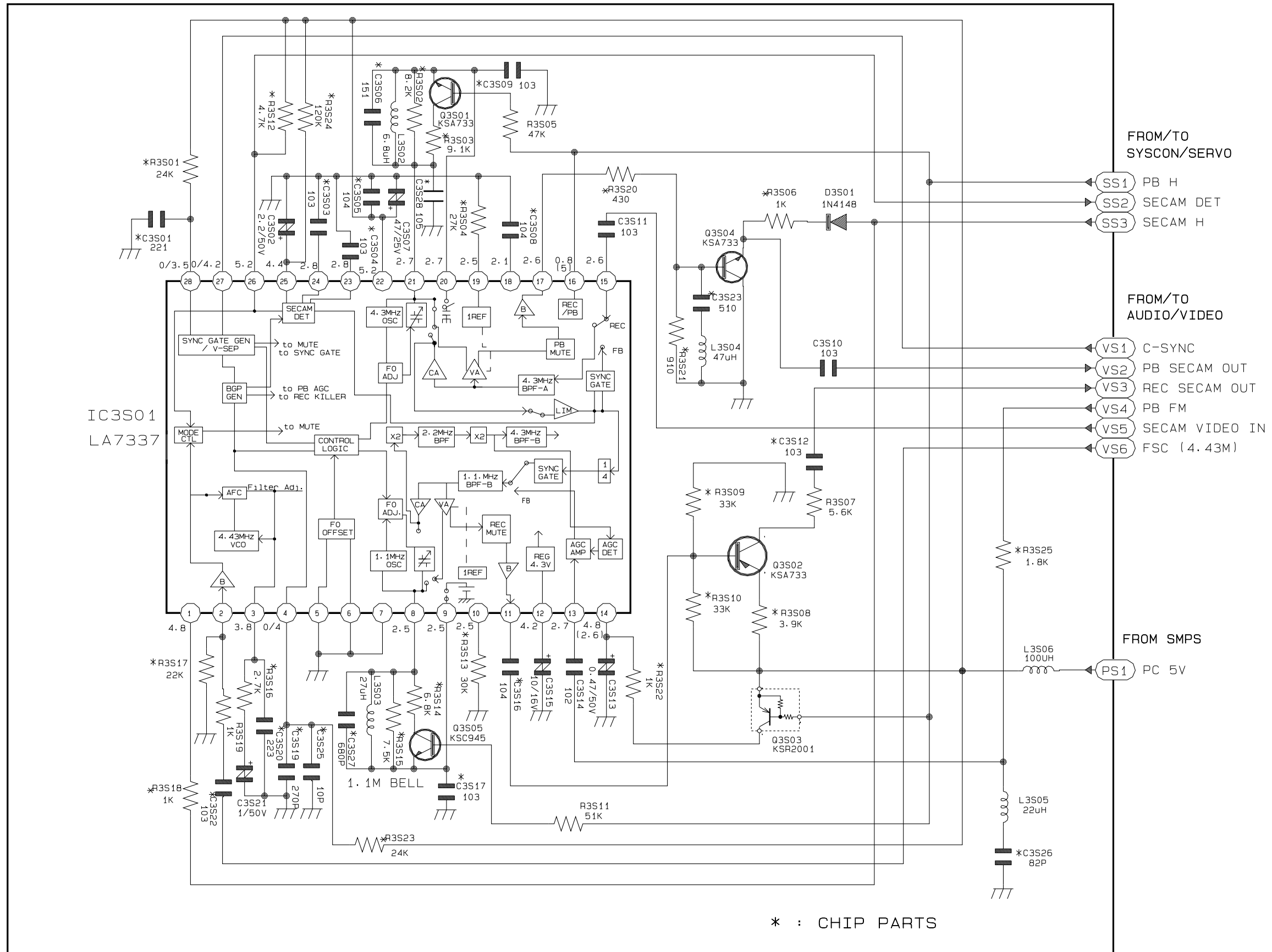
**IC501 TA1246F**



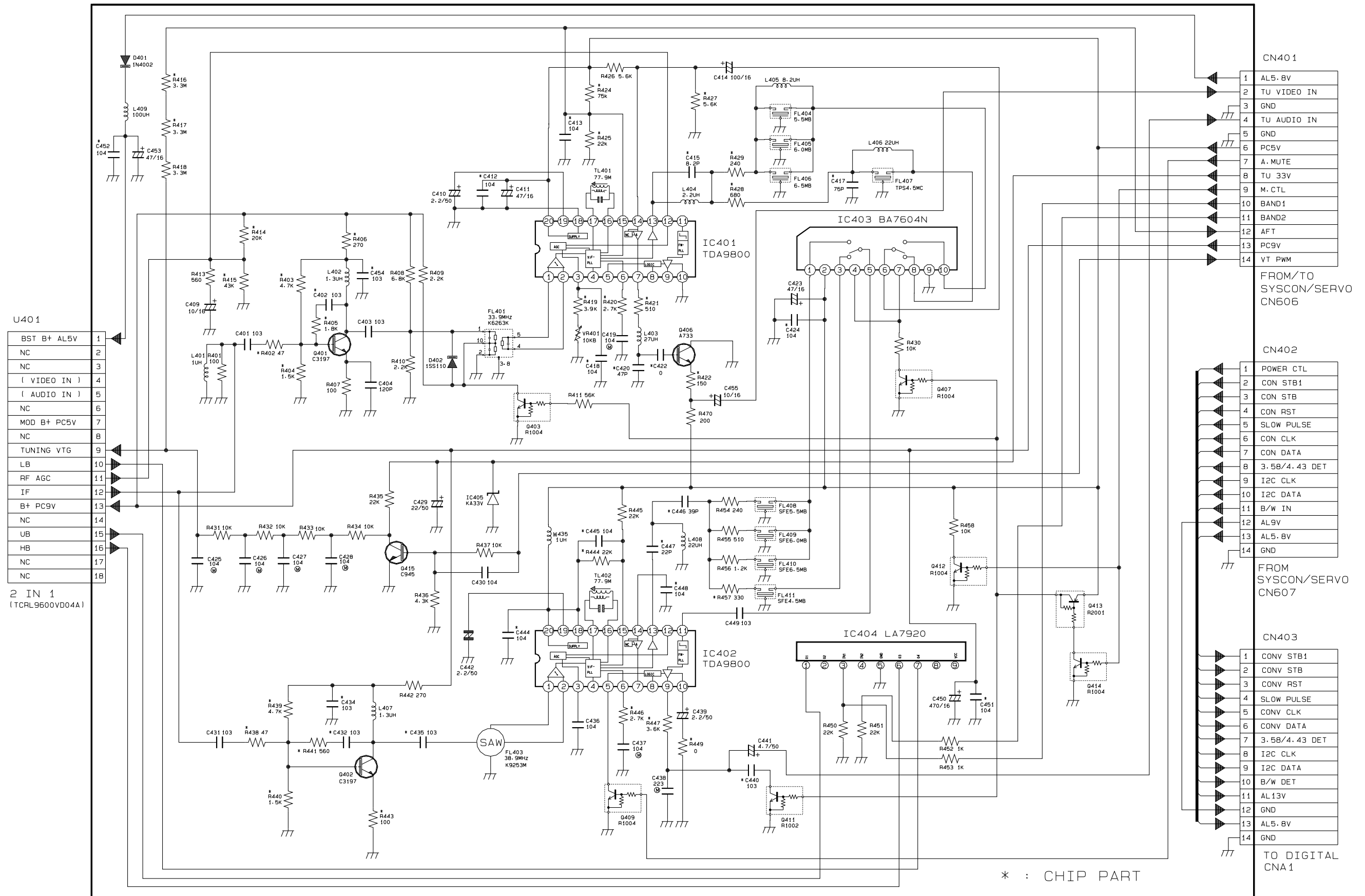
**IC502 LA7256**



### 12-7 SECAM



12-8 IF



U401

BST B+ AL5V	1
NC	2
NC	3
( VIDEO IN )	4
( AUDIO IN )	5
NC	6
MOD B+ PC5V	7
NC	8
TUNING VTG	9
LB	10
RF AGC	11
IF	12
B+ PC9V	13
NC	14
UB	15
HB	16
NC	17
NC	18

2 IN 1  
(TCRL9600VD04A)

CN401

1	AL5.8V
2	TU VIDEO IN
3	GND
4	TU AUDIO IN
5	GND
6	PC5V
7	A. MUTE
8	TU 33V
9	M. CTL
10	BAND1
11	BAND2
12	AFT
13	PC9V
14	VT PWM

FROM/TO  
SYSCON/SERVO  
CN606

CN402

1	POWER CTL
2	CON STB1
3	CON STB
4	CON RST
5	SLOW PULSE
6	CON CLK
7	CON DATA
8	3.5B/4.43 DET
9	I2C CLK
10	I2C DATA
11	B/W IN
12	AL9V
13	AL5.8V
14	GND

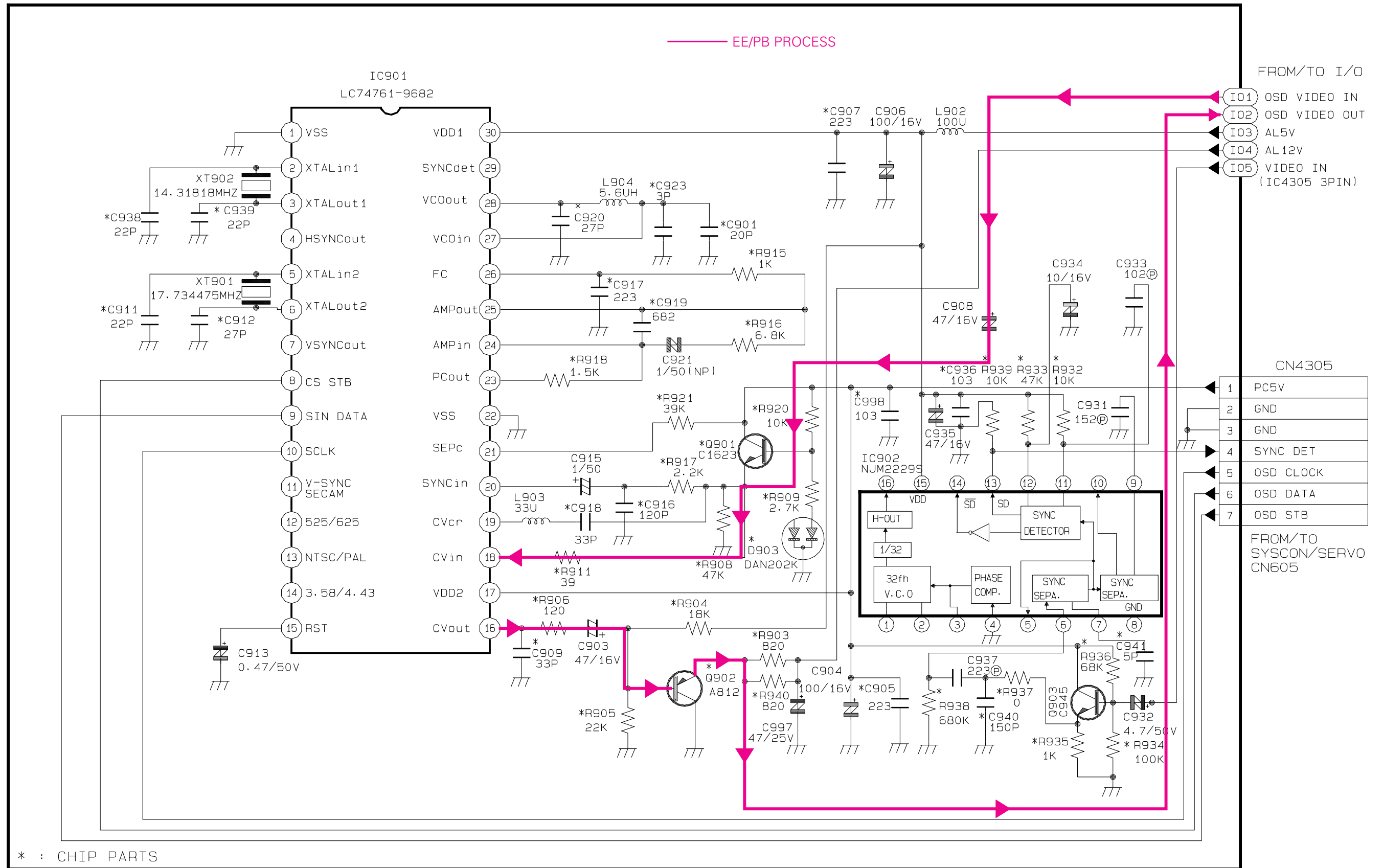
FROM  
SYSCON/SERVO  
CN607

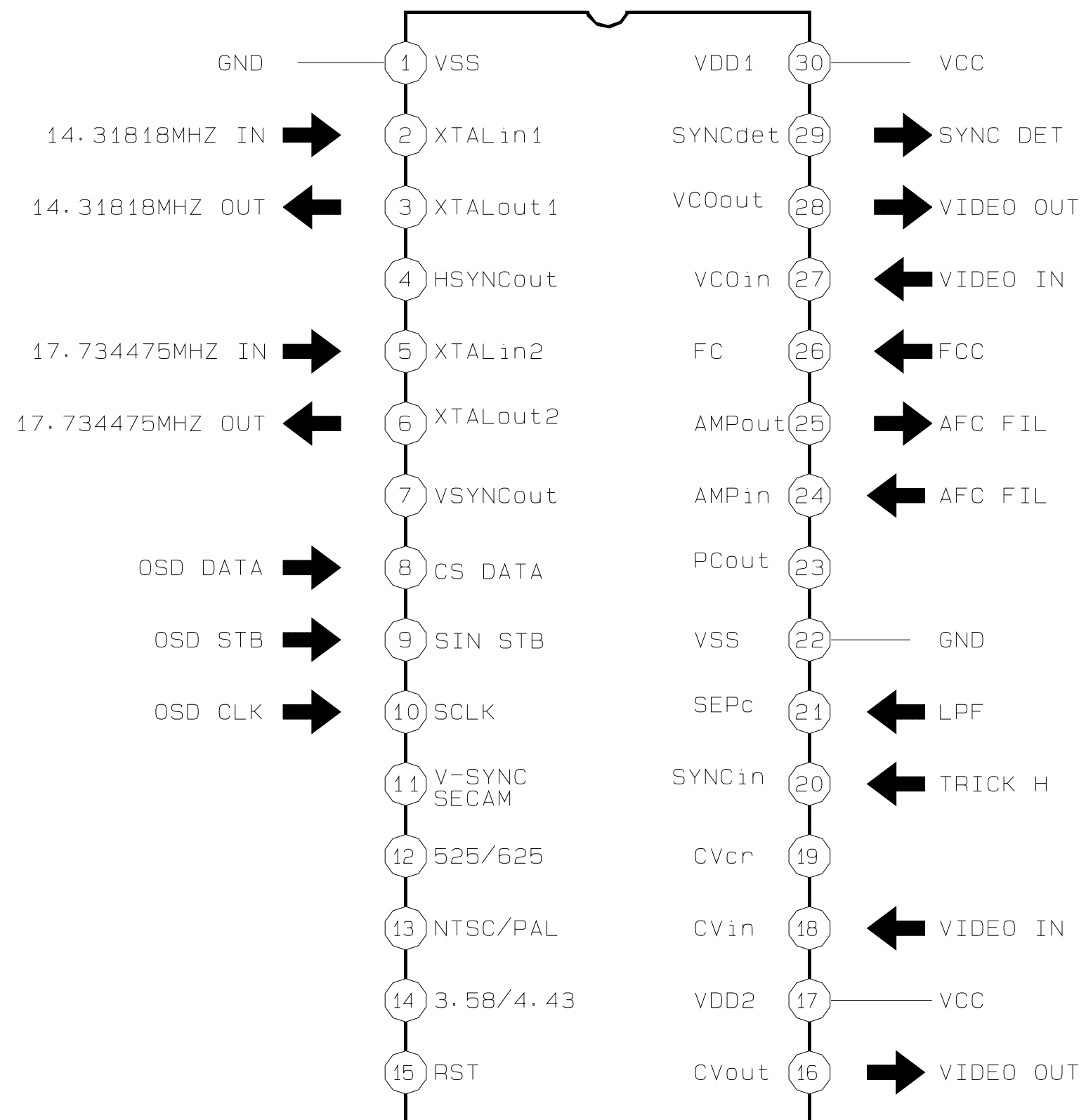
CN403

1	CONV STB1
2	CONV STB
3	CONV RST
4	SLOW PULSE
5	CONV CLK
6	CONV DATA
7	3.5B/4.43 DET
8	I2C CLK
9	I2C DATA
10	B/W DET
11	AL13V
12	GND
13	AL5.8V
14	GND

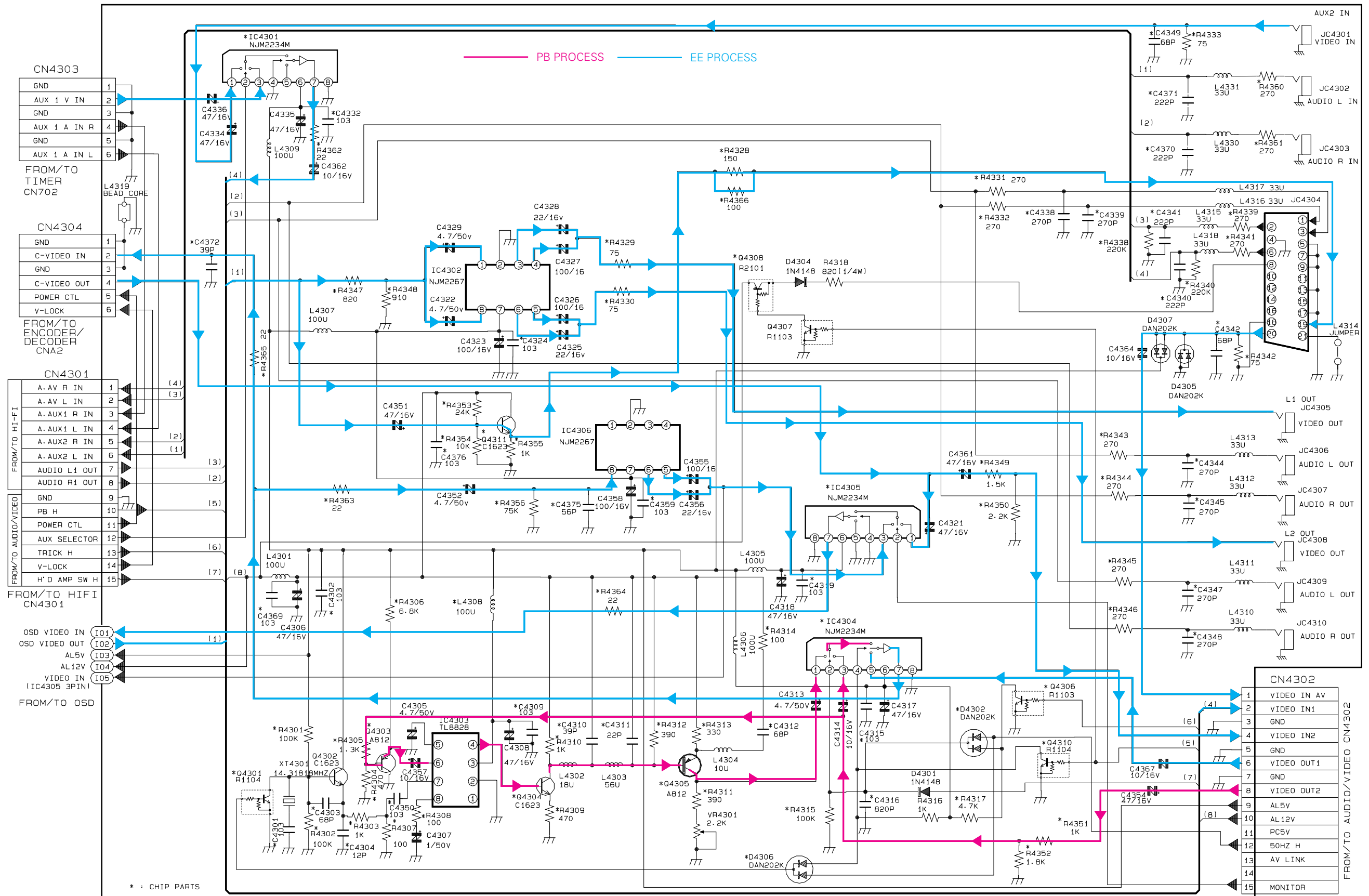
TO DIGITAL  
CNA1

12-9 OSD

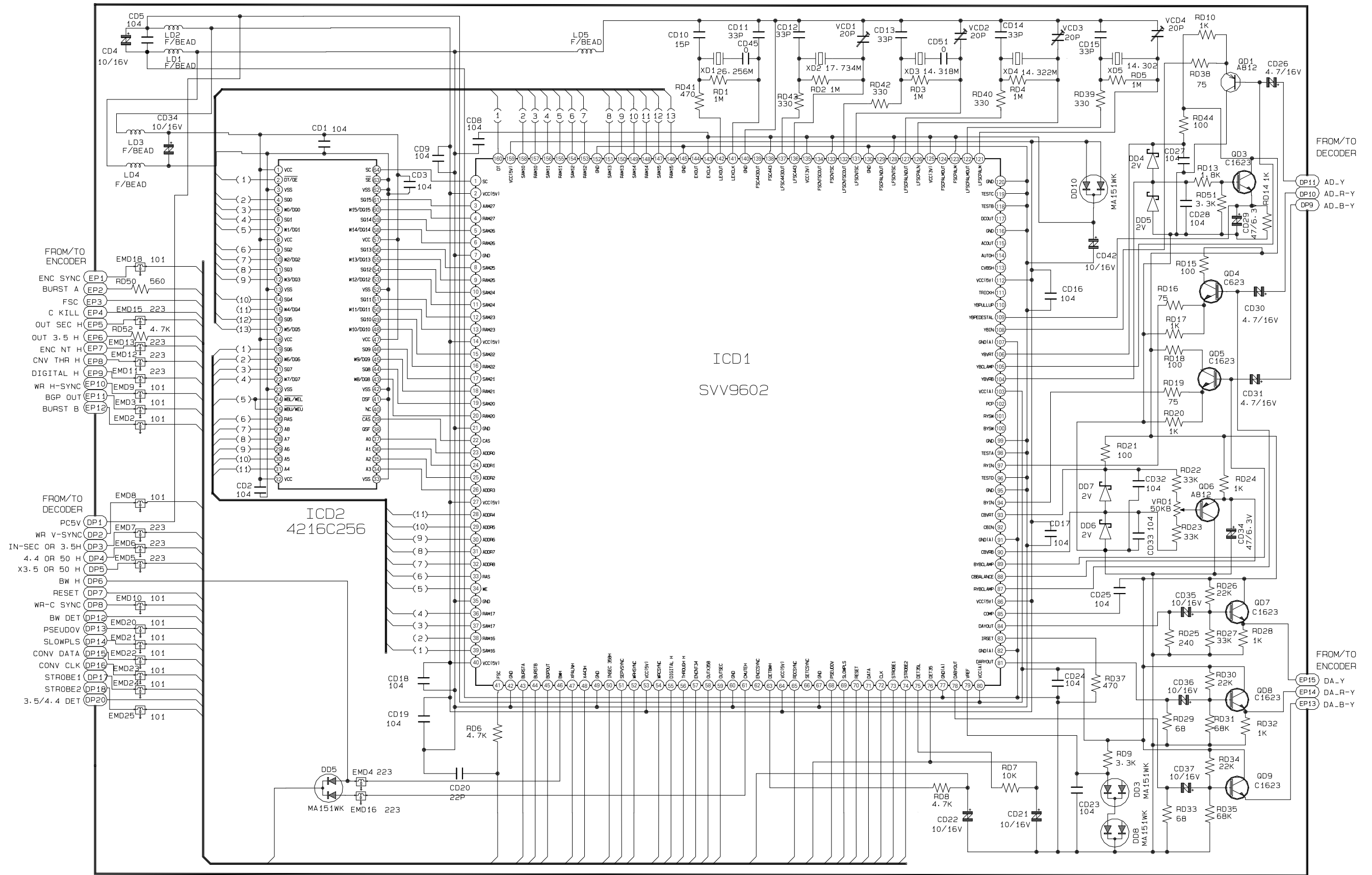


**IC901 LC74761-9682**

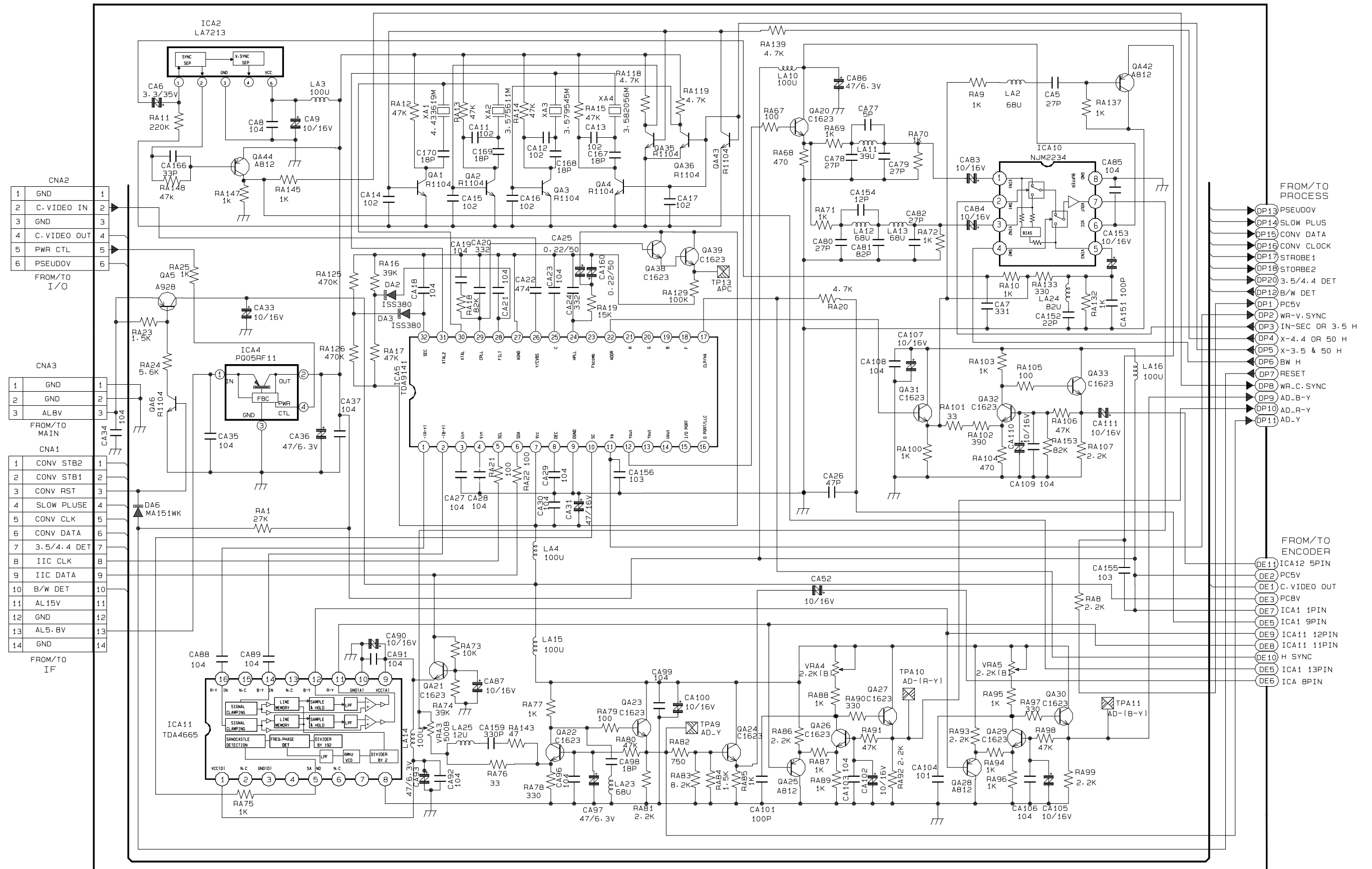
12-10 I/O



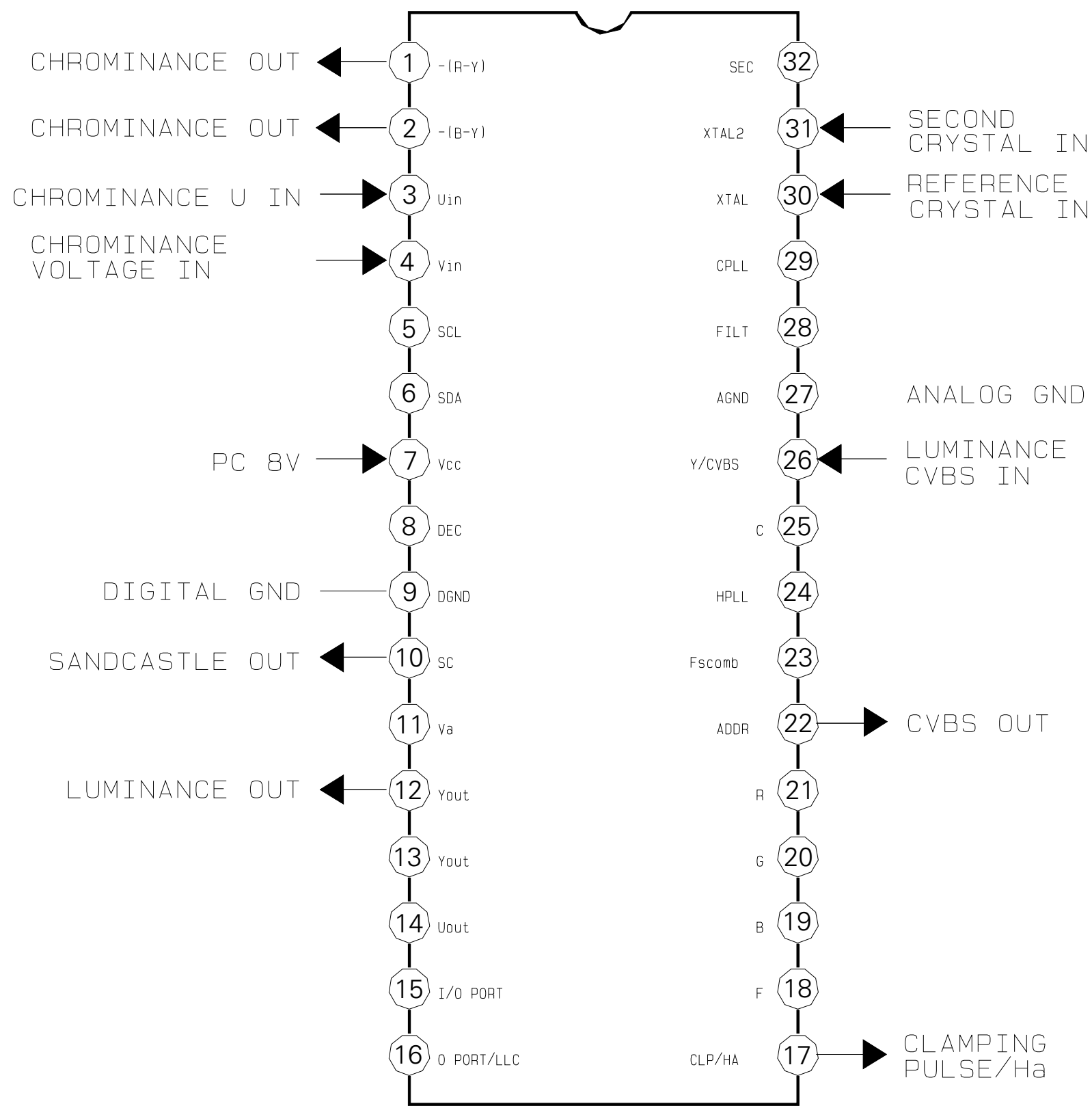
### 12-11 Process



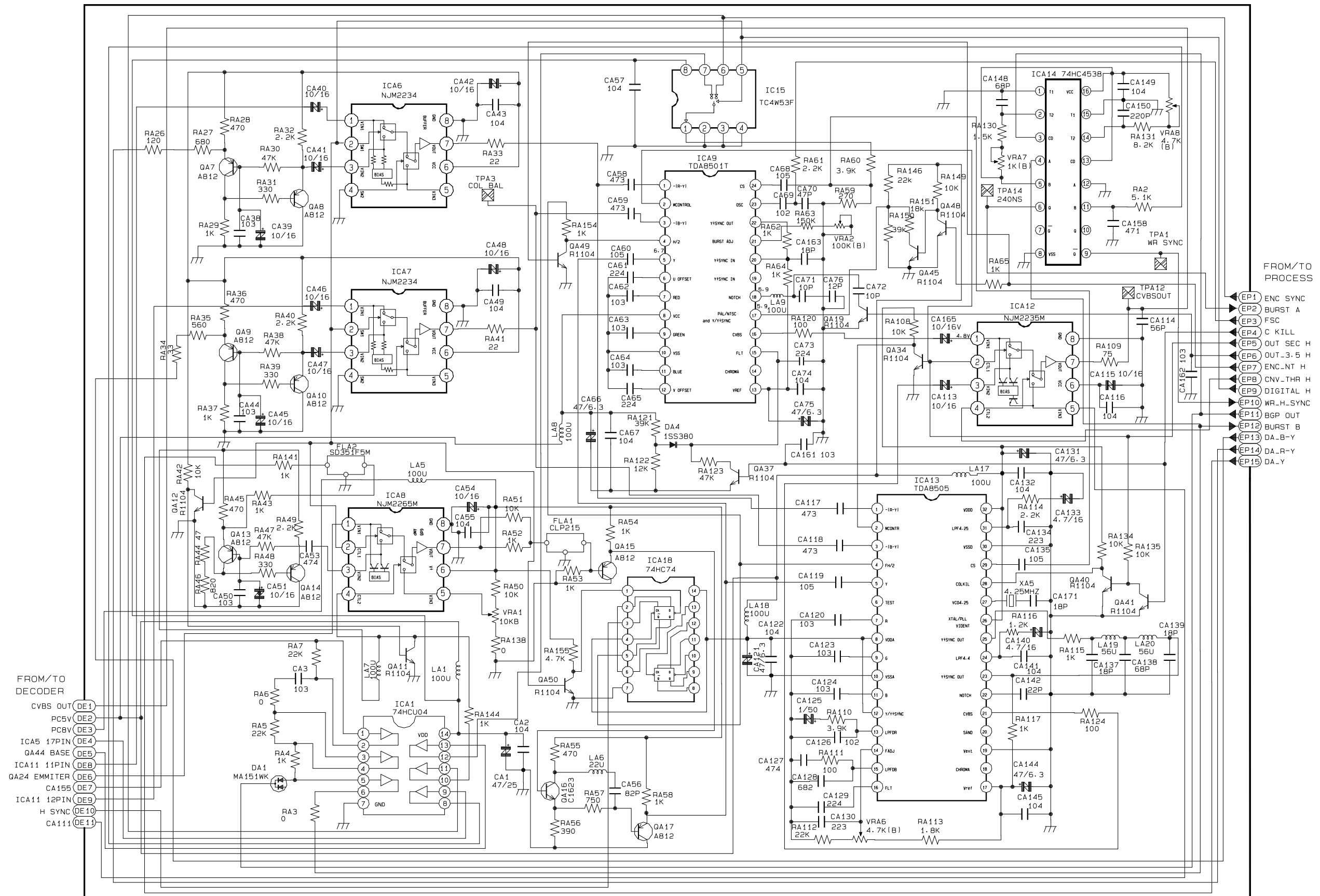
# 12-12 Decoder



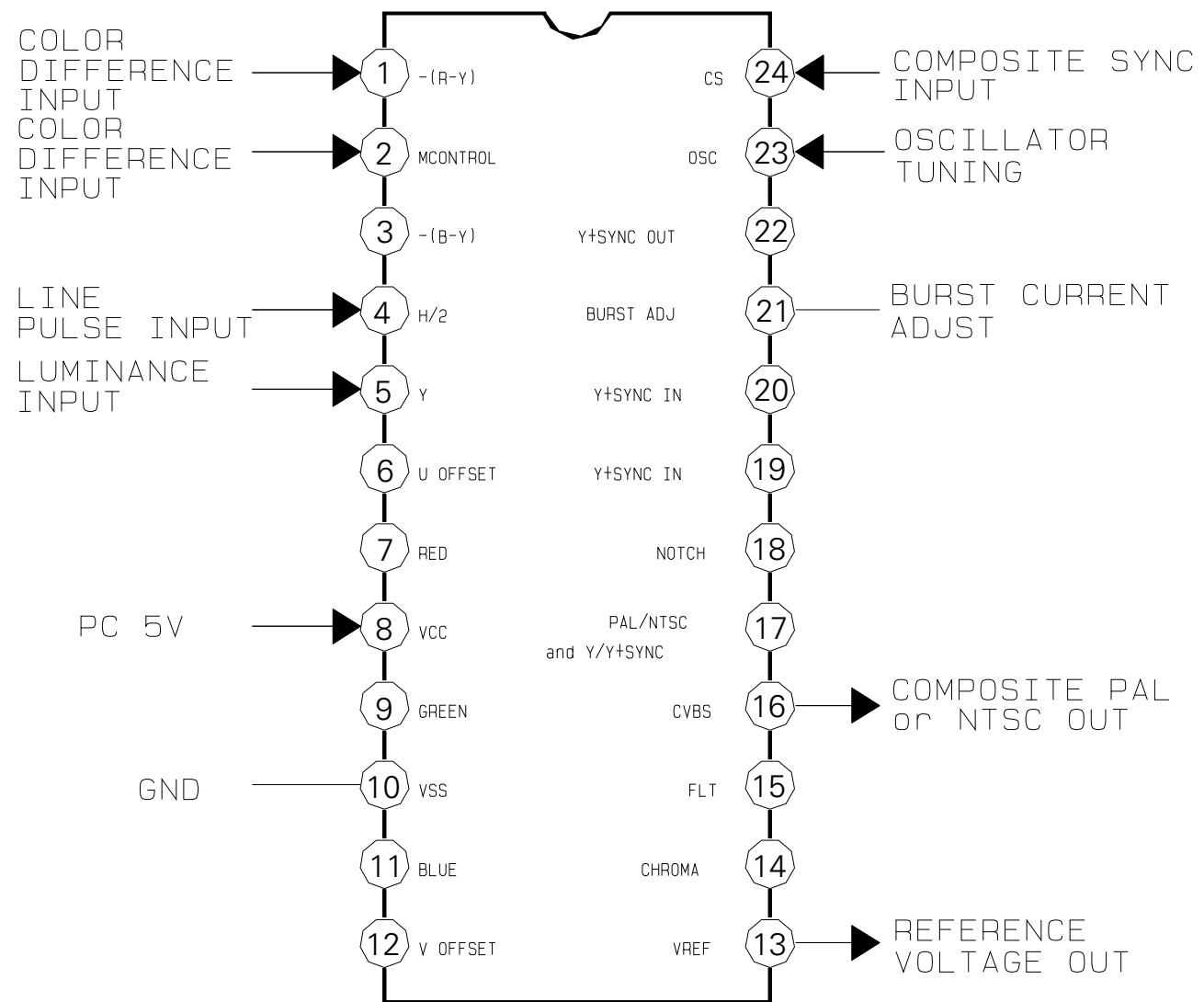
**ICA5 TDA9144**



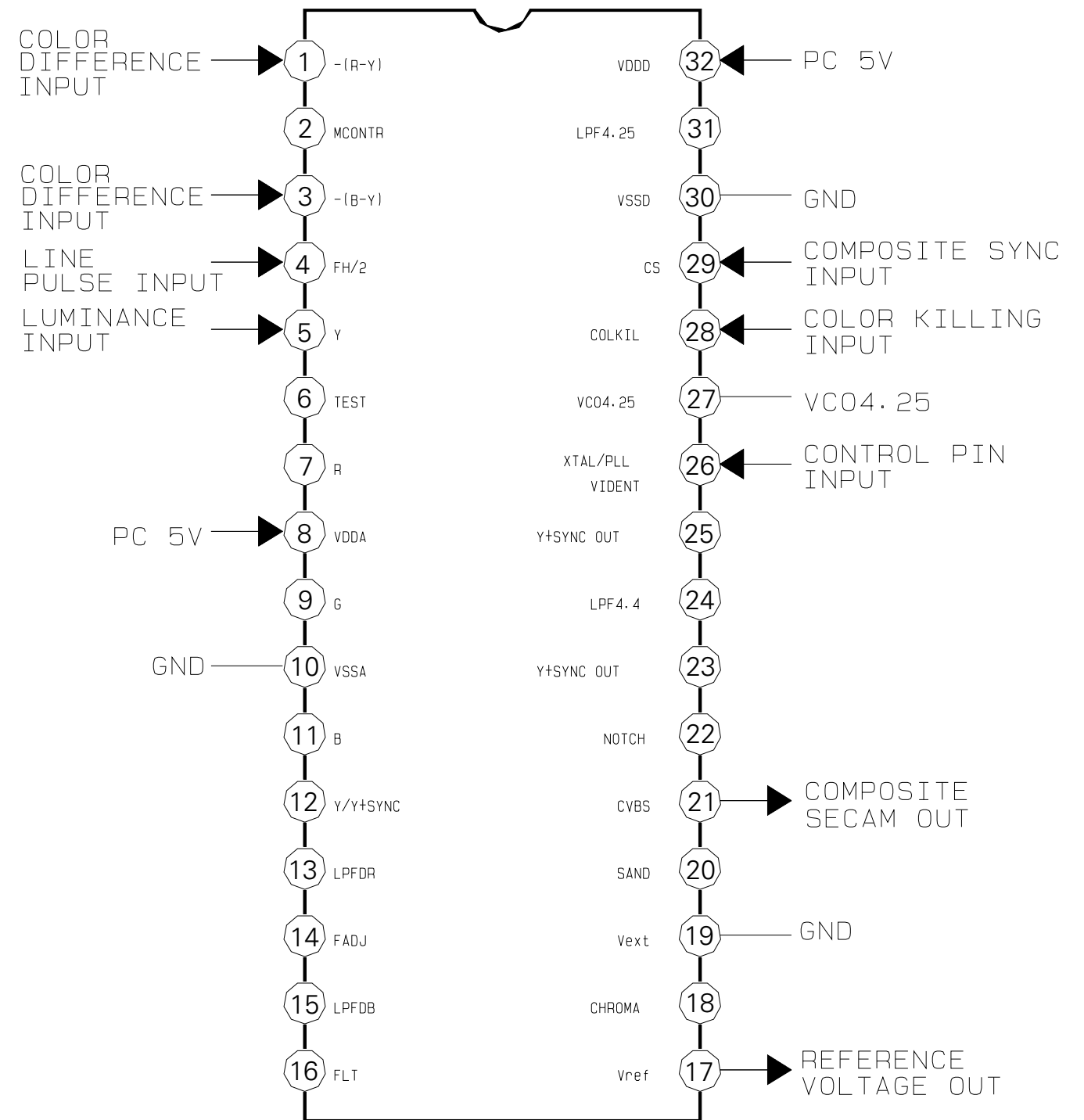
# 12-13 Encoder



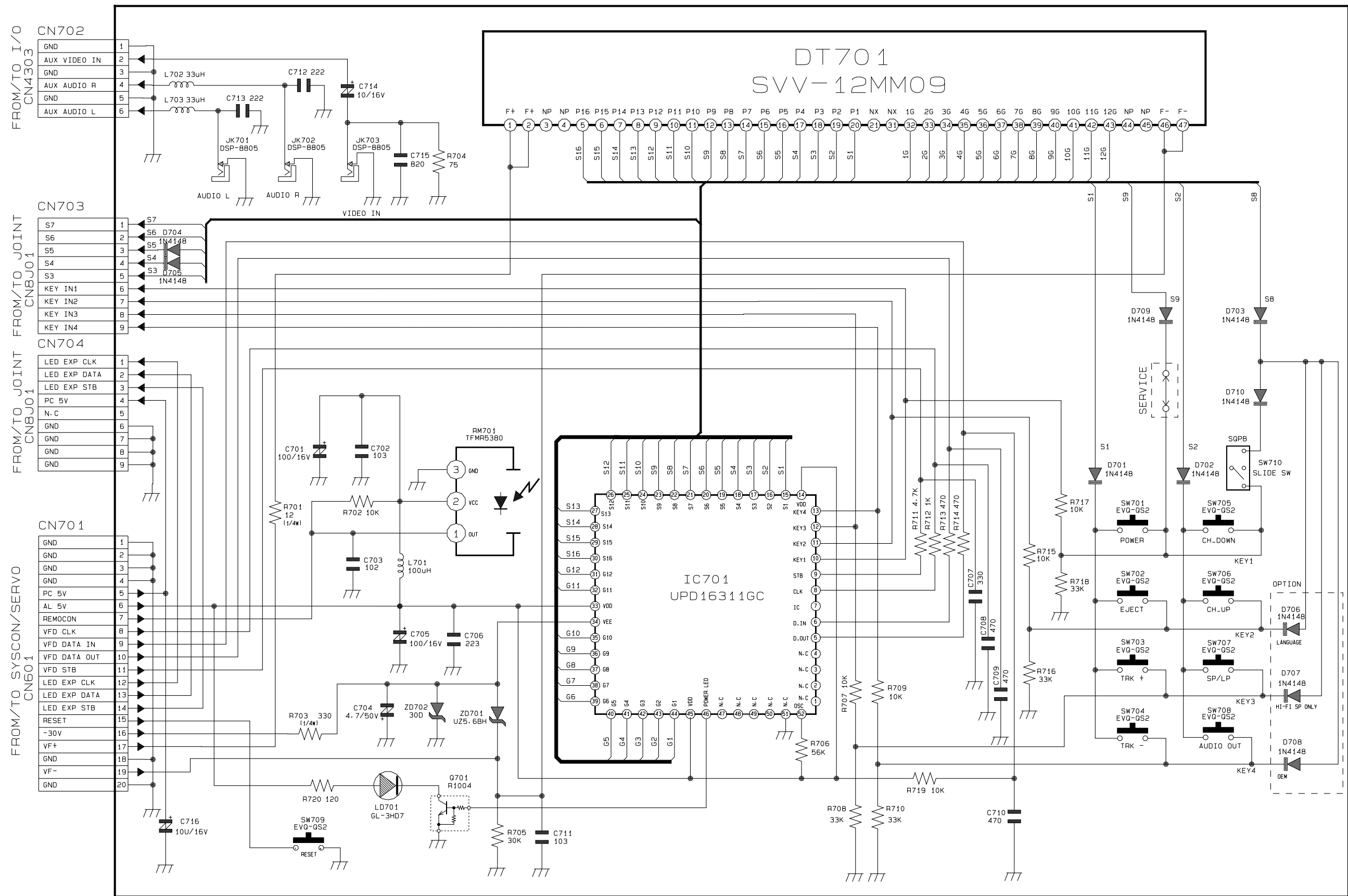
**ICA9 TDA8501T**



**ICA13 TDA8505**



### 12-14 Timer



12-15 Joint/Function

