

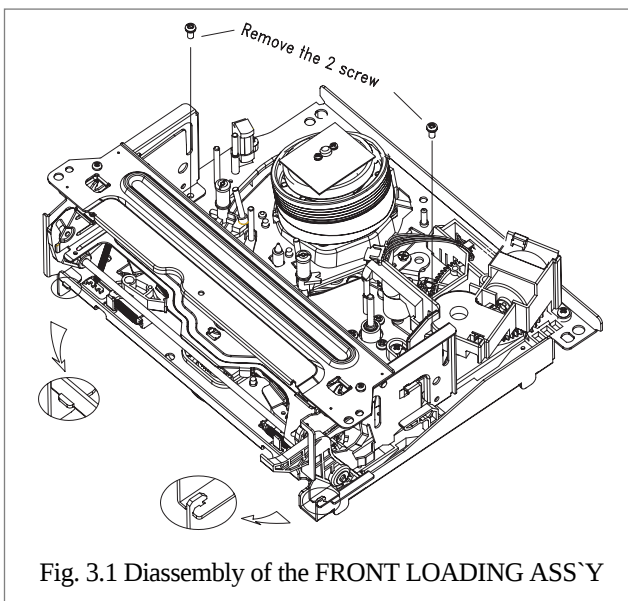
3. DISASSEMBLY AND REPLACEMENT

3.1 Removal of the FRONT LOADING Ass'y (Fig. 3.1)

NOTE:

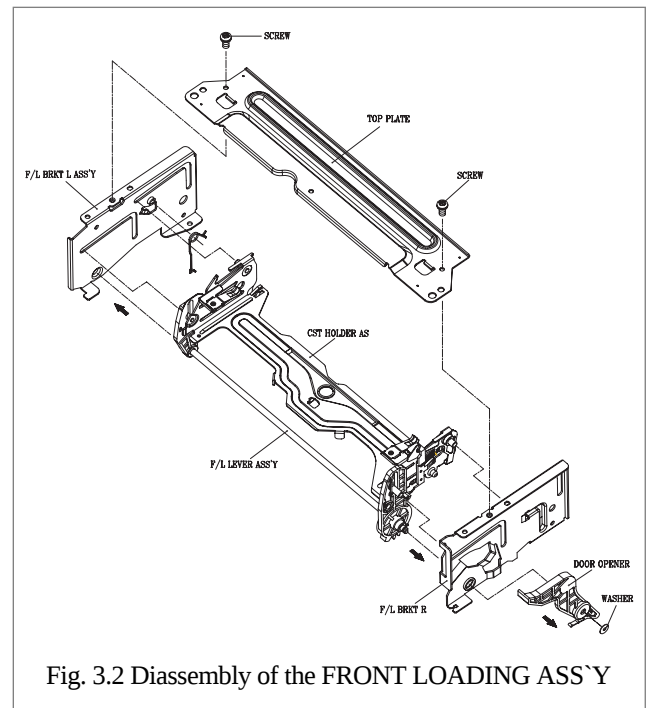
REMOVE THE FRONT LOADING ASS'Y IN EJECT MODE

- Unscrew the 2 screw holding the F/L.
- Separate the F/L ASS'Y from the MAIN BASE settling down point by lifting the rear part of F/L(Screw hole).



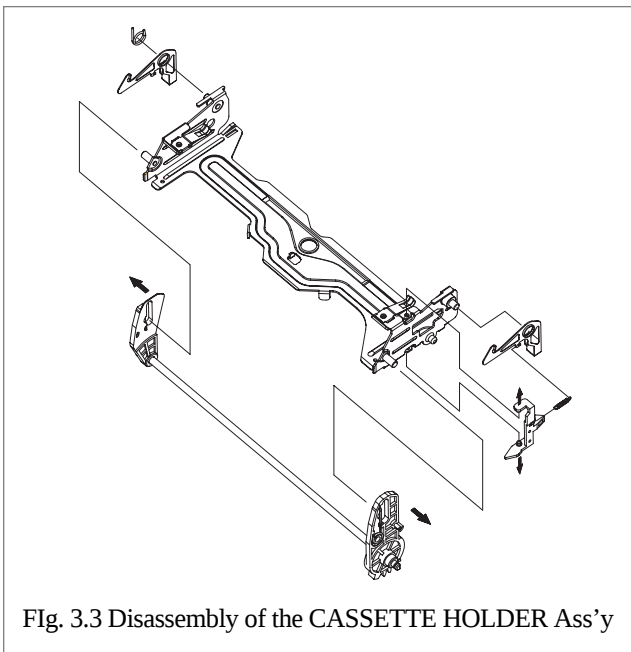
3.2 Disassembly of FRONT LOADING Ass'y (Fig. 3.2~3.5)

- Remove the one WASHER for holding the door opener and separate F/L Assembly by moving the DOOR OPENER in the direction of arrow.
- Remove the 2 screw holding the TOP PLATE and separate the CASSETT HOLDER ASS'Y by moving the FL BRKT L and FL BRKT R in the direction of arrow (Fig. 3.2)



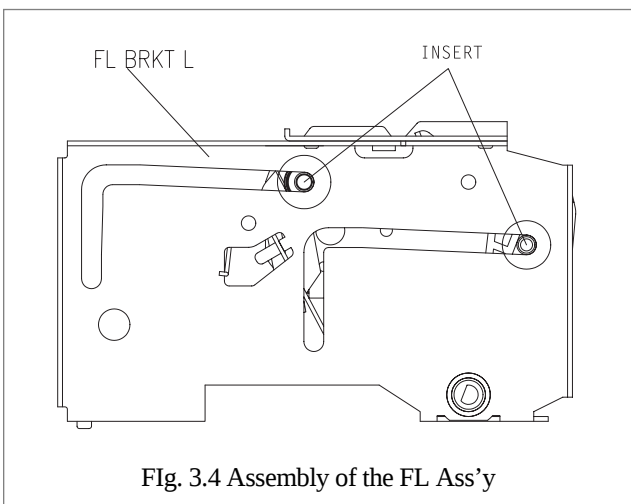
DISASSEMBLY AND REPLACEMENT (CONTINUED)

- c. Separate the LOADING LEVER ASS'Y by pressing the connection point from the CASSETTE HOLDER ASS'Y.(Fig. 3.3)
- d. Remove the SAFETY SPRING connecting the SAFETY LEVER and CASSETTE HOLDER PLATE.(Fig. 3.3)



CAUTION:

Assemble the FRONT LOADING ASS'Y in the reverse step of disassembly. Confirm that two bosses on the left side of the CASSETTE HOLDER ASS'Y are inserted in the groove on the left side of the top plate. Insert two bosses on the right side of the CASSETTE HOLDER ASS'Y into the groove of the F/L BRACKET R.(Fig. 3.4)



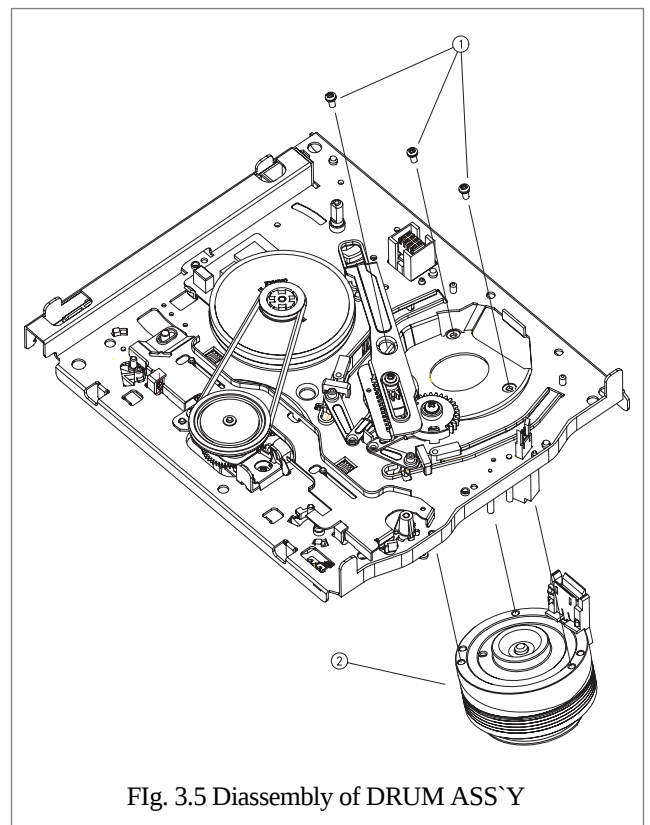
- e. Remove the RELEASE SPRING connecting the RELEASE LEVER and SAFETY LEVER.(Fig3.3)

3. 3 Disassembly of DRUM Ass'y (Fig. 3.5)

- a. Turn over the DECK MECHANISM and holding the DRUM TOTAL ASS'Y ② with hands , remove the 3 screw holding the drum total assembly with main base.
- b. Separatet the DRUM TOTAL ASS'Y from the deck paying attention there is no damage on the surface of VIDEO HEAD and DRUM.
- c. Assembly step is the reverse way of diassembly.

CAUTION:

- After the assembly of the DRUM TOTAL ASS'Y, check out if DECK mecahnism operate smoothly and adjustment of tape transmission section is OK.



DISASSEMBLY AND REPLACEMENT (CONTINUED)

3. 4. Disassembly of LOADING RACK, LOADING ASS'Y, S/T SLANT POLE ASS'Y (Fig. 3.6, 3.7)

- Turn out the DECK MECHANISM and remove the LOADING RACK ② after unscrewing the SCREW ①.
- Disintegrate the R LOADING AS ③ and L LOADING AS ④.
- Disintegrate the S SLANT POLE AS ⑤ and T SLANT POLE AS ⑥ by moving those part in arrow direction.

CAUTION:

- Take care GUIDE ROLLER of S/T SLANT POLE AS and SLANT POLE not to be stained with grease during assembly.
- Refer to Fig. 3.7 in assembly.

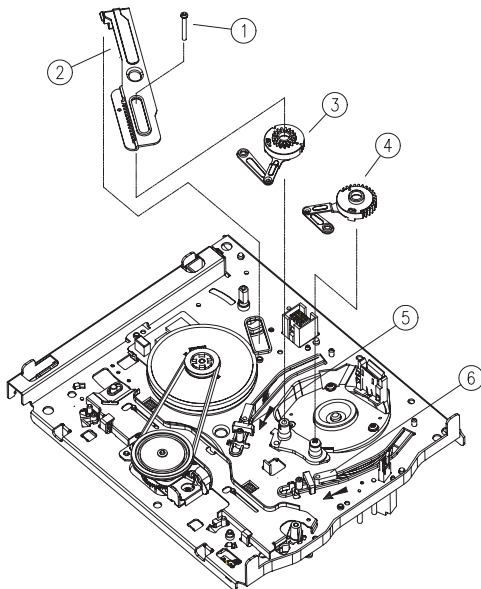


Fig. 3.6 Disassembly of the LOADING RACK, LOADING ASS'Y and the SLANT POLE ASS'Y

3. 5. Disassembly of the A/C HEAD ASS'Y (Fig. 3.8)

- Remove the CONNECTOR ② from the AC HEAD ASS'Y, Watch out that there is no damage in the HEAD connecting PIN.
- Separate the AC HEAD ASS'Y ① after unscrewing the screw ③

CAUTION:

- After the assembly, adjust the tape transmission section by referring to the chapter 5.
- After the adjustment of the tape transmission section, paint the 3 adjustment screw with locking paint.

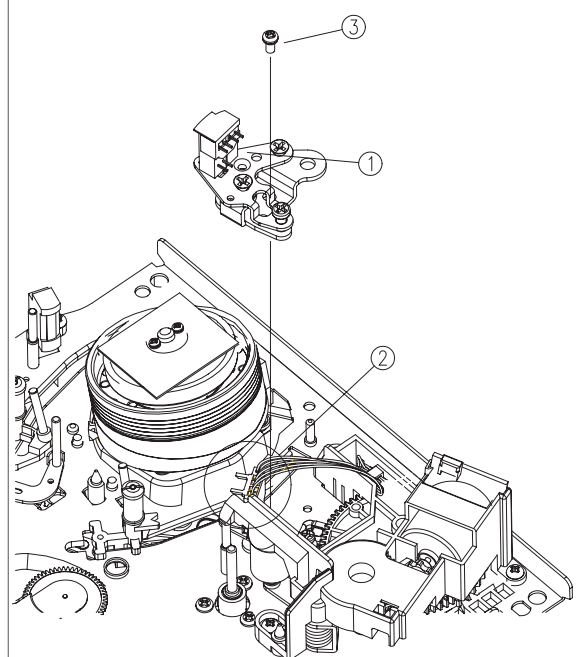


Fig. 3.8 Disassembly of the AC HEAD ASS'Y

Confirm the Alignment before
the assembly of RACK LOADING

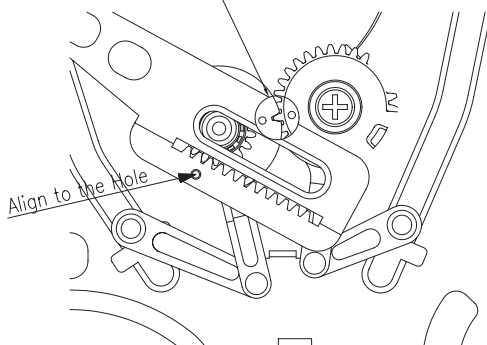


Fig. 3.7 Assembly of the L/R LOADING AS and the LOADING RACK

DISASSEMBLY AND REPLACEMENT (CONTINUED)

3. 6. Disassembly of the LC BRKT ASS'Y, PINCH LEVER TOTAL ASS'Y (Fig. 3.9)

- Separate the LC BRKT Ass'y ② after removing the 3 screws ①.
- Separate the LC BRKT Ass'y ② from the DECK MECHANISM.
- Disintegrate the PINCH LEVER TOTAL Ass'y ③.

CAUTION:

- After the assembly of the PINCH LEVER TOTAL Ass'y, adjust the tape transmission section by referring to the chapter 5.
- There should be no pollution on the surface of PINCH ROLLER ④ with grease or other foreign material.
- Make sure if the end of the PINCH SPRINGPINCH "A" is located at the end of trajectory of CAM GEAR "B" in assembly (Refer to Fig. 4.3)

3. 7. Disassembly of the CAM GEAR, RELAY LEVER, FL RACK (Fig. 3.9)

- Separate the CAM GEAR ⑤ from the MAINBASE.
- Separate the RELAY LEVER ⑥ from the MAINBASE.
- Separate the FL RACK ⑦ from MAINBASE by moving to the arrow direction.

CAUTION:

- When reassembling, refer to Fig. 3.10, Fig. 3.11 and chapter 4.

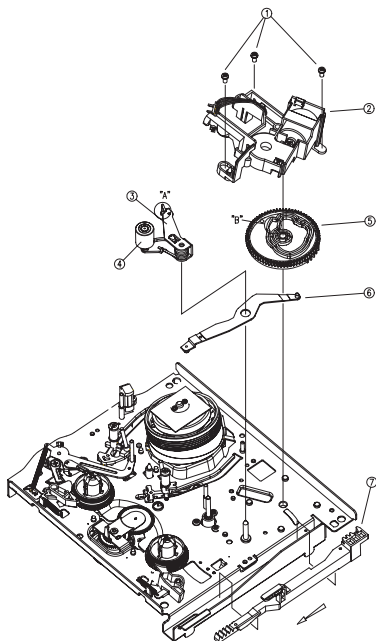


Fig. 3.9 Disassembly of the LC BRACKET ASS'Y from the PINCH LEVER TOTAL ASS'Y

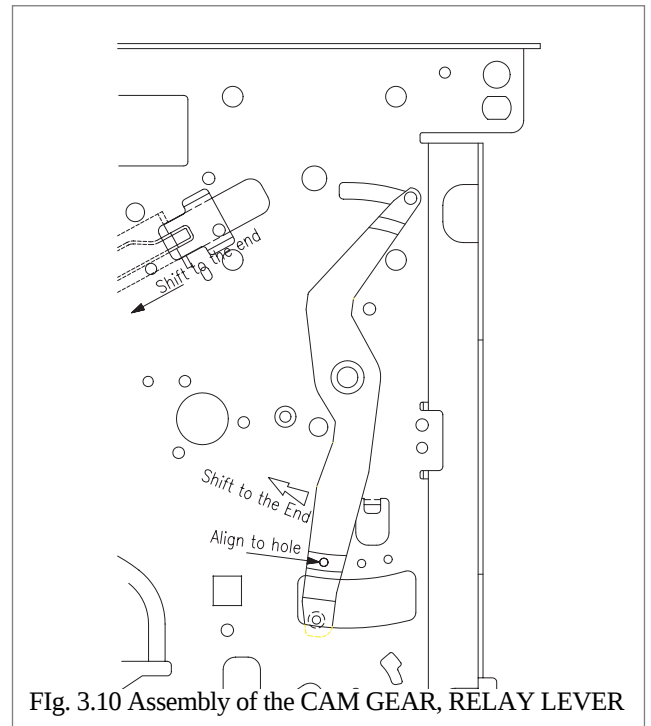


Fig. 3.10 Assembly of the CAM GEAR, RELAY LEVER

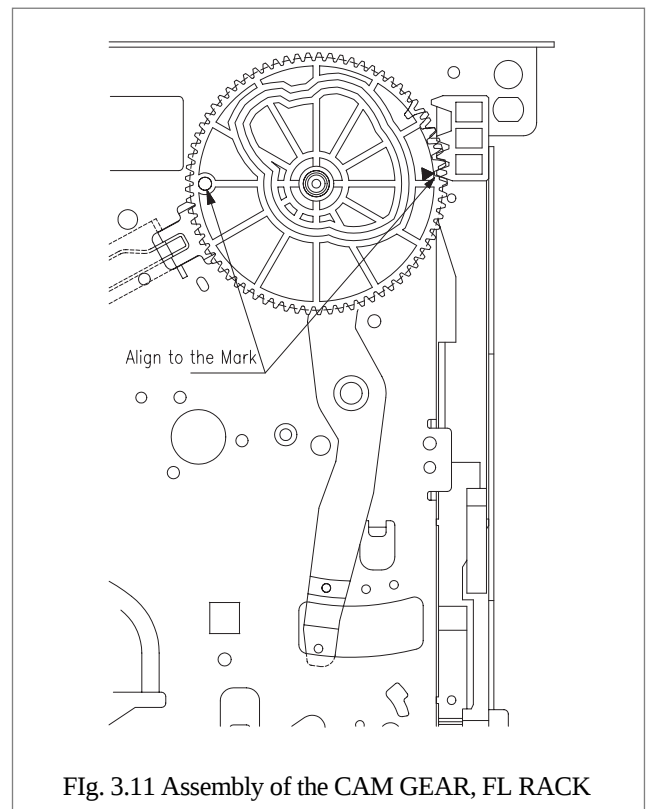


Fig. 3.11 Assembly of the CAM GEAR, FL RACK

DISASSEMBLY AND REPLACEMENT (CONTINUED)

3. 8 Disassembly of the S/T BRAKE ASS'Y (Fig. 3.12)

- Unhook the S BRAKE SPRING ③ from the MAIN-BASE HOOK ①.
- Remove the S BRAKE Ass'y ② from the mainbase.
- Remove the T BRAKE SPRING ⑥ from the MAIN-BASE HOOK ④.
- Remove the T BRAKE Ass'y ⑤.

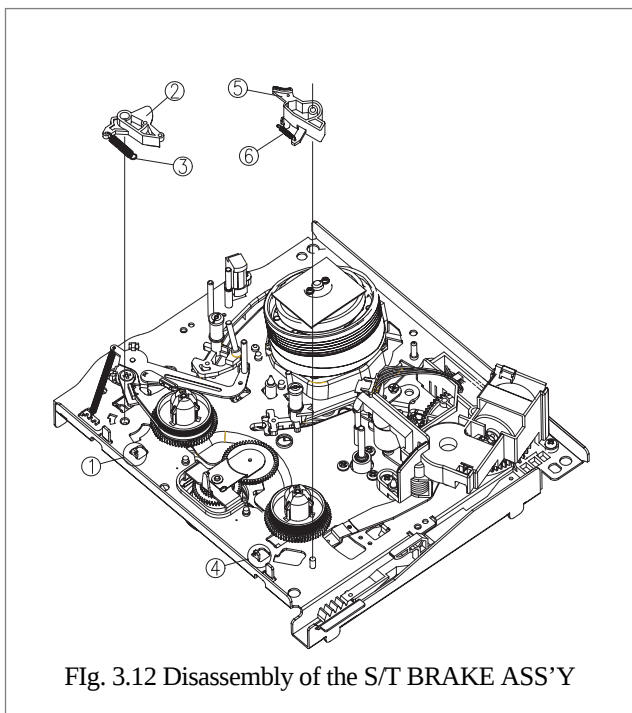


Fig. 3.12 Disassembly of the S/T BRAKE ASS'Y

3. 9 Disassembly of the TENSION BAND ASS'Y (Fig. 3.13)

- Unhook the TENSION SPRING ② from the MAIN-BASE HOOK ①.
- Unhook the MAINBASE HOOK "A" and remove the TENSION BAND Ass'y ③ from the mainbase.

CAUTION:

- After the assembly of TENSION BAND Ass'y on the mainbase, adjust the TENSION POLE location as shown in Fig. 3.14.
- Avoid getting Grease, Oil or Foreign substance on the FELT of the BAND BRAKE.
- Take care not to deform the MAINBASE HOOK "A" when separating the TENSION BAND Ass'y ③.

3. 10 Disassembly of the Capstan Motor (Fig. 3.13)

- Separate the CAPSTAN MOTOR ⑤ after the removal of 3 screws ④ holding the capstan motor.

3.11 Disassembly of the FE HEAD (Fig. 3.13)

- Remove the screw ⑥ and separate the FE HEAD ⑦ from the MAINBASE.

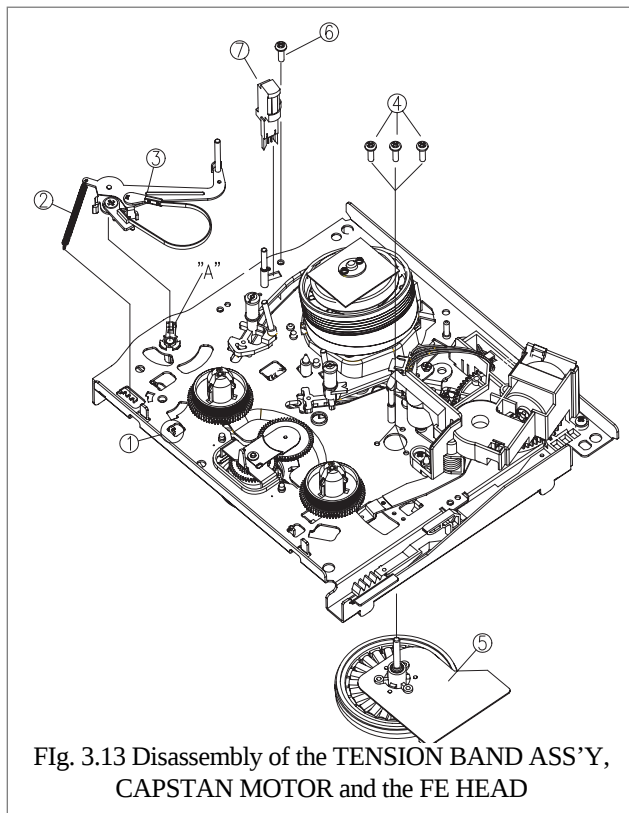


Fig. 3.13 Disassembly of the TENSION BAND ASS'Y, CAPSTAN MOTOR and the FE HEAD

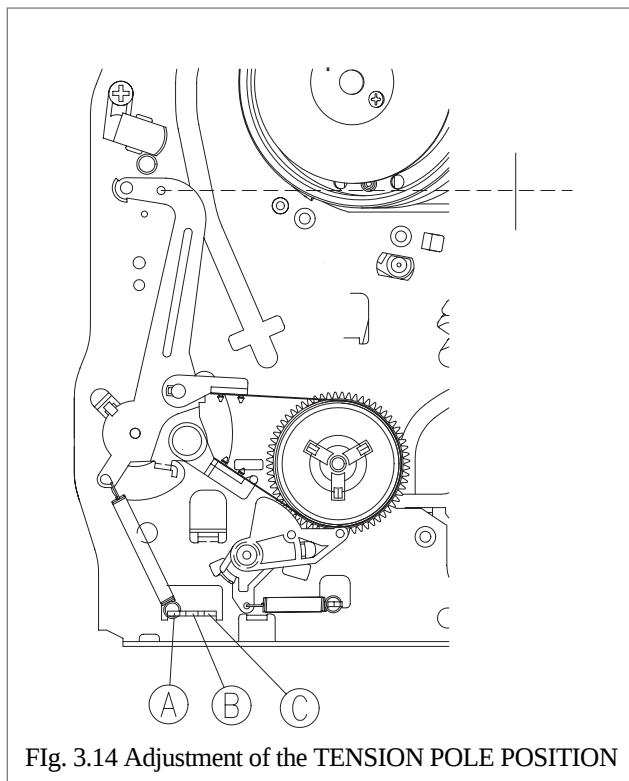


Fig. 3.14 Adjustment of the TENSION POLE POSITION

DISASSEMBLY AND REPLACEMENT (CONTINUED)

3.12 Disassembly of the REEL TABLE, IDLER PLATE TOTAL ASS'Y (Fig. 3.15)

- Remove the POLY WASHER ① and separate the IDLER PLATE TOTAL Ass'y ② from the mainbase.
- Remove the REEL TABLE ④ from the REEL TABLE POST ③ of the MAINBASE.

CAUTION:

- Take care not to deform the IDLER PLATE TOTAL Ass'y ② when assembling and disassembling.

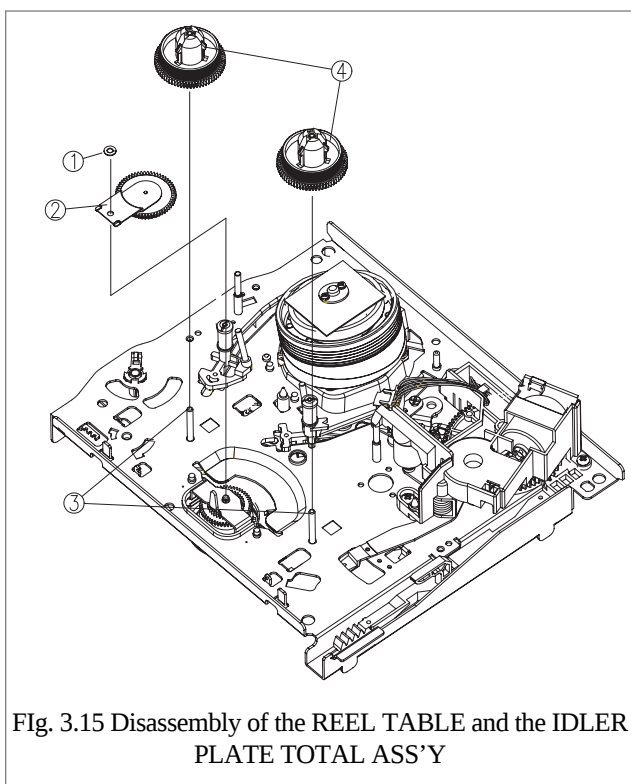


Fig. 3.15 Disassembly of the REEL TABLE and the IDLER PLATE TOTAL ASS'Y

3.13 Disassembly of the REEL BRKT TOTAL ASS'Y, CONNECT PLATE (Fig. 3.16)

- Turn over the DECK MECHANISM and remove 2 screws ①.
- Remove the REEL BRKT TOTAL Ass'y ② from the MAINBASE.
- Separate the CONNECT PLATE ③ from the MAINBASE by pushing to the direction of the arrow.

CAUTION:

- In disassembly of the REEL BRKT TOTAL ASS'Y, take care REEL BELT and REEL FELT not to be stained with GREASE, OIL, or foreign substance.
- Disassembly of the IDLER ASS'Y should be preceded by the disassembly of the REEL BRKT TOTAL ASSY.
- Check the operation of the REEL BRKT TOTAL ASSY before assembly.
- Check the operation of FF/REW, PLAY, CUE, and REVIEW work well and existence of noise during the mode operation..

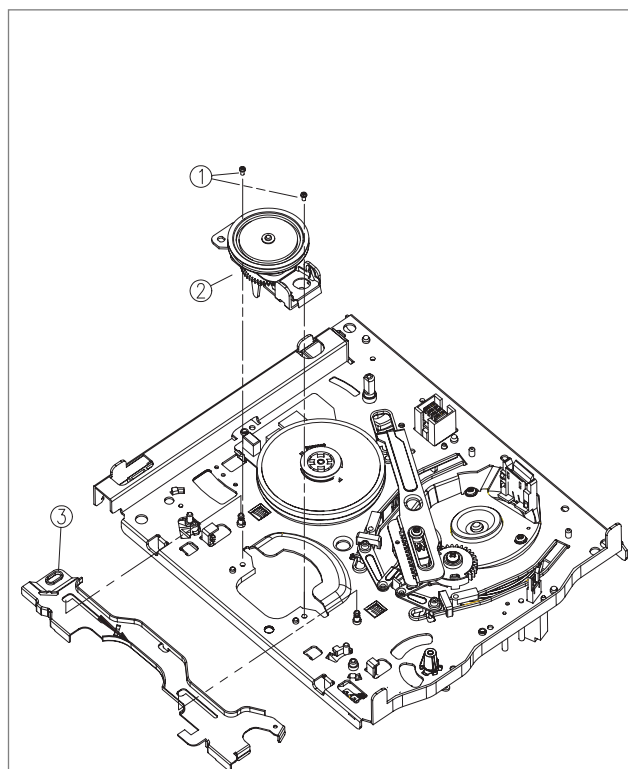
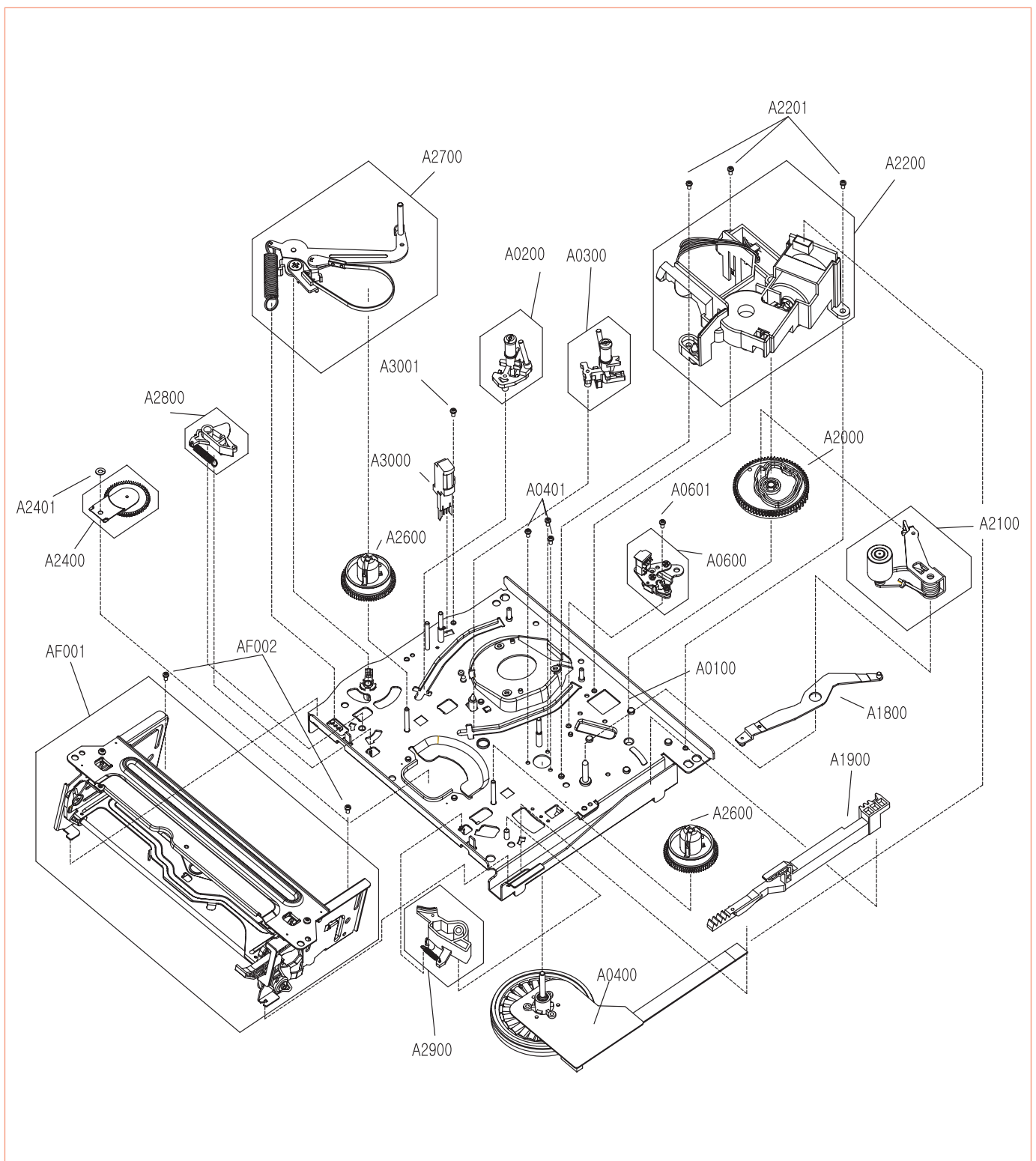


Fig. 3.16 Disassembly of the REEL BRKT TOTAL ASS'Y and the CONNECT PLATE

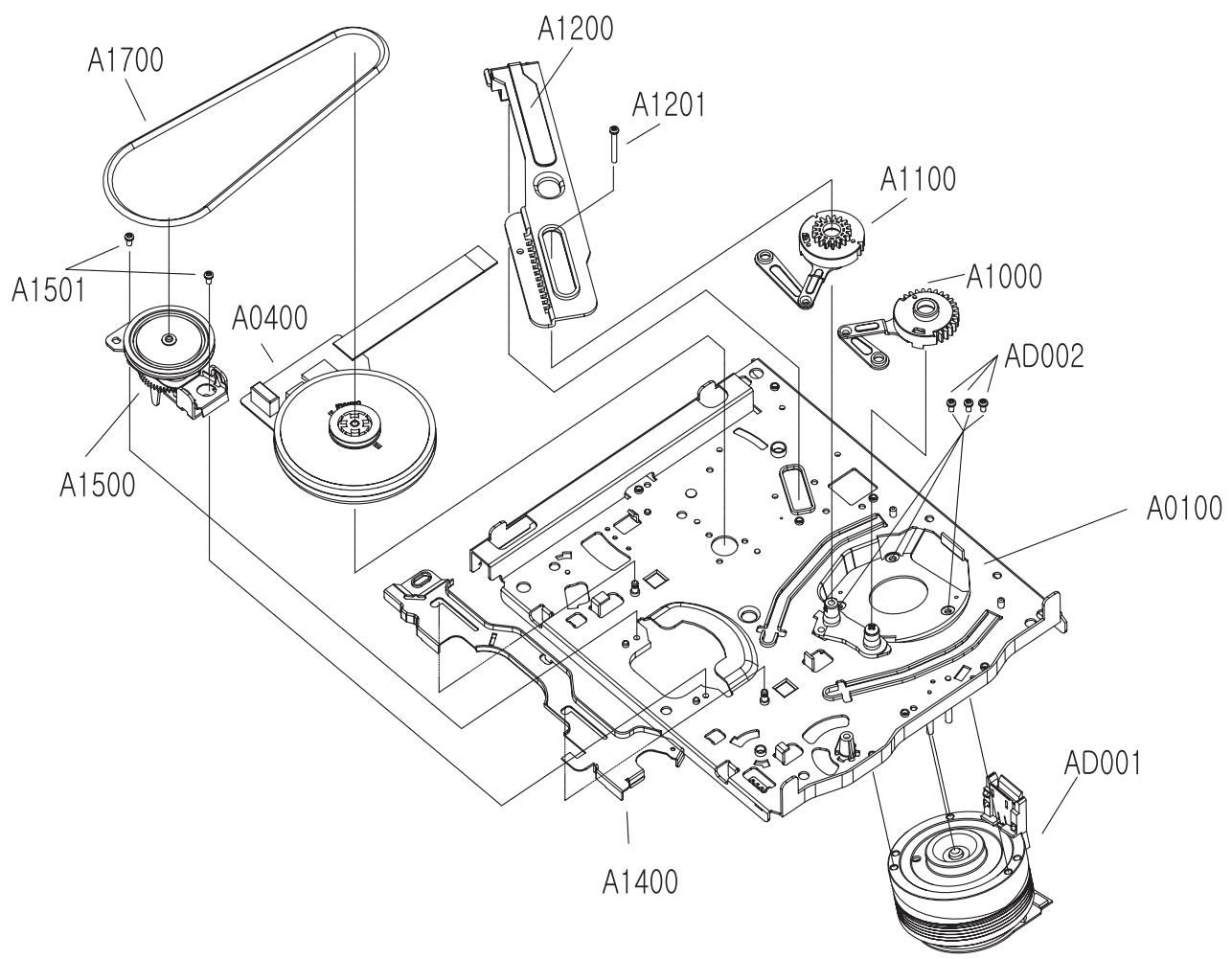
6. EXPLODED VIEW

6.1 Exploded view of DECK Ass'y (Top View)



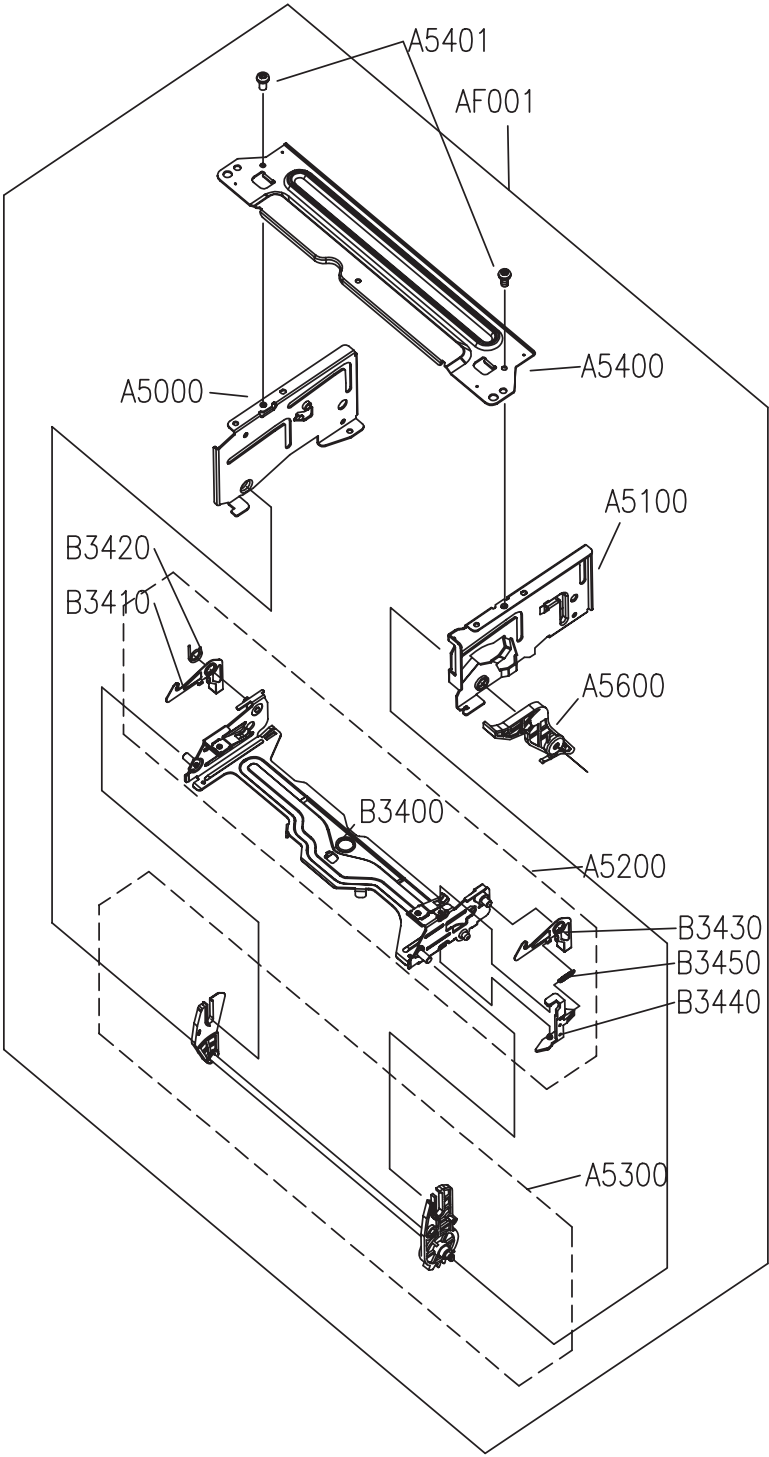
EXPLODED VIEW (CONTINUED)

6. 2 Exploded view of DECK Ass'y (Bottom View)

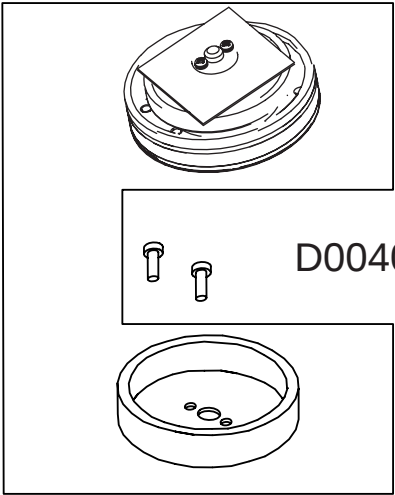


EXPLODED VIEW (CONTINUED)

6.3 Exploded view of FL Ass'y



D0040



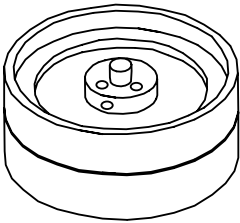
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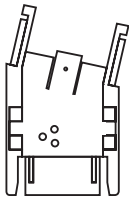
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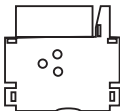
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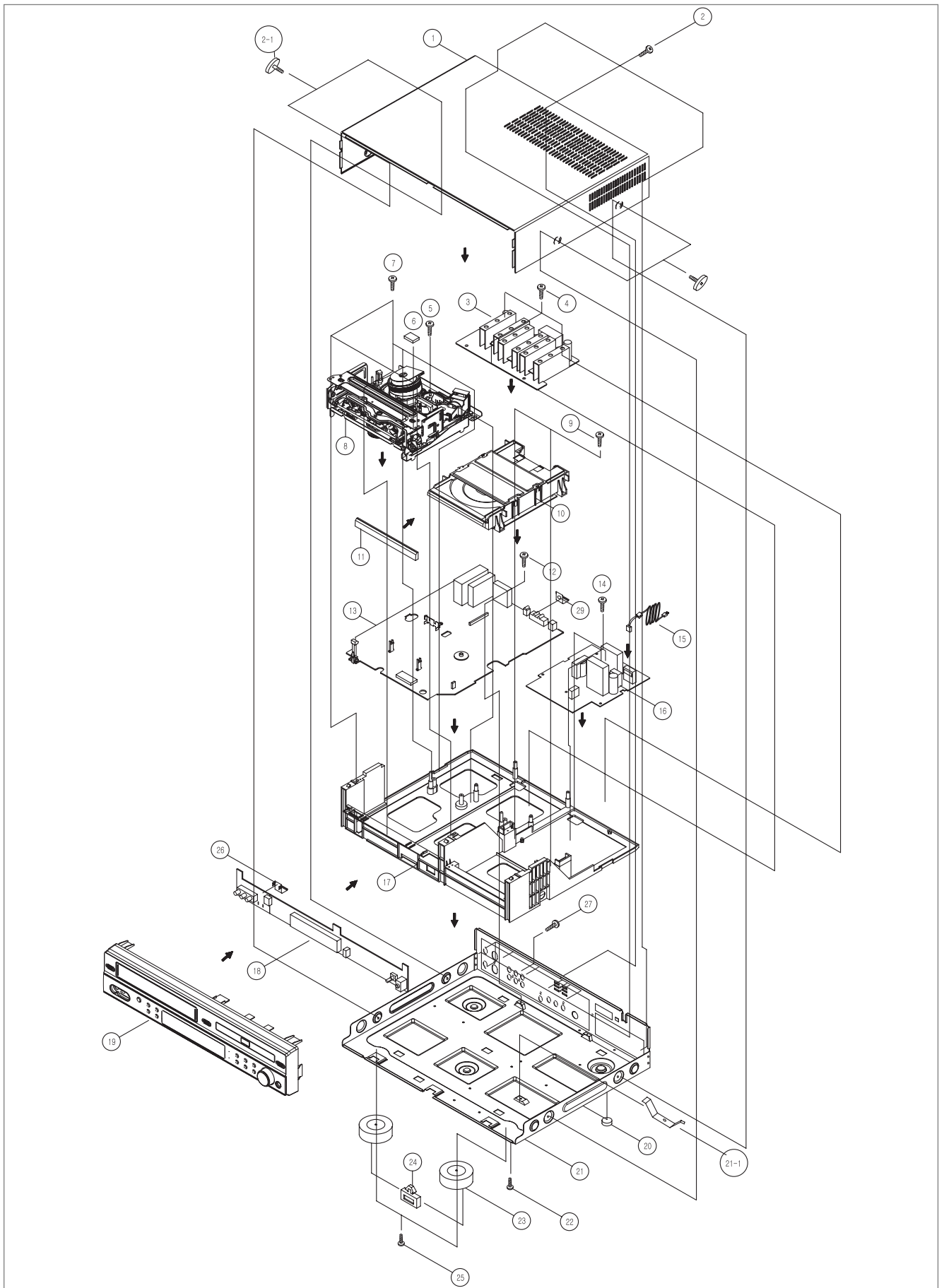


D0060



D0070



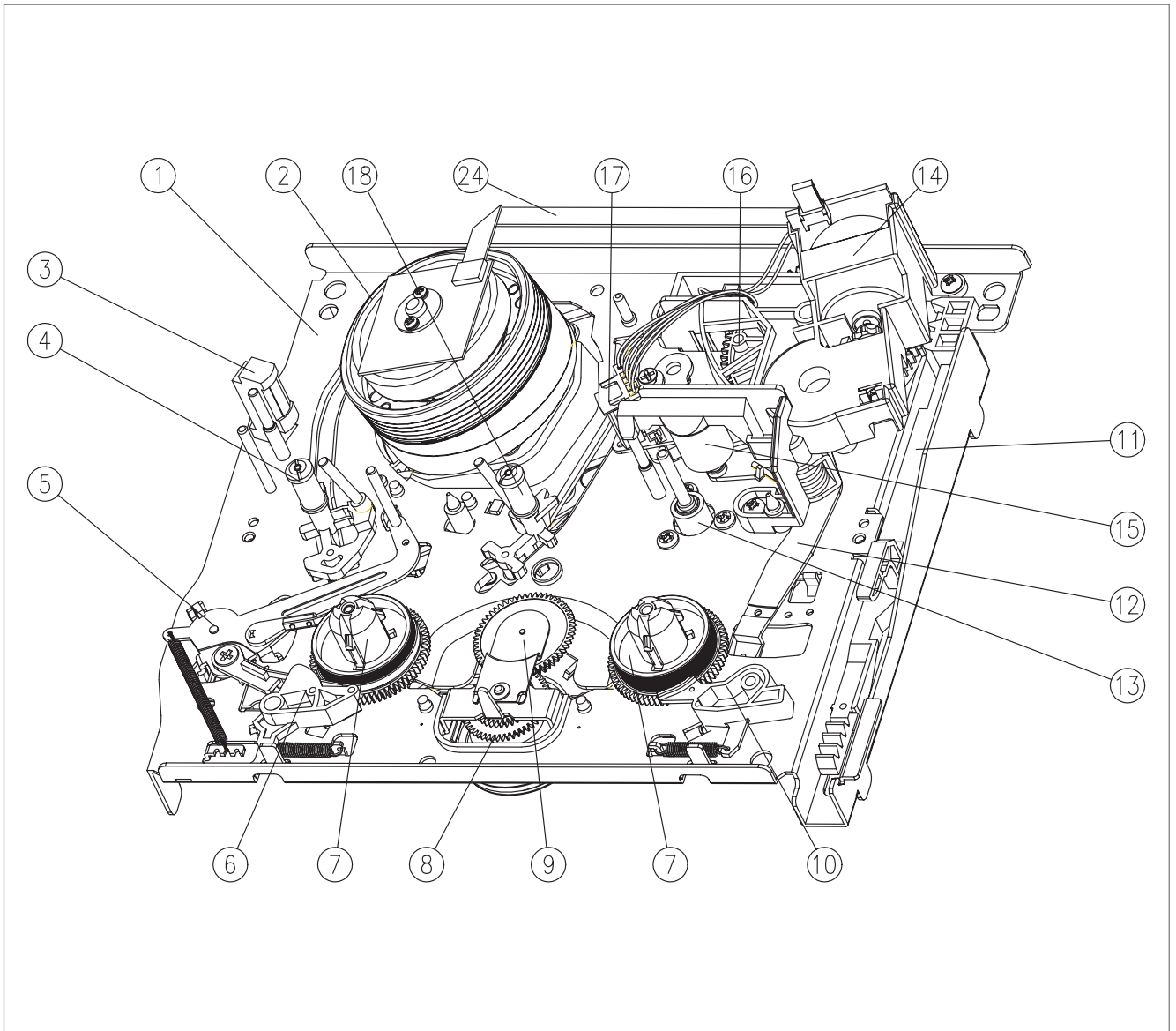


2. ASSEMBLY DIAGRAM AND A/S

2.1. Assembly diagram

2.1.1. DECK Assembly diagram

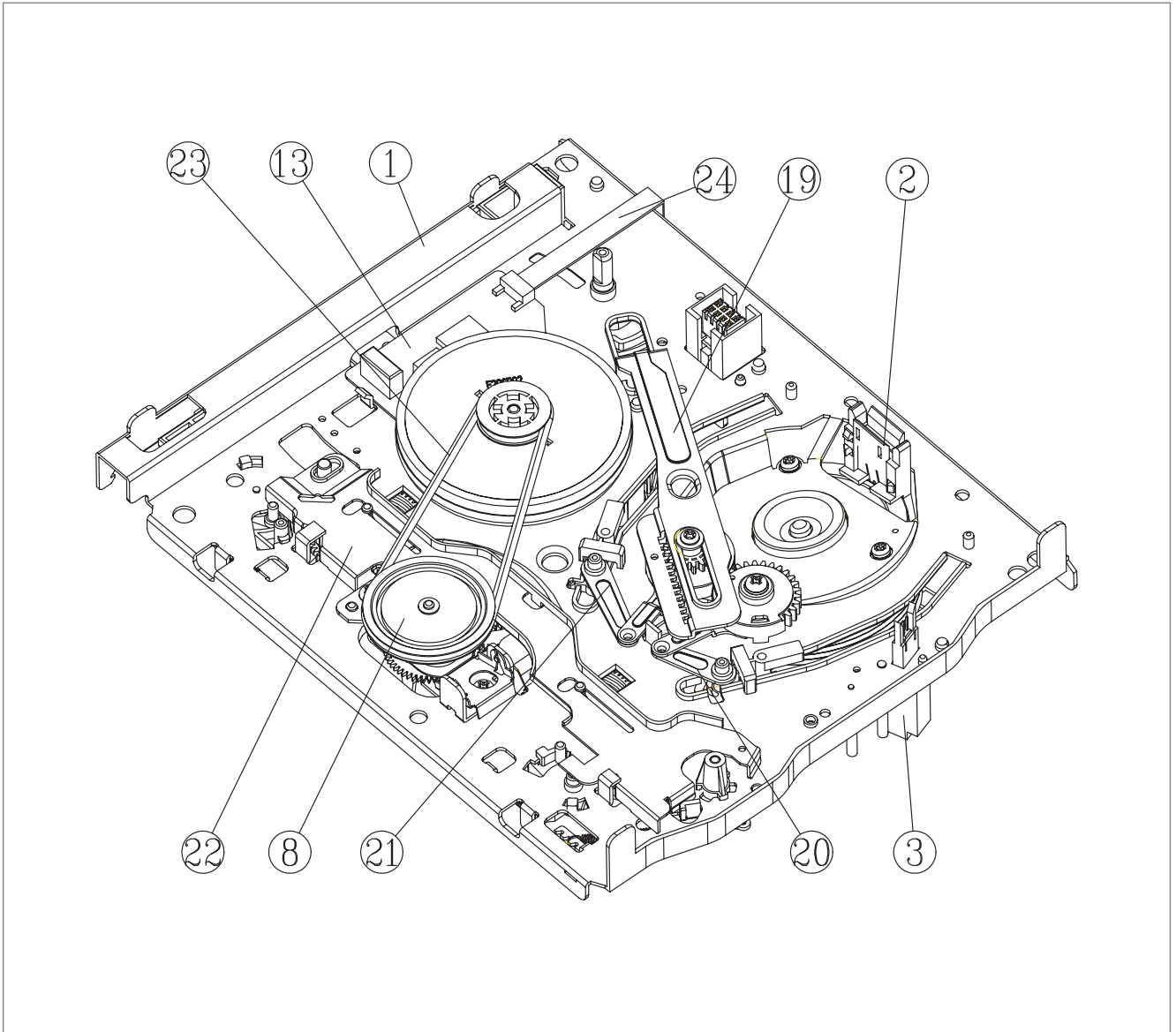
A. Upper View



- | | | |
|-------------------------|----------------------------|-----------------------|
| 1 MAIN BASE ASS'Y | 9 IDLER PLATE TOTAL ASS'Y | 17 AC HEAD ASS'Y |
| 2 DRUM ASS'Y | 10 T BRAKE ASS'Y | 18 T SLANT POLE ASS'Y |
| 3 FE HEAD | 11 FL RACK | 19 LOADING RACK |
| 4 S SLANT POLE ASS'Y | 12 RELAY LEVER | 20 L LOADING ASS'Y |
| 5 TENSION BAND ASS'Y | 13 CAPSTAN MOTOR | 21 R LOADING ASS'Y |
| 6 S BRAKE ASS'Y | 14 LC BRKT ASS'Y | 22 CONNECT PLATE |
| 7 REEL TABLE | 15 PINCH LEVER TOTAL ASS'Y | 23 REEL BELT |
| 8 REEL BRKT TOTAL ASS'Y | 16 CAM GEAR | 24 CABLE FFC |

ASSEMBLY DIAGRAM AND A/S(CONTINUED)

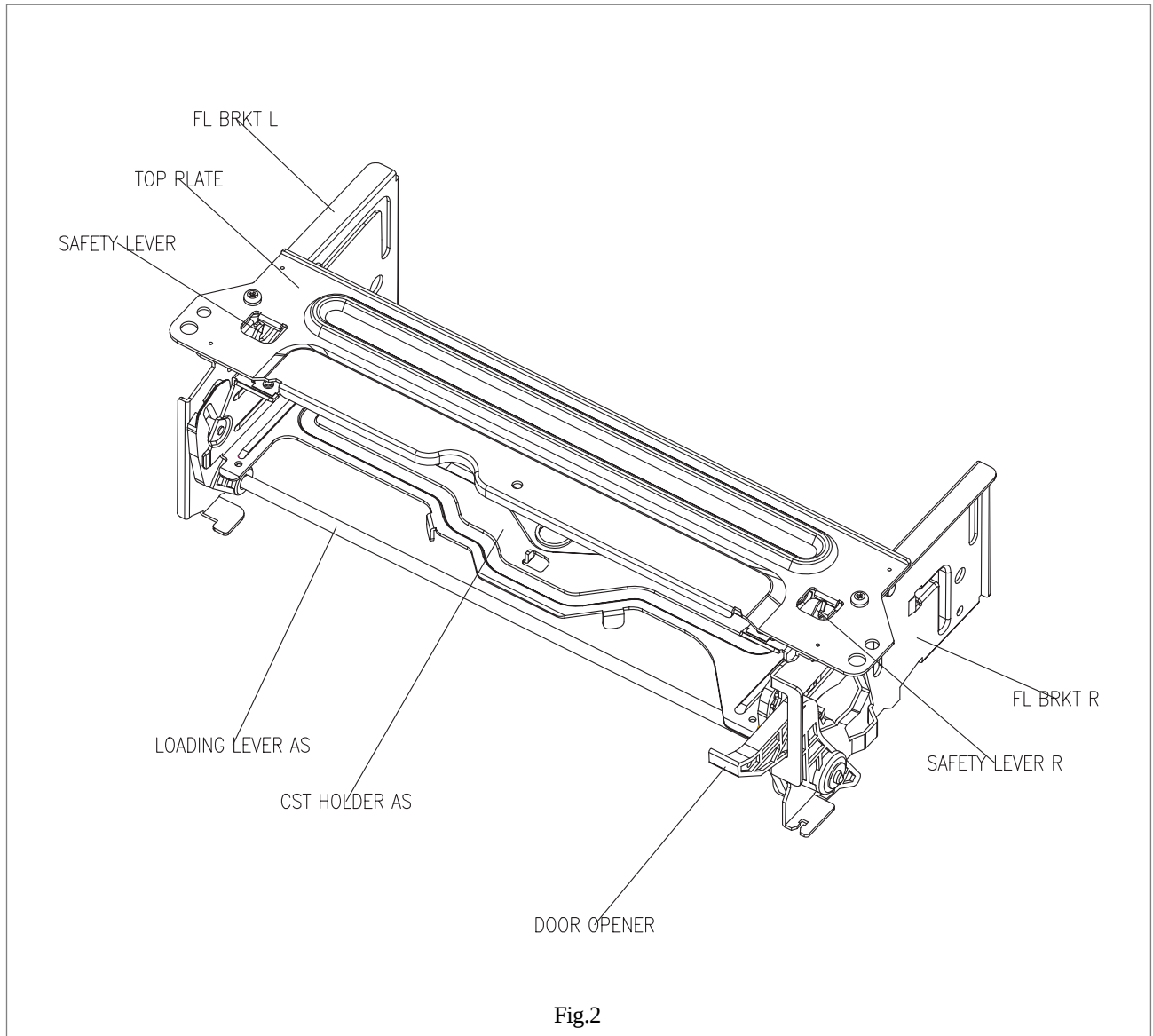
B. Lower View



- | | | |
|-------------------------|----------------------------|-----------------------|
| 1 MAIN BASE ASS'Y | 9 IDLER PLATE TOTAL ASS'Y | 17 AC HEAD ASS'Y |
| 2 DRUM ASS'Y | 10 T BRAKE ASS'Y | 18 T SLANT POLE ASS'Y |
| 3 FE HEAD | 11 FL RACK | 19 LOADING RACK |
| 4 S SLANT POLE ASS'Y | 12 RELAY LEVER | 20 L LOADING ASS'Y |
| 5 TENSION BAND ASS'Y | 13 CAPSTAN MOTOR | 21 R LOADING ASS'Y |
| 6 S BRAKE ASS'Y | 14 LC BRKT ASS'Y | 22 CONNECT PLATE |
| 7 REEL TABLE | 15 PINCH LEVER TOTAL ASS'Y | 23 REEL BELT |
| 8 REEL BRKT TOTAL ASS'Y | 16 CAM GEAR | 24 CABLE FFC |

ASSEMBLY DIAGRAM AND A/S(CONTINUED)

2.1.2. FRONT LOADING Assembly diagram



- 1 FL BRKT L
- 2 TOP PLATE
- 3 SAFETY LEVER
- 4 LOADING LEVER AS4

- 5 CST HOLDER AS
- 6 DOOR OPENER
- 7 SAFETY LEVER R
- 8 FL BRKT R

4. MECHANICAL ADJUSTMENT

4.1 Mechanical Adjustment (Fig. 4.1~4.4)

In case of disassembly and reassembly for fixing the mechanical problem, check the following check point.

- Make sure that the DATUM HOLE of the CAM GEAR is aligned with the DATUM HOLE in the MAINBASE in the EJECT mode as shown in Fig. 4-1.
- Make sure that the ending part “A” of the RELAY LEVER assembled on the CONNECT PLATE is aligned with the reference hole “B” of the MAINBASE as shown in Fig. 4.2.
- The end point “A” of PINCH SPRING PIN of the LEVER TOTAL ASS’Y should be located within the trajectory “B” of the CAM GEAR. (Fig. 4.3)

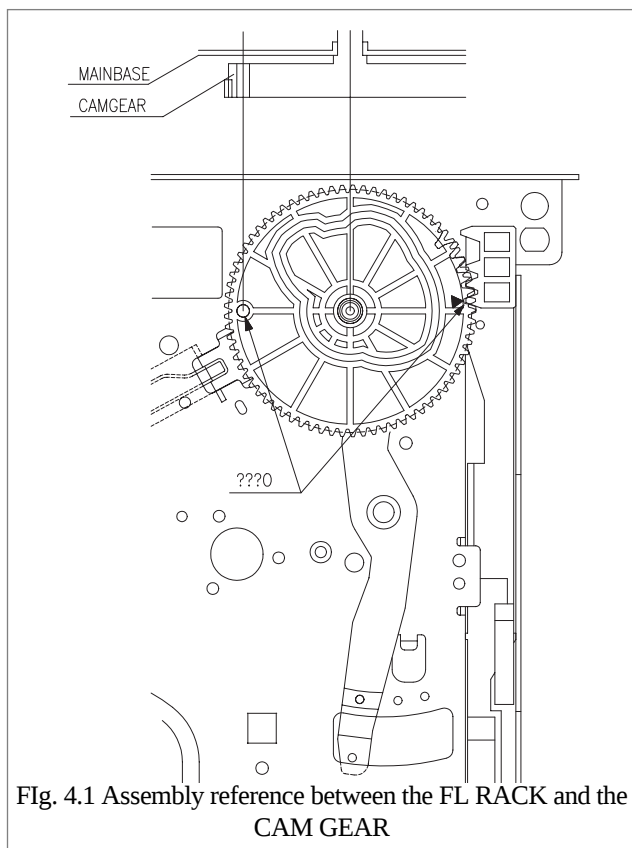


Fig. 4.1 Assembly reference between the FL RACK and the CAM GEAR

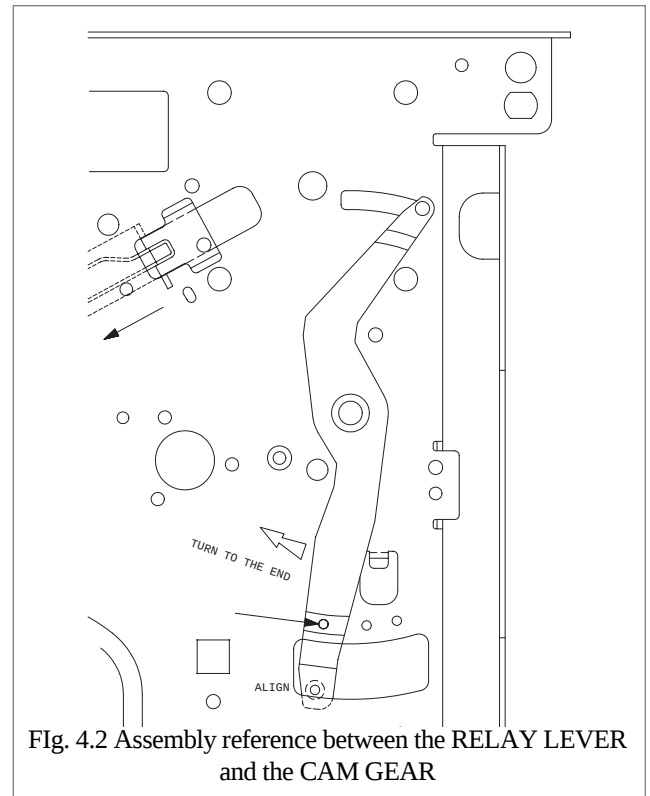


Fig. 4.2 Assembly reference between the RELAY LEVER and the CAM GEAR

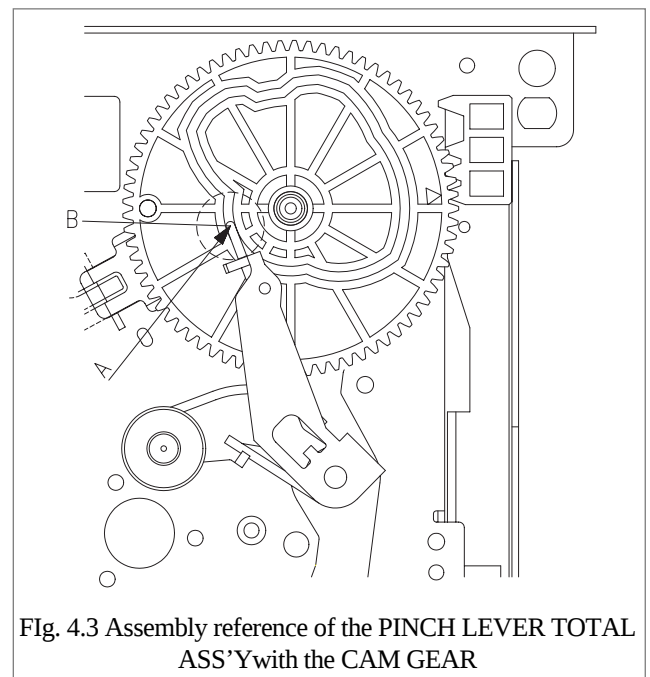
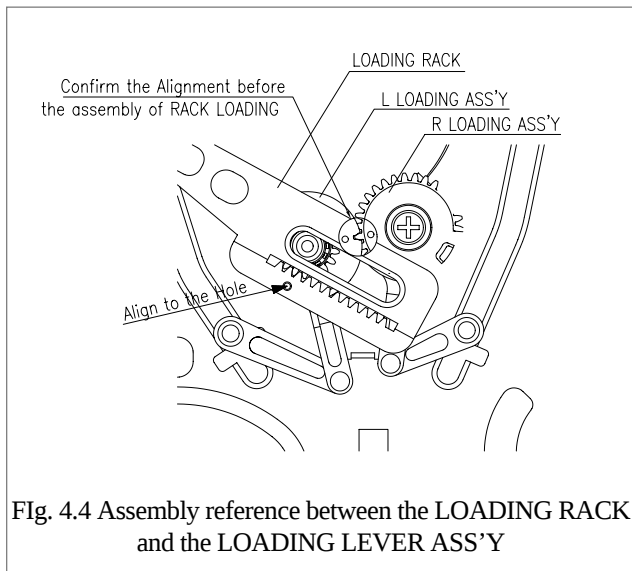


Fig. 4.3 Assembly reference of the PINCH LEVER TOTAL ASS'Y with the CAM GEAR

MECHANICAL ADJUSTMENT (CONTINUED)

- d. Make sure that the triangular mark “A” of the L LOADING Ass’y is aligned with the mark “b” of the R LOADING Ass’y. (Fig. 4.4)
- e. Reference hole “C” of the LOADING RACK should be aligned with the reference hole of the R LOADING Ass’y to make the teeth of the LOADING RACK is aligned as shown in Fig. 4.4.

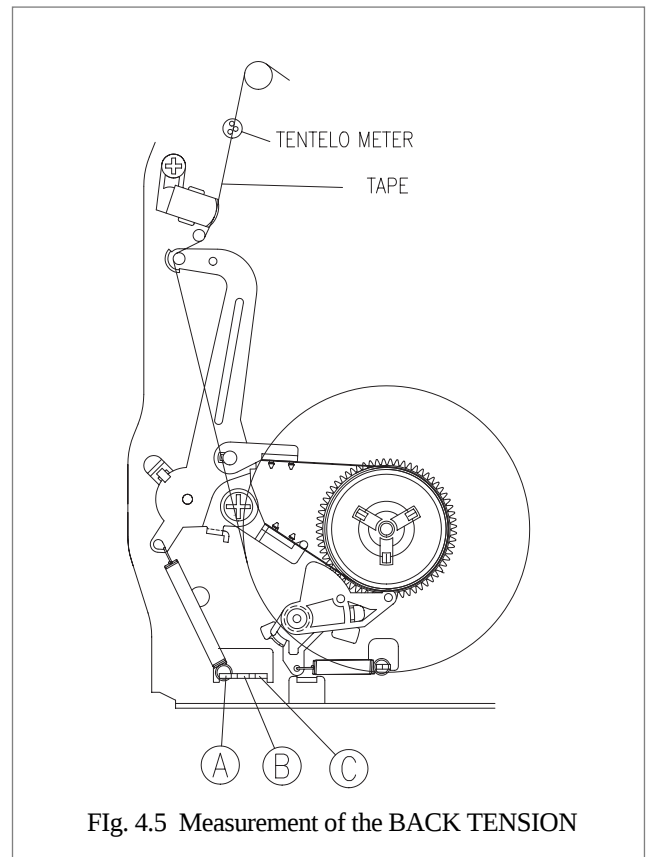


4. 2 Adjustment and measurement of the BACK TENSION (Fig. 4.5, 4.6)

- a. Check that the location of the TENSION POLE is in the right position. if not, adjust that by referring to the “4.4 Adjustment of the TENSION POLE position”.
- b. Play back the T-120 TAPE in S-MAX for 20 seconds.(Generally tape transporting section is settled down in 20 seconds)
- c. Measure the BACK TENSION by using the TENTELO METER (Refer Fig 4.5) The result should be within the range of 20g ~ 30g.
- d. If the BACK TENSION is out of the range, change the position of the TENSION SPRING of repeat the process of “4.4 Adjustment of the TENSION POLE position”.(Fig. 4.6)

CAUTION:

- If the measurement result greater than the upper limit, change the hook point of the spring to position “A”
- Confirm that all of the three probes of TENTELO METER are in contact with the tape.
- During measuring, don't touch any other parts of the MECHANISM(i.e. MAINBASE). It is recommended that this measurement be repeated at least three times for an accurate reading.



MECHANICAL ADJUSTMENT (CONTINUED)

4. 3 Mechanical Mode (Operate without a cassette tape)

- Remove the FRONT LOADING MECHANISM from the DECK MECHANISM
- Cap the IR LED and pull the FL RACK. This has the same effect with cassette loading to the deck.
- If the S,T POLE BASE is loaded, PLAY MODE starts automatically. If you want other function, press the corresponding button.
- Turn off the power when the Mechanism is in the desired position.

4. 4 Adjustment of the position of the TENSION POLE (Fig. 4.6)

- Place the MECHANICAL MODE in the PLAY MODE. Refer to the above section “4.3 MECHANICAL MODE”
- Confirm that the TENSION LEVER is aligned with the datum hole of the MAINBASE.
- If the requirement “b” is not satisfied. turn the BAND BRAKE ADJUST CAP clockwise or counterclockwise until the two datum holes aligns with each other.

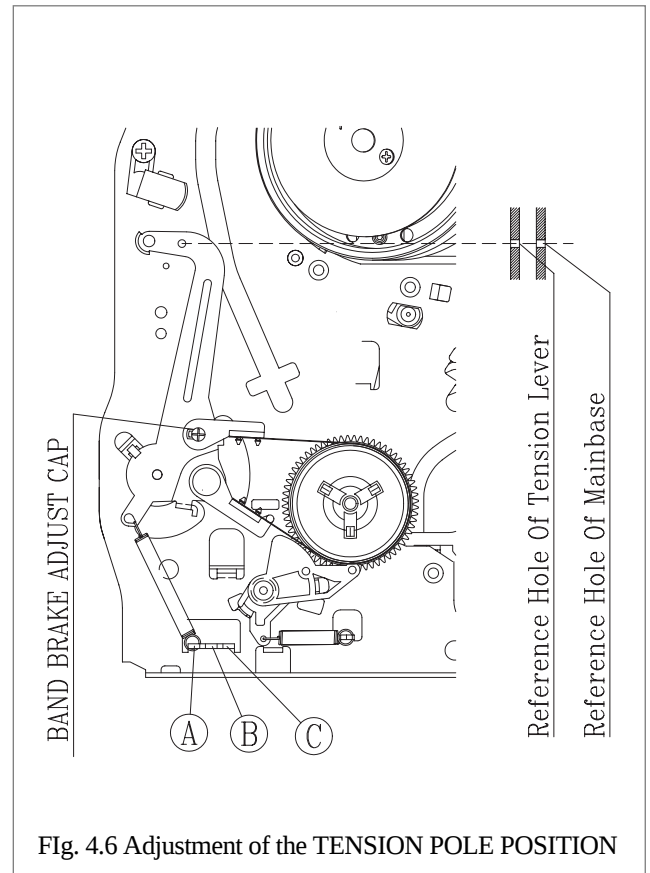
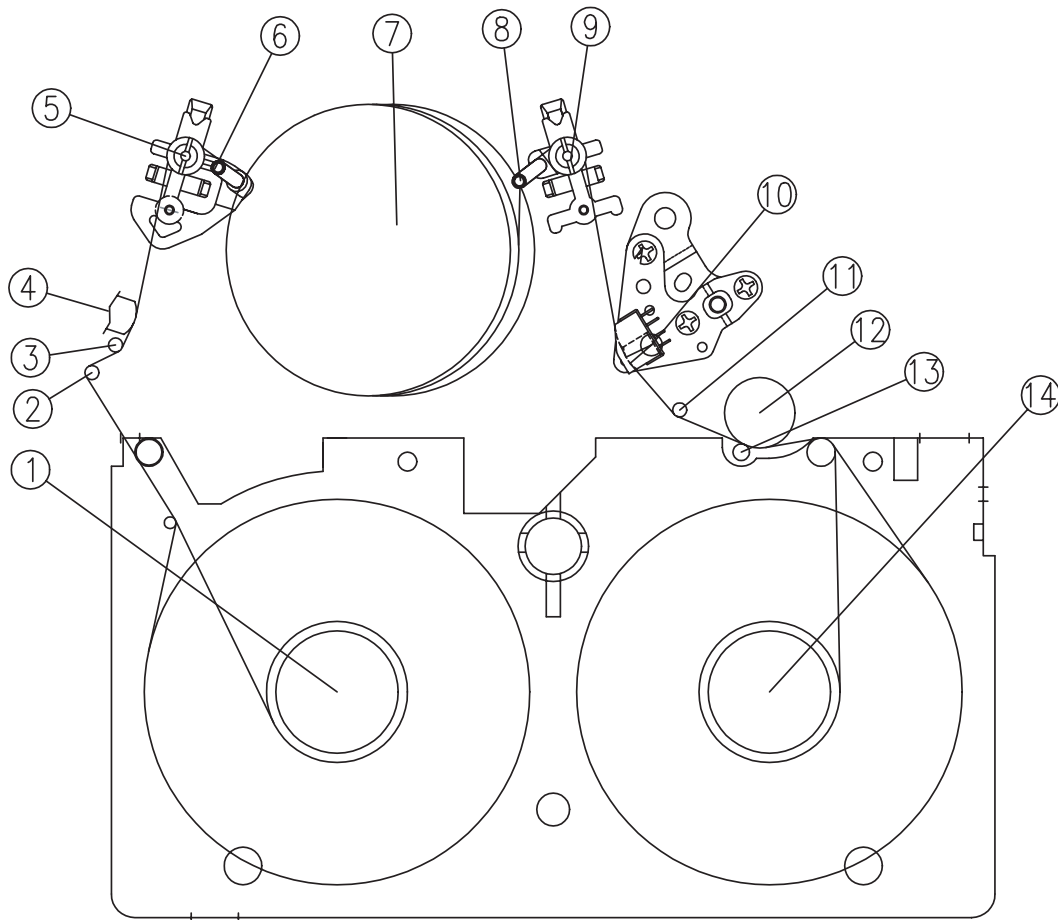


Fig. 4.6 Adjustment of the TENSION POLE POSITION

5. ADJUSTMENT OF THE TAPE TRANSPORT SECTION.

Generally, tape transporting section has been precisely adjusted in the factory and does not require the ordinary readjustment. But there is the case that tape noise or impact on the deck mechanism, tape transporting section readjustment is required. In adjustment of the tape transmission section consult the following flow chart.



NO.	NAME	NO.	NAME
1	S REEL	8	T SLANT POLE
2	TENSION POLE	9	T GUIDE ROLLER
3	S GUIDE POST	10	ACE HEAD
4	FE HEAD	11	T GUIDE POST
5	S GUIDE ROLLER	12	PINCH ROLLER
6	S SLANT POLE	13	CAPSTAN SHAFT
7	DRUM	14	T REEL

Fig.5.1 A schematic diagram of the tape transport ing section.

If any components shown in Fig. 5.1, tape transport section are changed. To readjust the tape transporting section.

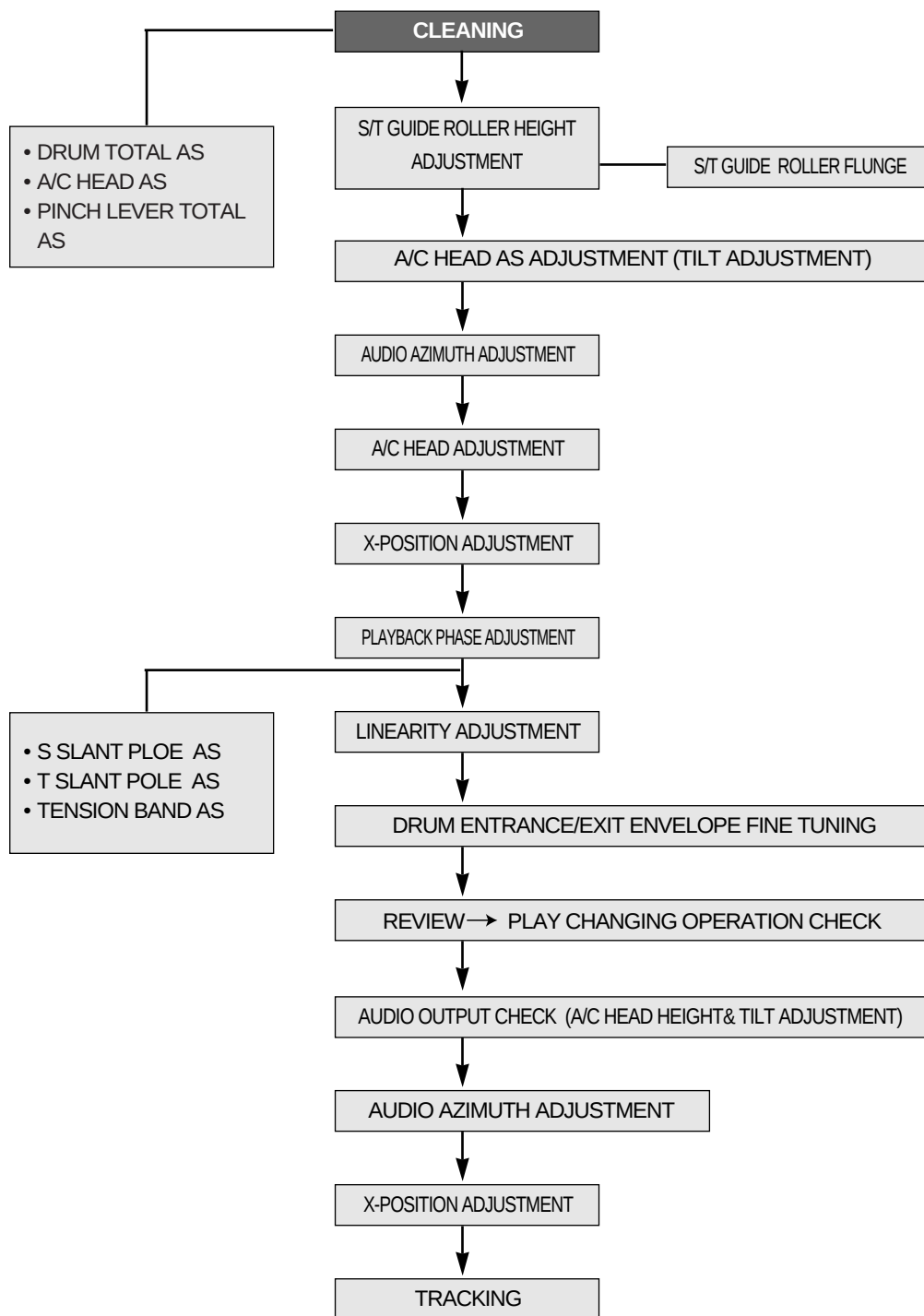


Table.1 Adjustment Flow Diagram of the Tape Transporting System

ADJUSTMENT OF THE TAPE TRANSPORT SECTION. (CONTINUED)

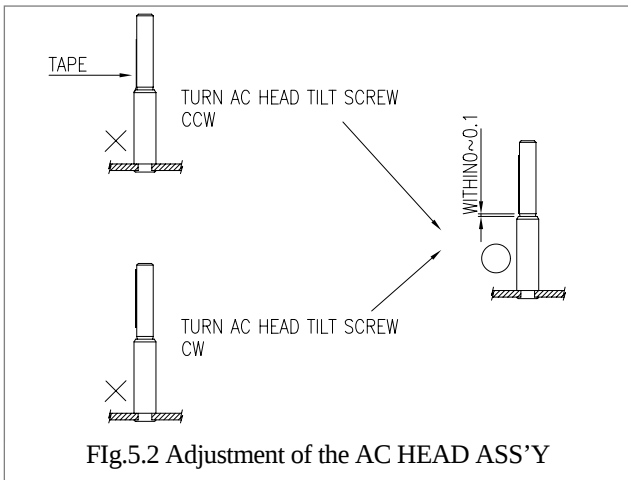
A. Adjustment of the S/T GUIDE ROLLER

A. Adjustment of the S/T GUIDE ROLLER

- Check the Playing back with a T-120 TAPE.
- Make sure that excessive tape wrinkle does not occur at S, T GUIDE ROLLER.
- If tape wrinkle is observed at the S/T GUIDE ROLLER, turn the guide roller screw until there is not tape wrinkle.

B. Adjustment of the AC HEAD ASS'Y(TILT)

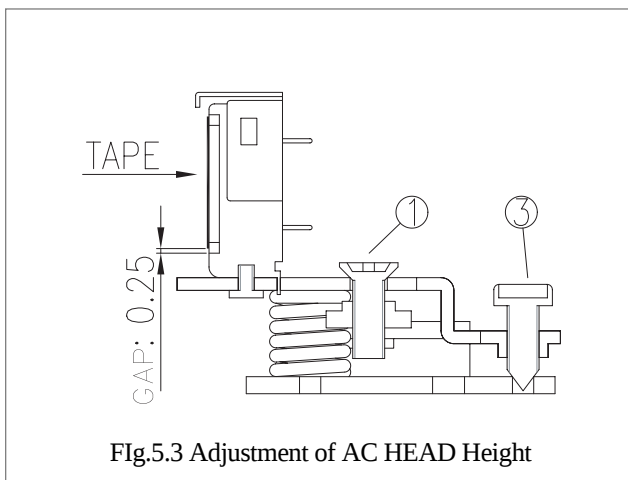
- Play back a T-120 TAPE and check the running status of lower side of GUIDE POST.



- If there is any problem, Turn the AC HEAD TILT SCREW until the running status improved. (Fig. 5.2)

C. Adjustment of the AC HEAD Height(Fig. 5.3)

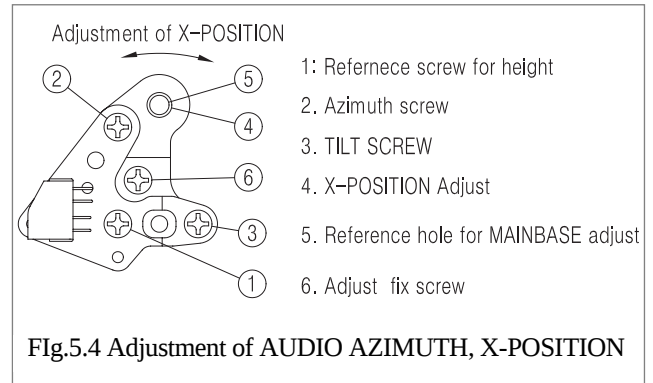
- Play back a T-120 TAPE..
- Make sure that the gap between the lower end of TAPE and the AC head is 0.25mm.



- If the measurement of the gap is different from the reference value 0.25mm, turn the screw ①, ③ until the desired gap is obtained.

D. Adjustment of the AUDIO AZIMUTH(Fig. 5.4)

- Play back the ALIGNMENT TAPE (DN2 : SP, NTSC, 7KHz)
- Check the AUDIO output with a AUDIO LEVEL METER.
- Turn the AC HEAD AZIMUTH SCREW ② until the maximum AUDIO output(-9dBm ~ -3dBm) is obtained.

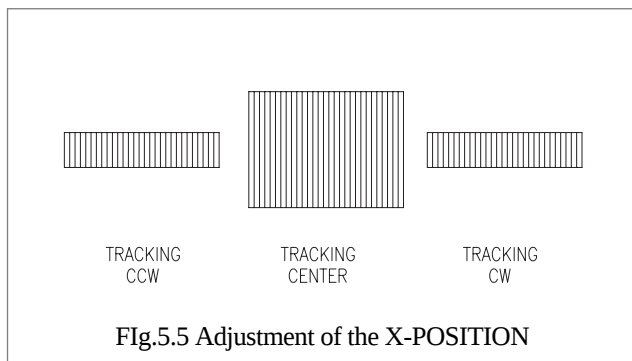


E. Adjustment of the X-POSITION(Fig. 5.4 5.5)

- Connect the PATH ADJ. FIXTURE to the PT01 on the MAIN CIRCUIT BOARD.
 - Play back the ALIGNMENT TAPE (DN2 : SP MONO-SCOPE).
 - Connect the S/W pin and ENVE pin of the PATH ADJ. FIXTURE with the SCOPE PROBE.
 - Insert the adjustment bar in the AC HEAD ADJUST hole ④ and adjust the X-POSITION of the AC HEAD ASS'Y until the ENVE is maximum when the VR is on the CENTER.
- There is the possibility that another TRACKING CENTER can be occur when the AC HEAD ASS'Y turned completely in the counterclockwise direction, Hence adjust the X-position with AC HEAD ASS'Y adhering closely to the right side until the maximum ENVE is obtained.
- The adjustment of the X-POSITION finished, check if the AUDIO LEVEL is degraded, then readjustment of the AUDIO AZIMUTH is required.

Test Point	S/W PULSE TEST PIN	PATH ADJ. FIXTURE
	ENVELOPE TEST PIN	PATH ADJ.FIXTURE
Measurement Equipment	OSILLOSCOPE	
Adjustment	VR CONTROL	PATH ADJ.FIXTURE
	AC HEAD ADJUST HOLE	ADJUSTMENT BAR

ADJUSTMENT OF THE TAPE TRANSPORT SECTION. (CONTINUED)

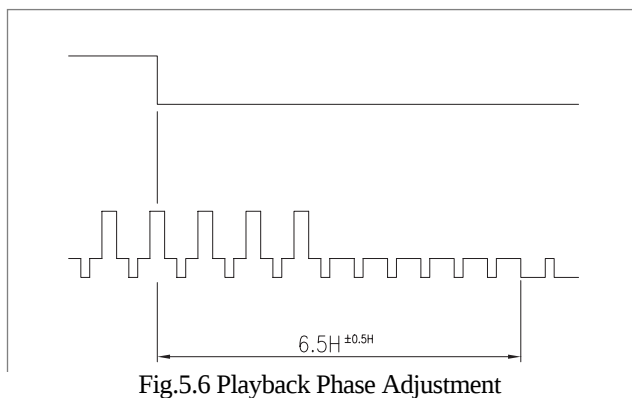


F. PLAYBACK PHASE ADJUSTMENT(Fig. 5.6)

Test Point	S/W PULSE TEST PIN	MAIN CIRCUT BOARD
	ENVELOPE TEST PIN	MAIN CIRCUT BOARD
Measurement Equipment	OSILLOSCOPE	
Adjustment	VR 595(PG SHIFTER)	MAIN CIRCUT BOARD

PHASE GENERATOR(PG) SHIFTER determine the VIDEO HEAD SWITCHING POINT when the TAPE is played back. If an adjustment of the PHASE GENERATOR(PG) SHIFTER is not done precisely, There can be a HEAD SWITCHING NOISE or a VERTICAL JITTER problem, vibration of the picture on the screen, not good quality of picture in special play back.

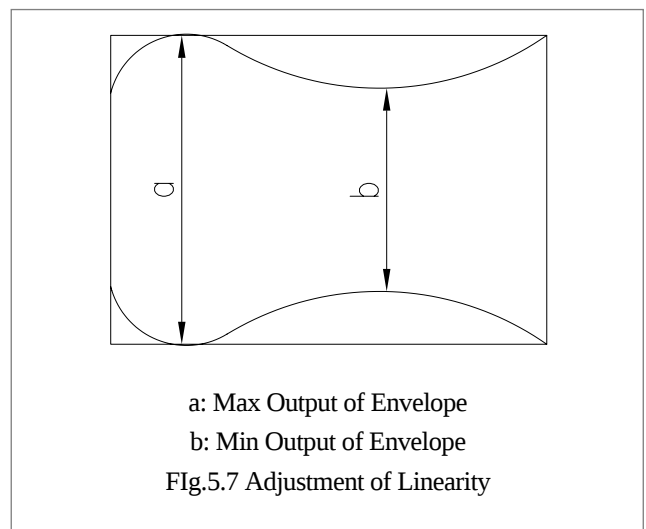
- Connect the PT01 on the MAIN CIRCUIT BOARD with a PATH ADJ. FIXTURE.
- Play back an ALIGNMENT TAPE(DN-2 : MON-SCOPE signal)
- Connect the S/W PULSE TEST PIN on the PATH ADJ. FIXTURE with a CHANNEL-1 SCOPE PROBE.
- Connect the VIDEO OUT on the MAIN CIRCUIT BOARD with a CHANNEL-2 SCOPE PROBE (1V/div).
- Control the PG VOLUME until the time interval between the SWITCHING PULSE and the V-SYNC SIGNAL is within the $6.5H \pm 0.5H$ as shown in Fig. 5.6.



G.Adjustment of the LINEARITY(Fig. 5.7)

Test Point	S/W PULSE TEST PIN	PATH ADJ. FIXTURE
	ENVELOPE TEST PIN	PATH ADJ.FIXTURE
Measurement Equipment	OSILLOSCOPE	
Adjustment	VR CONTROL	PATH ADJ.FIXTURE
	S/T GUIDE ROLLER	TAPE TRANSPORT SECTION

- Connect the PT01 on the MAIN CIRCUIT BOARD with a PATH ADJ. FIXTURE.
- Play back an ALIGNMENT TAPE(DN-2 : MONO-SCOPE Signal).
- Connect the FIXTURE S/W PULSE TEST PIN on the PATH ADJ. CHANNEL-1 SCOPE PROBE.
- Connect the VIDEO OUT on the MAIN CIRCUIT BOARD with a CHANNEL-2 SCOPE PROBE (1V/div).
- Adjust the VR CONTROL on the ADJ. FIXTURE until the ENVELOPE signal is maximum while play back the ALIGNMENET TAPE.
- Adjust the S/T GUIDE ROLLER until the envelope signal waveforms of the entrance and exit sides are as shown in Fig. 5-7.

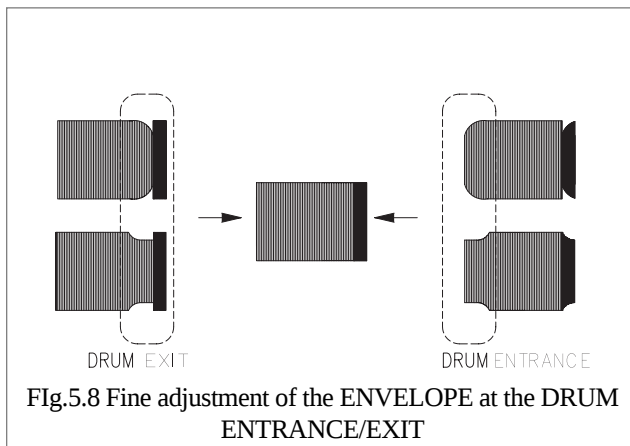


ADJUSTMENT OF THE TAPE TRANSPORT SECTION. (CONTINUED)

H. Adjustment of the wave form of DRUM Entrance / Exit (Fig. 5.8)

Test Point	S/W PULSE TEST PIN	PATH ADJ. FIXTURE
	ENVELOPE TEST PIN	PATH ADJ.FIXTURE
Measurement Equipment	OSILLOSCOPE	
Adjustment	VR CONTROL	PATH ADJ.FIXTURE
	S/T GUIDE ROLLER	TAPE TRANSPORT SECTION

- Connect the PT01 on the MAIN CIRCUIT BOARD with a PATH ADJ.FIXTURE.
- Play back an ALIGNMENT TAPE(DN-2 : MONO-SCOPE signal)
- Connect the S/W PULSE TEST PIN on the PATH ADJ. FIXTURE with a CHANNEL-1 SCOPE PROBE.
- Connect the VIDEO OUT on the MAIN CIRCUIT BOARD with a CHANNEL-2 SCOPE PROBE(1V/div).
- Turn the VR CONTROL on the PATH ADJ.FIXTURE clockwise or counterclockwise until the signal shape of ENVELOPE has the constant thickness.(Fig.5.8)
- Adjust the S/T GUIDE ROLLER if the thickness of the ENVELOPE signal is not uniform.



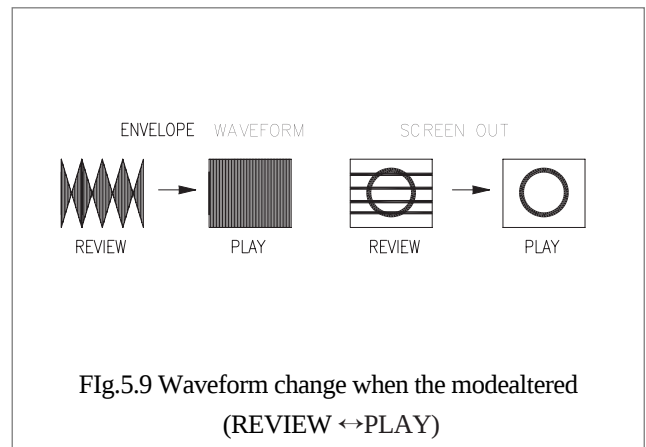
I. REVIEW ↔ PLAY(Fig. 5.9)

Test Point	S/W PULSE TEST PIN	PATH ADJ. FIXTURE
	ENVELOPE TEST PIN	PATH ADJ.FIXTURE
Measurement Equipment	OSILLOSCOPE	
Adjustment	VR CONTROL	PATH ADJ.FIXTURE
	S/T GUIDE ROLLER	TAPE TRANSPORT SECTION

- Connect the PT01 on the MAIN CIRCUIT BOARD with a PATH ADJ.FIXTURE.
- Play back an ALIGNMENT TAPE(DN-2 : MONO-SCOPE signal)
- Connect the S/W PULSE TEST PIN on the PATH ADJ. FIXTURE with a CHANNEL-1 SCOPE PROBE.
- Connect the VIDEO OUT on the MAIN CIRCUIT-

BOARD with a CHANNEL-2 SCOPE PROBE (1V/div).

- Make the VR CONTROL on the PATH ADJ. FIXTURE to the center to maximize the ENVELOPE signal.
- Play back the REVIEW mode about 15 second and alter the mode to PLAY MODE.
- Check whether the ENVELOPE waveform restore to its original form within 3 second when the REVIEW mode is changed to PLAY mode.
- If the requirement of “g” is not satisfied, Check the running status of tape on the lower part of T GUIDE POST and adjust the S/T GUIDE ROLLER precisely



J. Checking AUDIO output waveform (Adjustment of AC HEAD TILT & Height)

Test Point	AUDIO OUTPUT	AUDIO OUTPUT JACK
Measurement Equipment	AUDIO LEVEL METER	

- Connect the AUDIO output jack with an AUDIO LEVEL METER.
- Playback an Alignment Tape (DN-1:Color Bar 1KHz Signal)
- Check if the AUDIO output signal level is over -9~-3dBm.
- If the requirement of “c” is not satisfied, readjust the AC HEAD TILT and the HEIGHT until the AUDIO output is maximized. (Fig. 5.2, 5.3)

ADJUSTMENT OF THE TAPE TRANSPORT SECTION. (CONTINUED)

K. Adjustment of the AUDIO AZIMUTH

Test Point	AUDIO OUTPUT	AUDIO OUTPUT JACK
Measurement Equipment	AUDIO LEVEL METER	

- Connect the AUDIO output JACK with an AUDIO LEVEL METER.
- Play back the ALIGNMENT TAPE(DN-2:MONO-SCOPE 7KHz Signal).
- Check if the AUDIO output signal level is over : -9 ~ -3dBm.
- If the requirement of “c” is not satisfied, readjust the AZIMUTH SCREW of the AC HEAD until the AUDIO output is maximum.(Fig. 5.4)
- Repeat the process of **“Adjustment of the wave form of DRUM Entrance/Exit”**

L. X-POSITION

Test Point	S/W PULSE TEST PIN	PATH ADJ. FIXTURE
	ENVELOPE TEST PIN	PATH ADJ.FIXTURE
Measurement Equipment	OSILLOSCOPE	
Adjustment	VR CONTROL	PATH ADJ.FIXTURE
	S/T GUIDE ROLLER	TAPE TRANSMISSION T SECTION

- Connect the PT01 on the MAIN CIRCUIT BOARD with a PATH ADJ. FIXTURE.
- Play back an ALIGNMENT TAPE(DN-2 : MONO-SCOPE Signal).
- Connect the S/W PULSE TEST PIN on the PATH ADJ. FIXTURE with a CHANNEL-1 SCOPE PROBE.
- Connect the VIDEO OUT on the MAIN CIRCUIT BOARD with a CHANNEL-2 SCOPE PROBE (1V/div).
- Check if the ENVELOPE is maximum when the VR CONTROL on the PATH ADJ. FIXTURE is in CENTER
- If the requirement “e” is not satisfied, readjust the X-POSITION by referring to subitem “E”(Adjustment of the X-POSITION).
- Repeat the process of subitem “F”(PLAYBACK PHASE ADJUSTMENT).

ELECTRICAL ADJUSTMENT

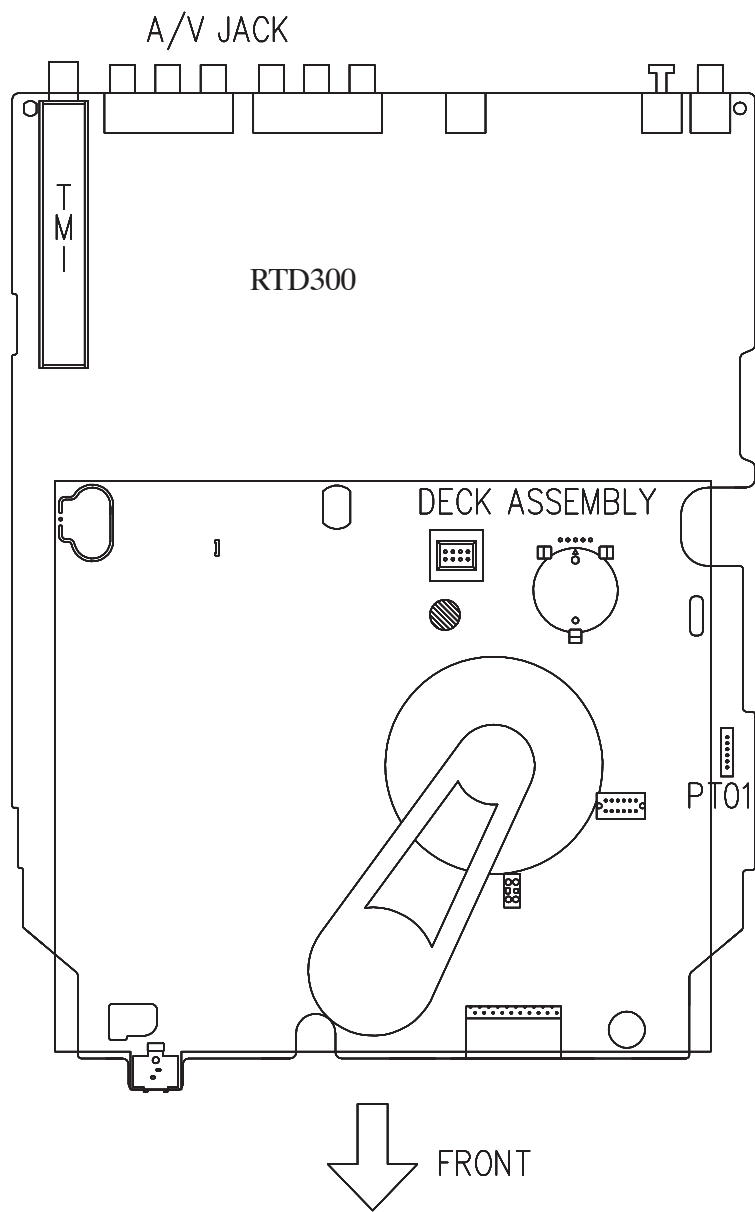


Fig. 1 Main board test point/control location guide(component)

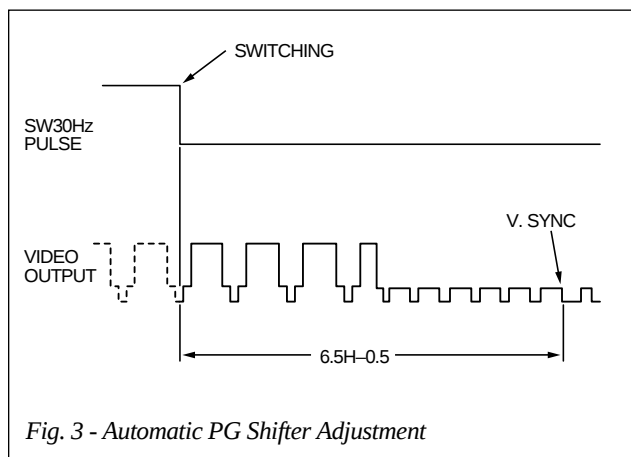
ELECTRICAL ADJUSTMENT

PG (Pulse Generator) Shifter Adjustment (Fig. 3)

Test Points:	PT01 PIN ③	Main
	Video Out Jack	Rear Panel
Adjust:	REC SWITCH	Main

The Pulse Generator (PG) Shifter determines the video head switching point during playback. Misadjustment of the PG Shifter may cause head switching noise in the picture and/or vertical jitter.

1. Load the instrument with an alignment tape and play back the color bar signal or monoscope signal.
2. Connect Path Fixture to PT01.
3. Connect channel-1 scope probe (1V/div.: 50 μ sec/div.) to PT01 PIN ③. Trigger the scope on channel-1.
4. Connect channel-2 scope probe (1V/div.) to the Video Out Jack.
5. Set the scope to (-) slope and press the REC SW, the alignment is performed automatically. Confirm that the trailing edge of the SW 30Hz pulse is placed 6.5H $\pm$ 0.5H (horizontal) lines before the start of vertical sync pulse.



INSTRUMENT DISASSEMBLY

Perform all disassembly procedures in the order presented. When reassembling, use the reverse procedure. Make sure that all leads/wiring are routed correctly when reassembling.

1. LEGS REMOVAL

1. Remove screw(2) holding the legs.
2. Remove the the legs in the direction of the arrow.

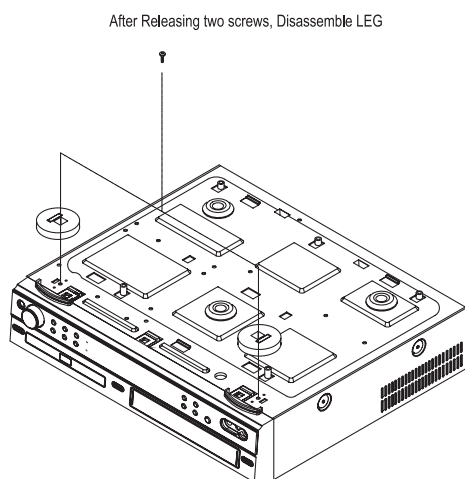


Fig. 1 - Legs Removal

2. TOP COVER REMOVAL

1. Remove screw(7) holding the top cover.
2. Carefully lift the back of top cover and slide it the rear to remove it.

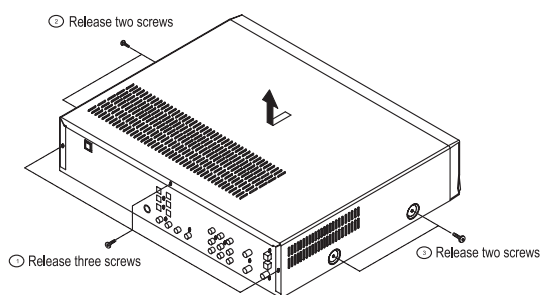


Fig. 2 Top Cover Removal

3. PANEL FRONT REMOVAL

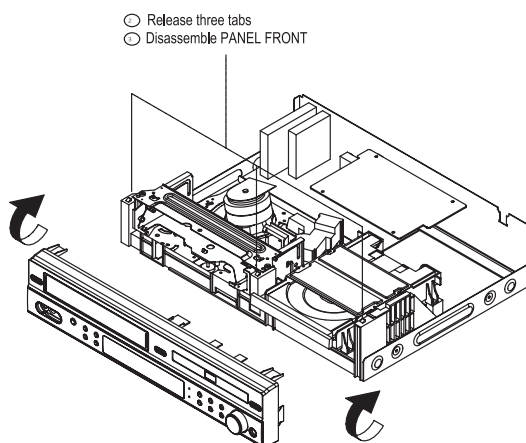
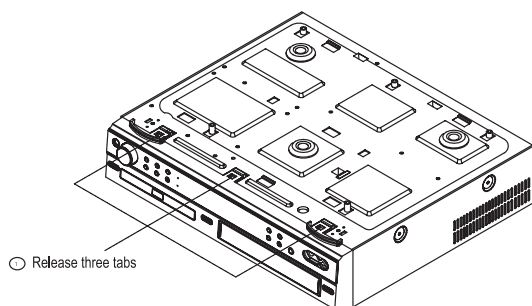


Fig. 3 . Panel Front Removal

INSTRUMENT DISASSEMBLY (Continued)

4. LOGIC PCB REMOVAL

After releasing seven screws, Disassemble LOGIC PCB

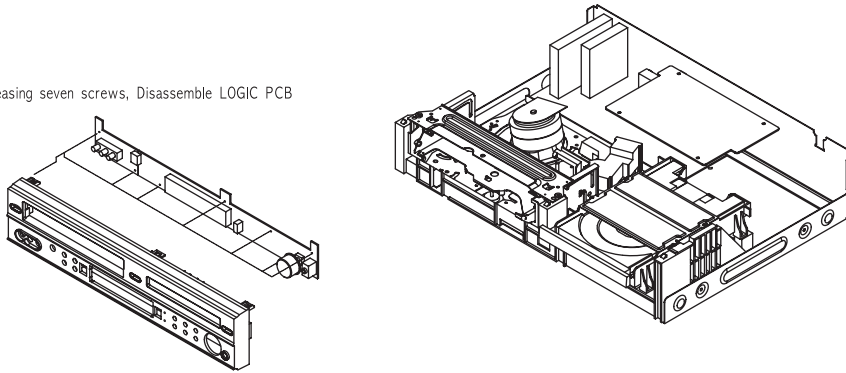


Fig. 4 . LOGIC PCB Removal

5. DECK ASSEMBLY & LOADER,DVD-BOARD,POWER-BOARD REMOVAL.

○ After releasing six screws, Disassemble DECK

○ After releasing four screws, Disassemble LOADER PCB

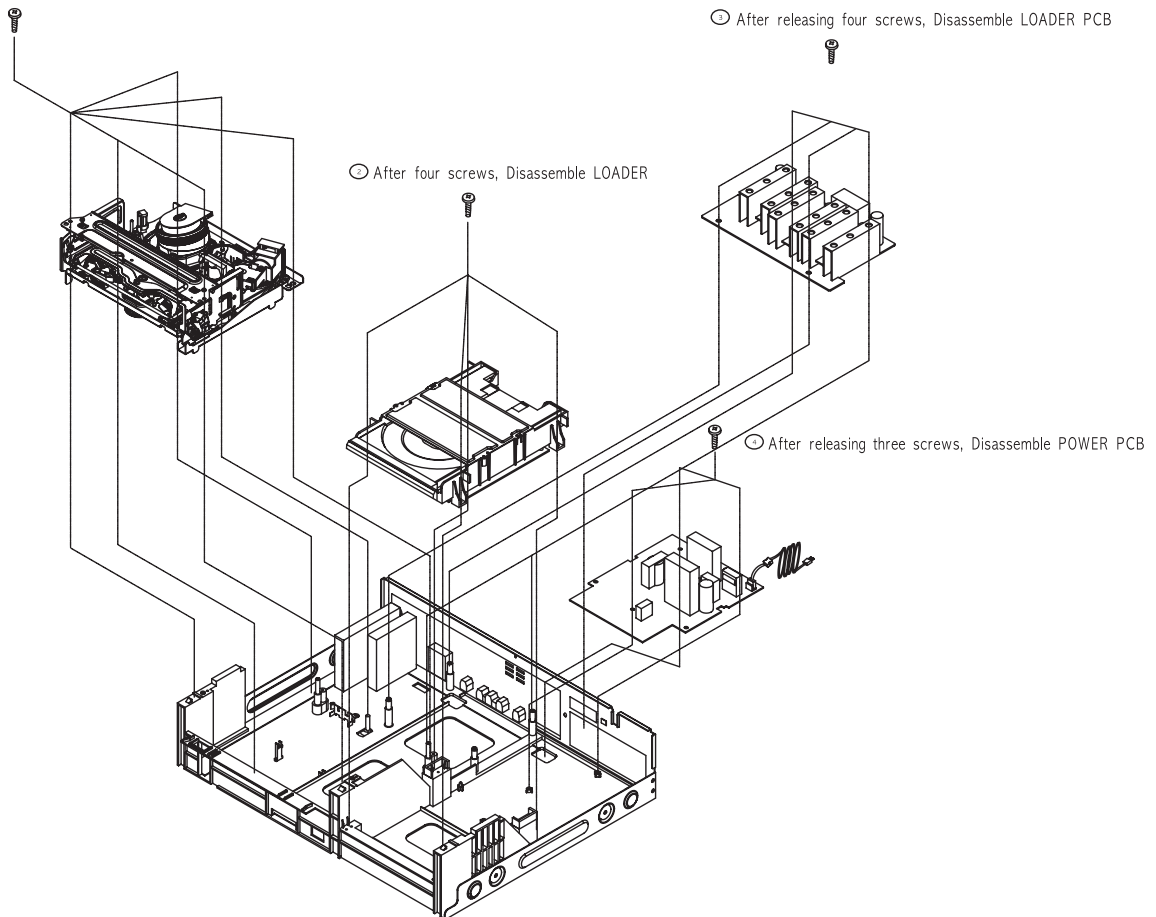


Fig. 5 . DECK & LOADER,POWER BOARD Removal

INSTRUMENT DISASSEMBLY (Continued)

6. MAIN BOARD REMOVAL

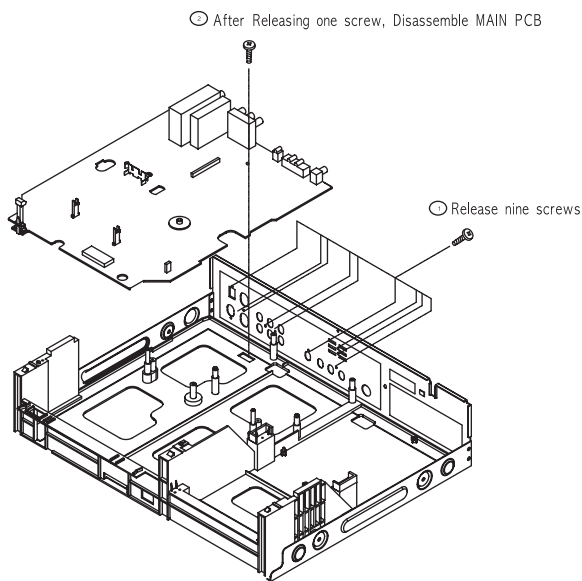


Fig. 6. Main Board Removal

7. CHASSIS MAIN REMOVAL

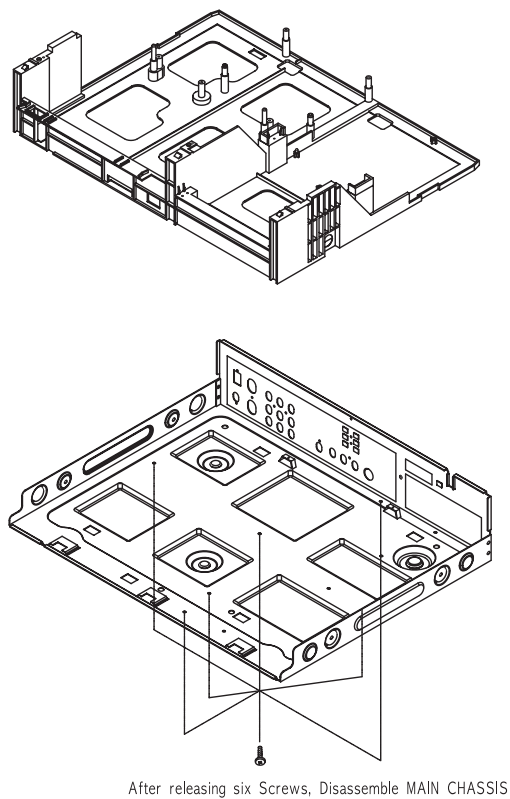
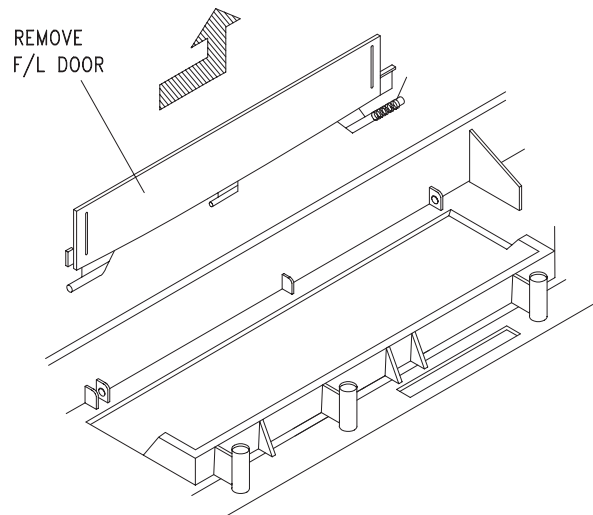


Fig. 7. Chassis Main Removal

INSTRUMENT DISASSEMBLY (Continued)

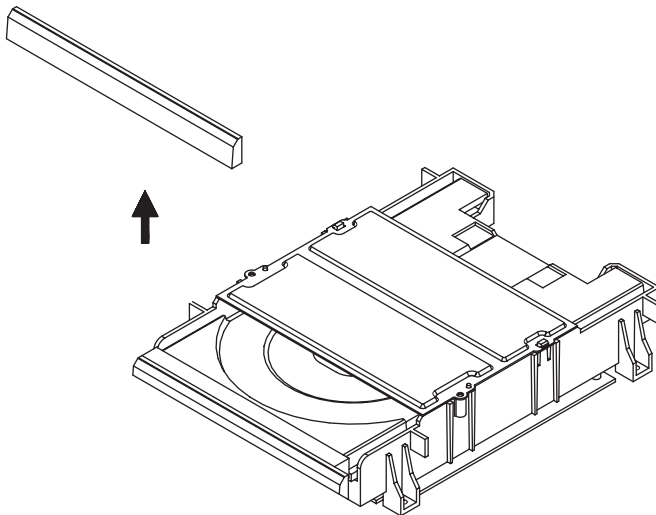
F/L Door Removal

1. Open the F/L door 90 degrees.
2. Remove the F/L door in the direction of the arrow.



DOOR DVD REMOVAL

1. Remove the F/L door in the direction of the arrow.



ABBREVIATIONS

A	A or AUD	: Audio
	A.E.	: Audio Erase
	AC	: Alternating current
	ACC	: Automatic Color Control
	ACS	: Auto Clock Set
	AFC	: Automatic Frequency Control
	AFT	: Automatic Fine Tuning
	AGC	: Automatic Gain Control
	ALC	: Automatic Level Control
	AM	: Amplitude Modulation
	AMP	: Amplifier
	ANT	: Antenna
	APC	: Automatic phase control
	ASS'Y or AS	: Assembly
	AUTO	: Automatic
	AV or A/V	: Audio/Video

B	B	: Base, Burst
	BAL	: Balance
	BGP	: Burst Gate Pulse
	BPF	: Bandpass Filter
	BW or B/W	: Black and White

C	C	: Capacitor, Chroma, Collector
	C Rotary	: Color Rotary
	C-Sync	: Composite Synchronization
	CA	: Commercial Advance
	CAP	: Capstan
	CAR	: Carrier
	CATV	: Cable Television
	CBC	: Cable Box Control
	CCD	: Charge Coupled Devices
	CFG	: Capstan Frequency Generator
	CH	: Channel
	CHAR	: Character
	CHROMA	: Chrominance
	CLK	: Clock
	CNR	: Color Noise Reduction
	COMB	: Comb Filter
	COMP	: Comparator, Composite, Compensation
	CONV	: Converter
	CST	: Cassette
	CTL	: Control
	CUR	: Current
	CV	: Composite Video

D	D	: Drum, Digital, Diode, Drain
	DC	: Direct Current
	DD	: DC-DC Convert
	DEEM or DEEMPH:	Deemphasis
	DEMODO	: Demodulator
	DET	: Dectector
	DEV	: Deviation
	DFG	: Drum Frequency Generator
	DOC	: Dropout Compensator

	DS	: Drain and Source
	DSSC	: Digital Satellite Set Control
	dB	: Decibel

E	EDS	: Extended Data System
	ENVE	: Envelope
	E/V	: Envelope/Vertical Sync

G	GEN	: Generator
	GND	: Ground

H	H	: High, Horizontal
	HA or HEAD AMP	: Head Amplifier (PreAmp)
	HD	: Horizontal Drive, Head
	HOR	: Horizontal
	HZ	: Hertz

I	I/O	: Input/Output
	IC	: Intergrated Circuit
	IF	: Intermediate Frequency
	INS	: Insertion
	IR	: Infrar Red

K	KIL	: Killer
---	-----	----------

L	L	: Low, Left, Coil
	LIM	: Limit
	LM	: Loading Motor
	LP	: Long Play
	LPF	: Low Pass Filter

M	MA	: Movie Advance
	MAX	: Maximum
	MIN	: Minimum
	MIX	: Mixer, Mixing
	MMV	: Monostable Multivibrator
	MOD	: Modulation, Modulator
	MPX	: Multiplex
	M/T or MTR	: Motor

N	NC	: None Connection
	NC or NOICAN	: Noise Canceller
	NL	: None linear
	NR	: Noise Reduction

O	OSC	: Oscillator, Oscillation
	OSD	: On Screen Display
	OSP	: On Screen Program
	OTR	: One Touch Record

P	P-P	: Peak-to-Peak
	PB	: Playback
	PC	: Photo Coupler
	PCB	: Printed Circuit Board
	PG	: Phase Generator

PIC : Picture
PIF : Picture Intermediate Frequency
PLL : Phase Locked Loop
PS : Phase Shift
PWM : Pulse Width Modulator
PWR : Power

Q Q : Transistor
QV : Quasi Vertical

R R : Resistor, Right
REC : Recording
REF : Reference
REG : Regulated, Regulator
REMOCON : Remote Control (Unit)
REV : Reverse
REW : Rewind
RF : Radio Frequency
ROT : Rotary

S SEP : Separation
SHARP : Sharpness
SI or S IN : Serial Input
SO or S OUT : Serial Output
SP : Standard Play
STB : Strobe
SVC : Service
SW or S/W : Switch or Switching Pulse
SYNC : Synchronization
SYSCON : System Control

T TJ : Test Jump
TP : Test Pin
TR : Transistor
TRANS : Transformer
TRK : Tracking
TU : Tuner

U UHF : Ultra High Frequency

V V : Volt, Vertical
V-SYNC : Vertical Synchronization
VCA : Voltage Controlled Adjustor
VCO : Voltage Controlled Oscillator
VCR : Video Cassette Recorder
VD : Vertical Drive
VERT : Vertical
VGC : Voltage Gain Control
VHF : Very High Frequency
VR : Variable Resistor or Volume

W W : Watt
W/D : White and Dark
WF : Wave Form
WHT : White

X X-TAL : Crystal

Y Y FM : Luminance FM Signal
Y Y/C : Luminance/Chrominance

SPECIFICATIONS

Power Input	:120 Volts AC 60Hz	audio Input	: -8.8dBm
Power Consumption	:95Watts	Audio output (common use of DVD and VCR)	: Audio output terminal (2 kinds): -8.8dBm(VCR), 2.0Vrms(DVD)
Operating Temperature	:5 degree C to 35 degree C (41 degree F to 95 degree F)	Audio output (DVD only)	: Analogue Audio output(2CH):2.0Vrms
Storage Temperature	: -30 degree C to 65 degree C (-22 degree F to 149 degree F)	Audio Input Impedance	: More than 47k ohm
Installation condition	:Horizontal / Relative humidity under 80%	Audio Output Impedance	: Less than 1.5k ohm
Weight	: 6.45 kg (NET)	VHF output	: 3 or 4 CH
Dimensions	: 430mm Wide X 91mm High X 355.5mm Deep	Playable tape	: Very high dense tapes with VHS marks
Recording System		Playable disc	: DVD,VIDEO-CD,CD(12mm) CD(8mm),MP3,CD-R,CD-RW
4-head Hi Fi	: Four video record/playback heads Rotary helical scan/luma: FM recording/chroma: converted subcarrier phase shifted recording Two audio record/playback heads Rotary helical scan, 2 channels FM recording	Tape Speed	: SP: 33.35mm/sec.
Received channels	:VHF: 2-13 CH / UHF: 14-69 CH / Cable: 1-125	SLP	: 11.12mm/sec.
Video Signal	: EIA standard; NTSC color	Maximum Recording Time:	T-60: 3 hours/SLP mode T120: 6 hours/SLP mode
Antenna	: 75 ohm input impedance	Fast Forward/Rewind Time:	<130sec (T-120 tape)
Video Signal Level	: 1Vp-p (140 IRE standard)	Tuning System	: Auto Program/Cable Compatible/Frequency Synthesis (FS)
Video output (common use of DVD and VCR):	VIDEO output terminal, 1Vp-p (140 IRE standard)	Clock display	: 12 hrs AM/PM
Video output (DVD only):	S-VIDEO output (75 ohm In load Y: 1Vp-p, C:0.286Vp-p) COMPONENT Progressive output (75 ohm In load Y:1Vp-p, Pb:0.7Vp-p Pr:0.7Vp-p)	Time Recording	: 8 programs a year
		Persistence in power failure	: 1 min
		Video S/N (VCR)	: Over 45dB(Standard recording)
		Resolution (VCR)	: Over 220 lines (Standard recording)
		Resolution (DVD)	: Over 500 lines (DVD Disc PLAY)
		Audio (VCR)	: Over 68dB(Hi-Fi),over 40dB(Mono)
		Audio (DVD)	: 100dB
		Audio dynamic range	: 70dB

Note : Specifications are subject to change without notice.

CLEANING AND LUBRICATION

Cleaning and Lubrication

A. Cleaning the Tape Transport System

The following parts should be cleaned after every 500 hours of use.

- TENSION POLE
- S-GUIDE POST
- FE HEAD
- S GUIDE ROLLER
- S-SLANT POLE
- VIDEO HEAD/DRUM
- T-SLANT POLE
- T-GUIDE ROLLER
- AC HEAD/AE HEAD
- T-GUIDE POST
- CAPSTAN SHAFT
- PINCH ROLLER

Note: After cleaning with alcohol, allow the parts to dry thoroughly before using a cassette tape.

B. Cleaning the Drive System

The following parts should be cleaned after every 500 hours of use.

- REEL TABLE
- T MAIN BRAKE
- S MAIN BRAKE
- T MAIN BRAKE
- CAPSTAN FLYWHEEL/PULLEY
- REEL PULLEY

C. Lubrication points

The following parts should be cleaned and lubricated after every 500 hours of use. Apply one (1) or two (2) drops of oil. Refer to the "Replacement Parts List" for the stock number of the recommended oil.

- S REEL TABLE POST
- T REEL TABLE POST
- IDLER PULLEY

TEST EQUIPMENT REQUIREMENTS

AC Millivolt Meter

Sensitivity: 1.0mVAC–400VAC

Dual-Trace Triggered Oscilloscope–with Lo–Cap (X10) and Direct Probes.

Response: DC–20MHz

Sensitivity: 5mV/div.

Max. Sweep Rate: 0.1μsec./div.

Frequency Counter–7 digits

Sensitivity: 25mV-5V

Range: 50Hz–100MHz

DVM

Range: 0.1VDC–1000VD

Accuracy: 0.5%

NTSC Video Signal Generator–Must provide 1V p-p negative sync video across a 75 ohm load and produce standard NTSC 75% saturated color bars with a 100% white window.

DC Power Supply

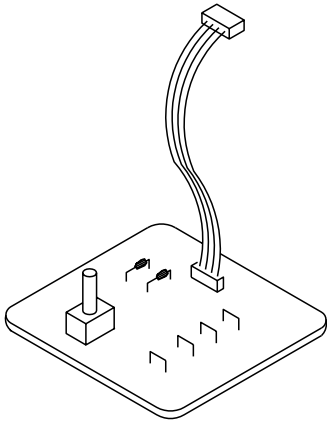
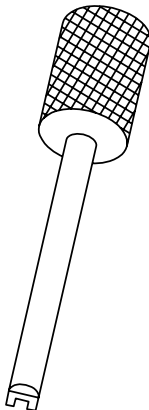
Range: 0-50V, 2A well filtered.

Temperature Controlled Soldering Station–Grounded tip (Tip temperature: 500°F-600°F).

Note: 500 °F Maximum for leadless components.

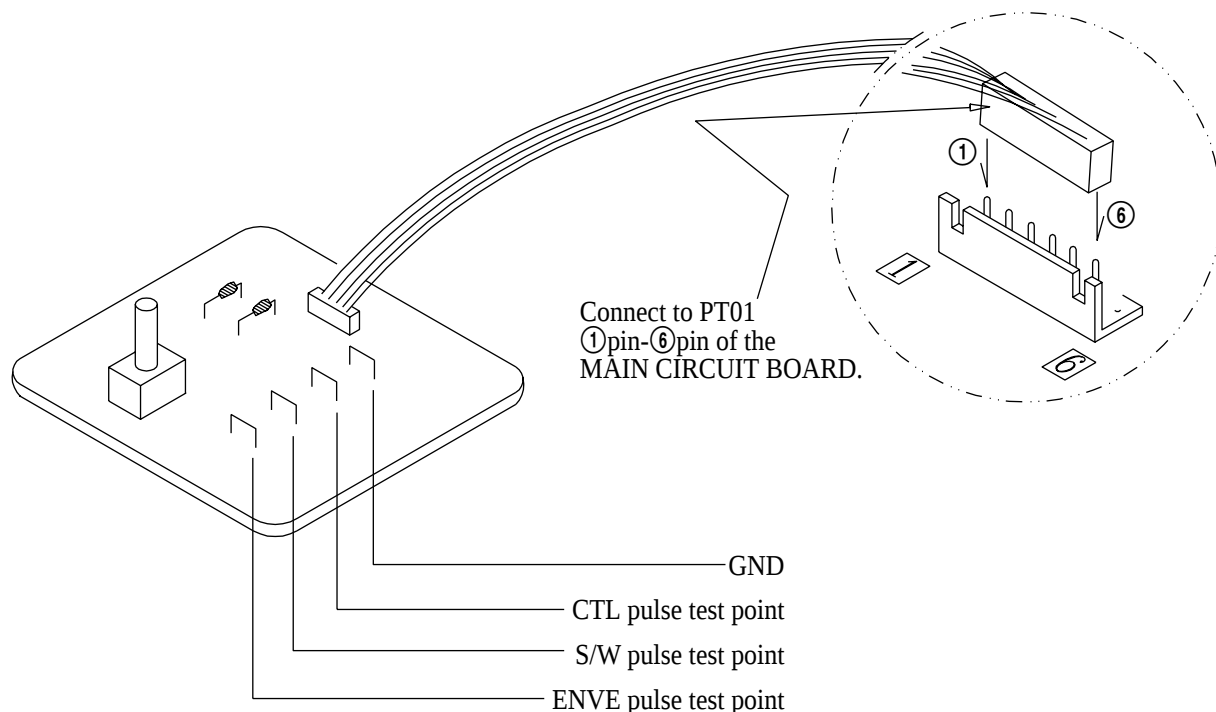
AC Variac–Continuously variable.

THE SERVICE FIXTURE

FIXTURE ITEM	DESCRIPTION	
Path Adj Fixture	Use for X-position adjust/Tape path alignment	
Special Driver	Use for X-position adjust/Tape path alignment	
Path Adj Fixture 		Special Driver 

PATH FIXTURE CONNECTION/TEST POINT IDENTIFICATION

Refer to the adjustment of the tape transporting system.



LEADLESS (CHIP) COMPONENT REMOVAL INSTRUCTION

• The following procedures are recommended for the replacement of the leadless components used in this unit.

1. Preparation for replacement

- Soldering Iron**
Use a pencil-type soldering iron that uses less than 30 watts.
- Solder**
Eutectic solder (Tin 63%, Lead 37%) is recommended.
- Soldering time**
Do not apply heat more than 4 seconds.
- Preheating**
Leadless capacitor must be preheated before installation.
(130°C~150°C, for about two minutes).

Note:

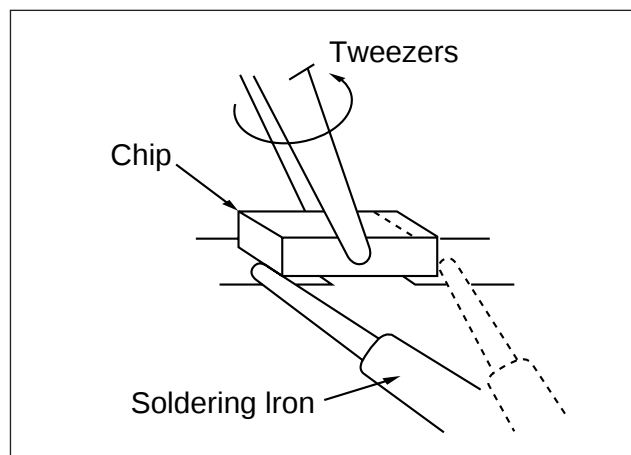
- Leadless component must not be reused after removal.
- Excessive mechanical stress and rubbing of the component electrode must be avoided.

2. Removing the leadless component (Resistors, Capacitors)

Grasp the leadless component body with tweezers and alternately apply heat to both electrodes. When the solder on both electrodes is melted, remove leadless component with a twisting motion.

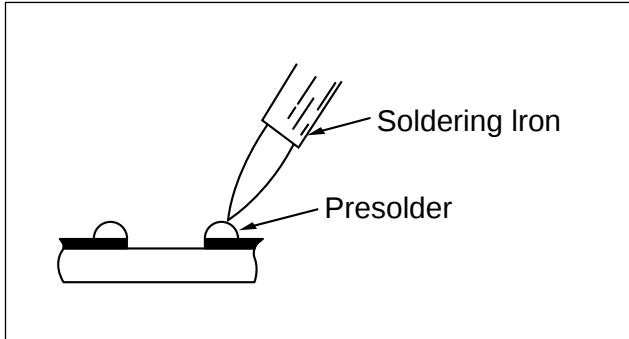
Note:

- Do not attempt to lift the component off the board until the component is completely disconnected from the board by a twisting action.
- Take care not to break the copper foil on printed board.



3. Installing the Leadless (chip) Component

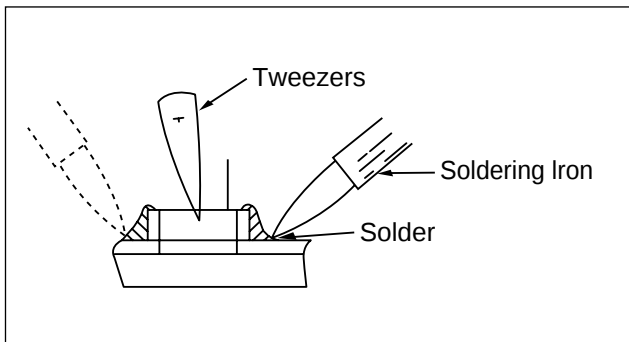
- a. Presolder the contact points of the circuit board.



- b. Press the part downward with tweezers and solder both electrodes as shown below.

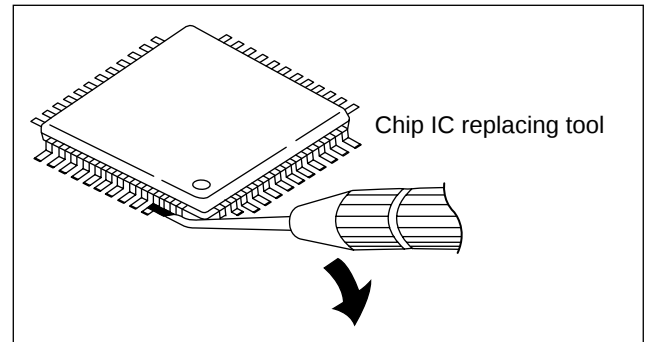
Note:

Do not glue the replacement leadless component to the circuit board.



4. Removing of Flat ICs (Recommended procedure)

- a. For removing solder chips from IC's pins, use a solder remover or a wiry solder absorber.
- b. Heat the IC's tips evenly by moving the chip IC replacing tool around them, and detach the IC's leads with a tool in the way of using a lever.
- c. Do not reuse ICs removed once (Discard them)



LEADLESS (CHIP) COMPONENT IDENTIFICATION

1. Check the followings before S.M.D Troubleshooting

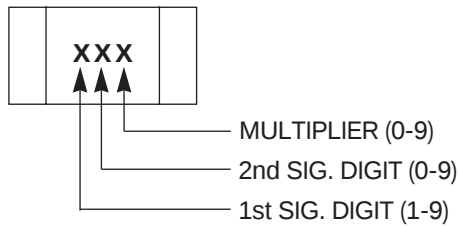
- Cracked or Chipped Component Body
- Cracked or Separated Solder Joints
- Peeling end Terminations or Fractured Leads

- Rejection of Solder from Copper Pads or Component
- Foreign Matter on Copper Pads
- Solder Bridges

2. S. M. D (Surface Mounted Devices) Identification

a. Chip Resistor Identification

* Standard Chip Resistor Code



b. Chip Capacitor Identification

There is no identification of chip capacitor

REMARK Leadless (CHIP) Components are identified on schematic by means of "(C)" adjacent to symbol numbers.

Examples

	123		$= 12 \times 10^3 (1000) = 12000\Omega$ $= 12K\Omega$
	470		$= 47 \times 10^0 (1) = 47\Omega$

1. DESCRIPTION OF THE MECHANISM

1.1 Characteristic of T6-DECK MECHANISM

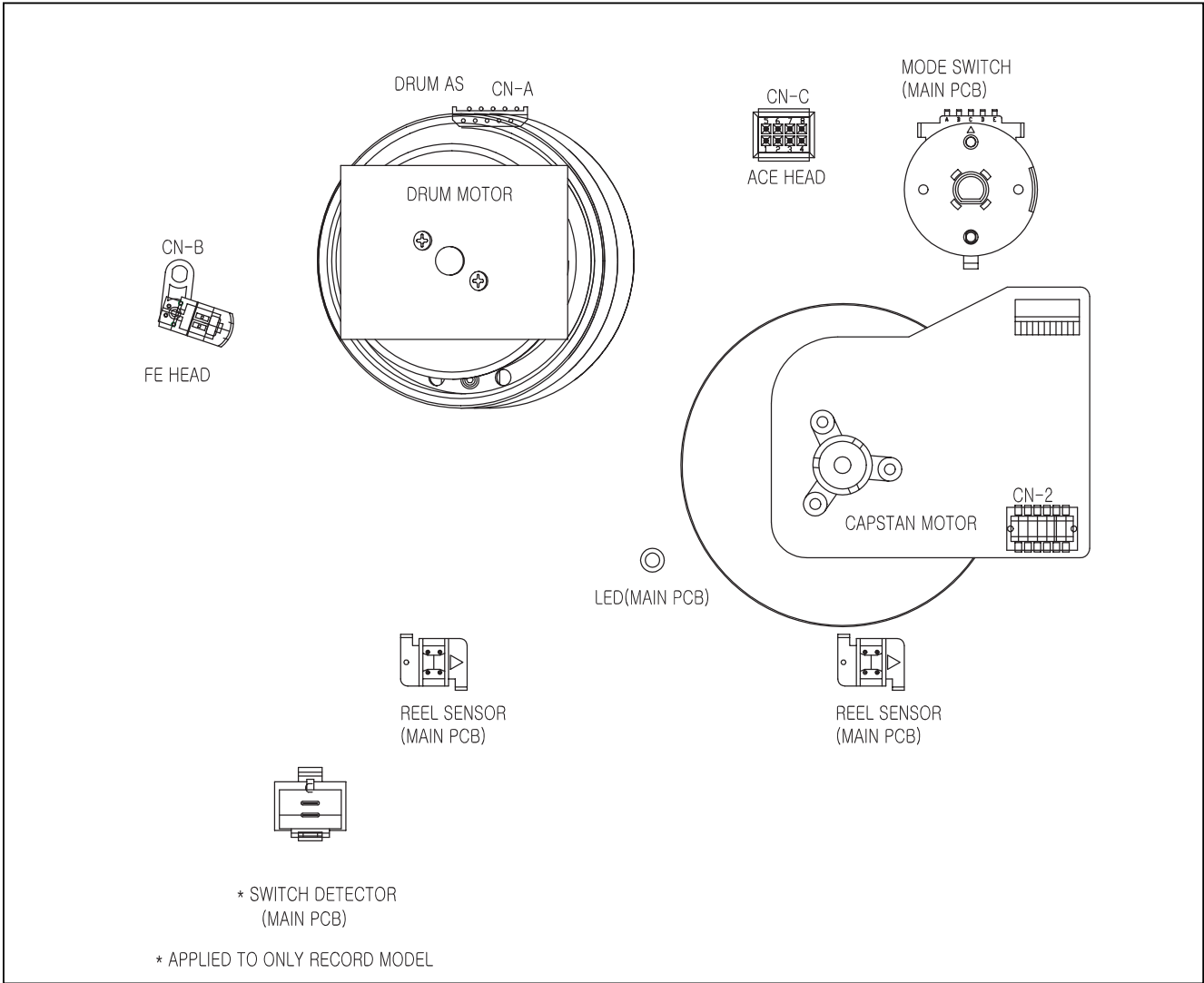
- 1) T6-MECHA follows the VHS and the NTSC standard.
- 2) T6-MECHA uses 3 MOTORS (DRUM MOTOR, CAPSTAN MOTOR, L/C MOTOR).
- 3) T6-MECHA uses L/C Motor to drive FRONT LOADING.
- 4) T6-MECHA uses 4-BIT MODE signal to recognize each MODE.

This 4-BIT MODE signal is generated from the cam switch driven by the L/C MOTOR.

- 5) T6-MECHA has 7MODES (EJECT/INITIAL/REV/IDLE/PLAY,STOP,SLOW/BRAKE/FF&REW) operation.
- 6) T6-MECHA deduce the MODE changing time by adopting the full loading system which maintains the tape winding the drum circumference.
- 7) T6-MECHA can be separated from the main pcb, and be assembled with B-B type connector. This B-B type connectioning means that CAPSTAN MOTOR, LC MOTOR, AC HEAD, FE HEAD, DRUM are connected directly without using connector cable.

1.2 WIRE DIAGRAM

1.2.1 WIRE DIAGRAM



1.2.2 CONNECTOR PIN ARRANGEMENT

CN-A			CN-B			CN-C			CN-2		
4HEAD Hi-Fi		1	AFM-L	1	FE HEAD	1	AE HEAD	1	1	C-FG	
		2	AFM COMM	2	FE HEAD	2	CTL(-)	2	2	Vcc1(CAP)	
		3	AFM-R			3	GND	3	3	Vcc(5V)	
	2HEAD MONO	4	SL-L			4	CTL(+)	4	4	F/R	
		5	SP COMM			5	A.HEAD(PB)	5	5	V LIM	
		6	SP-R			6	LM(+)	6	6	M-GND	
		7	GND			7	A.HEAD(REC)	7	7	S-GND	
	4HEAD MONO	8	EP-R			8	LM(-)	8	8	Vco2(D&L)	
		9	EP COMM					9	9	C-VctI	
		10	EP-L					10	10	L-in	
								11	11	D-PG.FG	
								12	12	D-VctI	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
1	265596	TOP COVER	CABINET ASSEMBLY	RTD300		97P0482110	
10	265687	DVD MECHANISM W/ SERV/MPEG PCB	DVD ASSEMBLY	RTD300		97QD020200	
11	265602	DVD DOOR	CABINET ASSEMBLY	RTD300		97PB253300	
16	265692	CIRCUIT, SMPS	POWER SUPPLY ASSEMBLY	RTD300	S	97PD203300	
19	265630	FRONT BEZEL	CABINET ASSEMBLY	RTD300		97PP328210	
21	265595	BOTTOM COVER	CABINET ASSEMBLY	RTD300		97P0482204	
A0041	N/S/P	SCREW TAPTITE TT2 BIN 3X8 BK	CABINET ASSEMBLY	RTD300		7173300812	
A0042	N/S/P	SCREW TAPTITE TT2 FLT 3X8 BSNI	CABINET ASSEMBLY	RTD300		7175300865	
A0051	265598	FOOT CUSHION	CABINET ASSEMBLY	RTD300		97P4220200	
A0052	DISCON_STK	SCREW	CABINET ASSEMBLY	RTD300		7174300811	
A0053	DISCON_STK	SCREW	CABINET ASSEMBLY	RTD300		7174300811	
A006	N/S/P	EARTH BOTTOM SUS 304CSP T0.2	CABINET ASSEMBLY	RTD300		97P0991200	
A006A	N/S/P	PLATE EARTH COAXIAL SUS 304 CSP T0.15	CABINET ASSEMBLY	RTD300		97P0992300	
A006B	DISCON_STK	SCREW	CABINET ASSEMBLY	RTD300		7174300811	
A0100	N/S/P	MAIN BASE AS T4.5-MECHA	VCR ASSEMBLY	RTD300		97SA332200	
A0101	DISCON_STK	SCREW 2.6X7	VCR ASSEMBLY	RTD300		97S3102000	
A013	265631	OVERLAY FOR A/V JACKS	CABINET ASSEMBLY	RTD300		97P0993000	
A0200	248349	LEVER, S GUIDE ASY	VCR ASSEMBLY	RTD300		97SA316500	
A0300	248350	LEVER, T GUIDE ASY	VCR ASSEMBLY	RTD300		97SA316600	
A0400	265629	CAPSTAN MOTOR	VCR ASSEMBLY	RTD300		97S8104200	
A040A	N/S/P	CUSHION TOP EVA 20X14	CABINET ASSEMBLY	RTD300		97P4219500	
A040B	N/S/P	CUSHION TOP PLATE EVA(SOFT) T=1 175*8	CABINET ASSEMBLY	RTD300		97P4219700	
A0600	248353	HEAD, AC ASY	VCR ASSEMBLY	RTD300		97SA320500	
A0601	N/S/P	SCREW MACHINE BIN 3X5 MFZN	VCR ASSEMBLY	RTD300		7003300511	
A080	N/S/P	CLAMP WIRE A NYLON 66	CABINET ASSEMBLY	RTD300		47P1503600	
A1000	248354	ARM, LOADING ASY (L)	VCR ASSEMBLY	RTD300		97SA316800	
A1100	248355	ARM, LOADING ASY (R)	VCR ASSEMBLY	RTD300		97SA316900	
A1200	257436	BRACKET RACK LOADING	VCR ASSEMBLY	RTD300		97S2709510	
A1201	248357	SCREW	VCR ASSEMBLY	RTD300		7008301911	
A1400	253266	BRACKET DECK ASY	VCR ASSEMBLY	RTD300		97S0904310	
A1500	253267	REEL ASY	VCR ASSEMBLY	RTD300		97SA319410	
A1501	N/S/P	SCREW TAPPTITE TT3 BIN 3X5 MFZN	VCR ASSEMBLY	RTD300		7273300511	
A1700	235630	BELT, REEL	VCR ASSEMBLY	RTD300		97S5500400	
A1800	248360	LEVER, RELAY	VCR ASSEMBLY	RTD300		97S2623200	
A1900	248361	RACK, FL	VCR ASSEMBLY	RTD300		97S2709600	
A2000	248362	GEAR, CAM	VCR ASSEMBLY	RTD300		97S2708200	
A2100	253269	PINCH LEVER TOP	VCR ASSEMBLY	RTD300		97SA317150	
A2200	257437	BRACKET ASY	VCR ASSEMBLY	RTD300		97SA318050	
A2201	N/S/P	SCREW TAPPTITE TT3 BIN 3X6 MFZN	VCR ASSEMBLY	RTD300		7273300611	
A2400	253270	IDLER PLATE	VCR ASSEMBLY	RTD300		97SA317310	
A2401	229769	WASHER	VCR ASSEMBLY	RTD300		97S3108200	
A2600	248368	REEL	VCR ASSEMBLY	RTD300		97S2909400	
A2700	248370	LEVER, TENSION ASY	VCR ASSEMBLY	RTD300		97SA317200	
A2800	248375	BRAKE, S ASY	VCR ASSEMBLY	RTD300		97SA317400	
A2900	253271	BRAKE ASY	VCR ASSEMBLY	RTD300		97SA317510	
A3000	257438	HEAD FE	VCR ASSEMBLY	RTD300		97S8023700	
A3001	DISCON_STK	SCREW	VCR ASSEMBLY	RTD300		7274300811	
AD001	265603	VIDEO HEAD/CYLINDER ASSEMBLY	VCR ASSEMBLY	RTD300		97PA296001	
AD002	N/S/P	SCREW MACHINE BIN 3X5 MFZN	VCR ASSEMBLY	RTD300		7003300511	
AF001	265604	FRONT LOAD ASSEMBLY	VCR ASSEMBLY	RTD300		97SA261070	
AF002	N/S/P	SCREW TAPPTITE TT3 BIN 3X5 MFZN	VCR ASSEMBLY	RTD300		7273300511	
AJ01A	N/S/P	SCREW TAPTITE TT2 BIN 3X8 BK	CABINET ASSEMBLY	RTD300		7173300812	
AL06	265598	FOOT CUSHION	FRONT PANEL ASSEMBLY	RTD300		97P4220200	
AN002	N/S/P	GREASE DELUXE 5221G(NAM-YOUNG)	VCR ASSEMBLY	RTD300		2291131304	
ANTENNA	265531	ANTENNA, AM	INCLUDED ACCESSORIES	RTD300		97P6800200	
ANTENNA	265532	ANTENNA, FM	INCLUDED ACCESSORIES	RTD300		97P6800100	
AP01A	N/S/P	SCREW TAPPTITE TT2 RND 3*8 MFZN	CABINET ASSEMBLY	RTD300		7173300811	
AZ01A	N/S/P	SCREW TAPPTITE TT2 RND 3*8 MFZN	CABINET ASSEMBLY	RTD300		7173300811	
AZ03A	DISCON_STK	SCREW, 3MMD X 10MM	CABINET ASSEMBLY	RTD300		7174301011	
B0610	N/S/P	HEAD A/C HVMXA1101A(ALPS)	VCR ASSEMBLY	RTD300		97SA326800	
B1910	N/S/P	PINCH ROLLER AS D15(DAEJIN D2.6*D7*T4.5)	VCR ASSEMBLY	RTD300		97SA481050	
B2040	265592	CONNECTOR, 6-PIN	VCR ASSEMBLY	RTD300		97P885X146	
B701	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
BF241	265626	BEAD, 600 OHM	POWER AMP ASSEMBLY	RTD300		HLB601M01B	
BF242	265626	BEAD, 600 OHM	POWER AMP ASSEMBLY	RTD300		HLB601M01B	
BF243	265626	BEAD, 600 OHM	POWER AMP ASSEMBLY	RTD300		HLB601M01B	
BF244	265626	BEAD, 600 OHM	POWER AMP ASSEMBLY	RTD300		HLB601M01B	
BF245	265626	BEAD, 600 OHM	POWER AMP ASSEMBLY	RTD300		HLB601M01B	
BF246	265626	BEAD, 600 OHM	POWER AMP ASSEMBLY	RTD300		HLB601M01B	
C101	265591	CAP LYTC 470UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A471V	
C102	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C103	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C104	156245	CAPCD .022UF Z 25V	MAIN BOARD ASSY	RTD300		CBZF1E223Z	
C105	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C106	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C107	257416	CAPCC 50V 8 PF	MAIN BOARD ASSY	RTD300		HCQK809DBA	
C108	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C108A	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C109	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C110	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
C111	265560	CAP LYTC 22UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H220V	
C113	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C117	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C118	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C120	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C121	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C123	265591	CAP LYTC 470UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A471V	
C132	265591	CAP LYTC 470UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A471V	
C138	265591	CAP LYTC 470UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A471V	
C142	253212	CAPCC 200PF 50V 5%	MAIN BOARD ASSY	RTD300		HCQK201JBA	
C148	265591	CAP LYTC 470UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A471V	
C149	265591	CAP LYTC 470UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A471V	
C200	265591	CAP LYTC 470UF 10V	POWER AMP ASSEMBLY	RTD300		CEXF1A471V	
C201	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C202	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C203	265550	CAP CC .0027UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK272KBA	
C204	265551	CAP CC 680PF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK681KBA	
C206	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C208	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C209	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C210	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C210	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C211	265563	CAP LYTC 220UF 6.3V	POWER AMP ASSEMBLY	RTD300		CEXE0J221S	
C212	265563	CAP LYTC 220UF 6.3V	POWER AMP ASSEMBLY	RTD300		CEXE0J221S	
C212	178842	CAP LYTC 4.7UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H479A	
C213	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C214	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C215	265563	CAP LYTC 220UF 6.3V	POWER AMP ASSEMBLY	RTD300		CEXE0J221S	
C216	265543	CAP CC 470PF 50V	MAIN BOARD ASSY	RTD300		HCQK471JBA	
C216	265563	CAP LYTC 220UF 6.3V	POWER AMP ASSEMBLY	RTD300		CEXE0J221S	
C217	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C217	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C218	193043	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470V	
C219	253199	CAP POLY.015MF 100V 5%	MAIN BOARD ASSY	RTD300		CMXM2A153J	
C220	253200	CAPCC 390PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK391KBA	
C221	265542	CAP CC 39PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK390JBA	
C221	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C222	265542	CAP CC 39PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK390JBA	
C223	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C223	178842	CAP LYTC 4.7UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H479A	
C227	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C228	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C231	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C231	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C232	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C232	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C233	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C234	265544	CAP CC 47PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK470JBA	
C234	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C235	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C236	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C237	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C238	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C239	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C240	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C240	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C241	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C241	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C242	265549	CAP CC .0012UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK122KBA	
C242	253206	CAPCC 1000PF 50V X7R 10%	POWER AMP ASSEMBLY	RTD300		HCBK102KBA	
C243	265549	CAP CC .0012UF 50V X7R	POWER AMP ASSEMBLY	RTD300		HCBK122KBA	
C243	265549	CAP CC .0012UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK122KBA	
C244	265535	CAP CC 100PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK101JBA	
C245	265535	CAP CC 100PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK101JBA	
C246	265547	CAP CC .1MF 50V X7R	POWER AMP ASSEMBLY	RTD300		HCBK104KBA	
C247	265553	CAP LYTC 100UF 10V	POWER AMP ASSEMBLY	RTD300		CEXP1A101A	
C248	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C249	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C250	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C251	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C251	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C252	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C252	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C253	178842	CAP LYTC 4.7UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H479A	
C253	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C254	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C254	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C255	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C255	178842	CAP LYTC 4.7UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H479A	
C256	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
C256	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C257	265556	CAP LYTC 33UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C330A	
C257	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C258	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C258	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C259	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C259	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C260	265590	CAPCD .015UF K 50V	MAIN BOARD ASSY	RTD300		CCZB1H153K	
C261	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C262	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C263	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C264	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C265	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C266	188603	CAP LYTC .22MF 50V	MAIN BOARD ASSY	RTD300		CEXF1H228A	
C267	265545	CAP CC .015UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK153KBA	
C268	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C269	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C270	265556	CAP LYTC 33UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C330A	
C271	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C272	265563	CAP LYTC 220UF 6.3V	MAIN BOARD ASSY	RTD300		CEXE0J221S	
C273	178842	CAP LYTC 4.7UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H479A	
C274	265534	CAP .047MF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H473Z	
C275	265558	CAP LYTC 3.3MF 50V	MAIN BOARD ASSY	RTD300		CEXF1H339A	
C276	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C277	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C278	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C279	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C280	265550	CAP CC .0027UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK272KBA	
C281	152242	CAP LYTC 2.2MF 50V	MAIN BOARD ASSY	RTD300		CEXF1H229A	
C282	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C283	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C284	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C285	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C286	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C288	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C289	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C290	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C291	253201	CAPCC 5600PF X7R 50V 10%	MAIN BOARD ASSY	RTD300		HCBK562KBA	
C292	265546	CAP CC .022UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK223KBA	
C293	265558	CAP LYTC 3.3MF 50V	MAIN BOARD ASSY	RTD300		CEXF1H339A	
C294	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C297	265550	CAP CC .0027UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK272KBA	
C299	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C300	265562	CAP LYTC 2200UF 50V	POWER AMP ASSEMBLY	RTD300		CEXF1H222C	
C301	265553	CAP LYTC 100UF 10V	POWER AMP ASSEMBLY	RTD300		CEXP1A101A	
C301	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C302	253200	CAPCC 390PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK391KBA	
C302	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C303	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C303	187815	CAPCD .1UF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H104Z	
C304	265537	CAP CC 180PF 50V	MAIN BOARD ASSY	RTD300		HCQK181JBA	
C304	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C305	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C305	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C306	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C306	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C307	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C307	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
C308	265552	CAP TANT 1UF 50V	POWER AMP ASSEMBLY	RTD300		HCTDK109MC	
C308	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C309	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C309	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C310	265552	CAP TANT 1UF 50V	POWER AMP ASSEMBLY	RTD300		HCTDK109MC	
C311	265547	CAP CC .1MF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK104KBA	
C311	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C312	265559	CAP LYTC 1000UF 50V	POWER AMP ASSEMBLY	RTD300		CEXF1H102V	
C312	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C313	265541	CAP CC 330PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK331JCA	
C313	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
C314	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C314	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C315	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C315	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C316	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C316	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C317	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C317	186999	CAPCD .01UF M 16V	MAIN BOARD ASSY	RTD300		CBZP1C103M	
C318	265564	CAP .47MF 63V J	POWER AMP ASSEMBLY	RTD300		CMXL1J474J	
C318	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C320	265541	CAP CC 330PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK331JCA	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
C321	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C322	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C322	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C323	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C323	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C324	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C324	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C325	156245	CAPCD .022UF Z 25V	MAIN BOARD ASSY	RTD300		CBZF1E223Z	
C326	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
C326	265564	CAP .47MF 63V J	POWER AMP ASSEMBLY	RTD300		CMXL1J474J	
C327	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C328	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C329	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C330	265559	CAP LYTC 1000UF 50V	POWER AMP ASSEMBLY	RTD300		CEXF1H102V	
C330	265534	CAP .047MF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H473Z	
C331	265534	CAP .047MF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H473Z	
C331	265553	CAP LYTC 100UF 10V	POWER AMP ASSEMBLY	RTD300		CEXP1A101A	
C332	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C332	265534	CAP .047MF Z 50V	MAIN BOARD ASSY	RTD300		CCZF1H473Z	
C333	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C333	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C334	265552	CAP TANT 1UF 50V	POWER AMP ASSEMBLY	RTD300		HCTDK109MC	
C334	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C335	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C335	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C336	265552	CAP TANT 1UF 50V	POWER AMP ASSEMBLY	RTD300		HCTDK109MC	
C336	253204	CPACC 18PF 50V 5%	MAIN BOARD ASSY	RTD300		HCQK180JBA	
C337	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C337	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C338	265541	CAP CC 330PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK331JCA	
C338	265557	CAP LYTC .47UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H478A	
C339	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C339	186999	CAPCD .01UF M 16V	MAIN BOARD ASSY	RTD300		CBZP1C103M	
C340	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C340	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C341	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C341	186999	CAPCD .01UF M 16V	MAIN BOARD ASSY	RTD300		CBZP1C103M	
C342	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C342	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C343	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C343	265564	CAP .47MF 63V J	POWER AMP ASSEMBLY	RTD300		CMXL1J474J	
C344	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C345	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C346	265541	CAP CC 330PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK331JCA	
C347	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C348	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C349	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C350	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C352	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C353	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C354	265564	CAP .47MF 63V J	POWER AMP ASSEMBLY	RTD300		CMXL1J474J	
C360	265559	CAP LYTC 1000UF 50V	POWER AMP ASSEMBLY	RTD300		CEXF1H102V	
C361	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C362	265553	CAP LYTC 100UF 10V	POWER AMP ASSEMBLY	RTD300		CEXP1A101A	
C363	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C364	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C365	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C366	265552	CAP TANT 1UF 50V	POWER AMP ASSEMBLY	RTD300		HCTDK109MC	
C367	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C368	265552	CAP TANT 1UF 50V	POWER AMP ASSEMBLY	RTD300		HCTDK109MC	
C369	265548	CAP CC .1UF K 50V	POWER AMP ASSEMBLY	RTD300		HCBK104KCA	
C370	265541	CAP CC 330PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK331JCA	
C371	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C372	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C373	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C374	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C375	265564	CAP .47MF 63V J	POWER AMP ASSEMBLY	RTD300		CMXL1J474J	
C376	265541	CAP CC 330PF 50V	POWER AMP ASSEMBLY	RTD300		HCQK331JCA	
C377	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C378	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C379	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C380	230563	CAPCC .1UF Z 50V	POWER AMP ASSEMBLY	RTD300		HCFK104ZCA	
C382	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C383	257417	CAPCC 25V Y5V 0.1MF	POWER AMP ASSEMBLY	RTD300		HCFH104ZBA	
C384	265564	CAP .47MF 63V J	POWER AMP ASSEMBLY	RTD300		CMXL1J474J	
C403	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C404	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C405	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C406	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C603A	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
C604	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C608	265547	CAP CC .1MF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK104KBA	
C609	265547	CAP CC .1MF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK104KBA	
C610	265535	CAP CC 100PF 50V	MAIN BOARD ASSY	RTD300		HCQK101JBA	
C611	265535	CAP CC 100PF 50V	MAIN BOARD ASSY	RTD300		HCQK101JBA	
C612	253197	CAPCC 470PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK471KBA	
C613	265547	CAP CC .1MF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK104KBA	
C614	265547	CAP CC .1MF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK104KBA	
C615	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C616	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C617	253206	CAPCC 1000PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK102KBA	
C618	265546	CAP CC .022UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK223KBA	
C619	265546	CAP CC .022UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK223KBA	
C621	265546	CAP CC .022UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK223KBA	
C622	265546	CAP CC .022UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK223KBA	
C623	265563	CAP LYTC 220UF 6.3V	MAIN BOARD ASSY	RTD300		CEXE0J221S	
C624	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C625	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C626	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C627	186999	CAPCD .01UF M 16V	MAIN BOARD ASSY	RTD300		CBZP1C103M	
C628	253208	CAPCC 13PF 50V CH 5%	MAIN BOARD ASSY	RTD300		HCQK130JBA	
C629A	265535	CAP CC 100PF 50V	MAIN BOARD ASSY	RTD300		HCQK101JBA	
C630A	265535	CAP CC 100PF 50V	MAIN BOARD ASSY	RTD300		HCQK101JBA	
C631A	265539	CAP CC 24PF 50V	MAIN BOARD ASSY	RTD300		HCQK240JBA	
C651	253205	CAPCC 2200PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK222KBA	
C652	253206	CAPCC 1000PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK102KBA	
C653	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
C654	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C655	253206	CAPCC 1000PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK102KBA	
C656	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C657	265553	CAP LYTC 100UF 10V	MAIN BOARD ASSY	RTD300		CEXP1A101A	
C658	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C659	253205	CAPCC 2200PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK222KBA	
C660	253206	CAPCC 1000PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK102KBA	
C661	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C662	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
C663	248303	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470A	
C664	257415	CAPCC 25V Y5V 0.022MF	MAIN BOARD ASSY	RTD300		HCFH223ZBA	
C665	186999	CAPCD .01UF M 16V	MAIN BOARD ASSY	RTD300		CBZP1C103M	
C666	248303	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470A	
C667	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
C668	265550	CAP CC .0027UF 50V X7R	MAIN BOARD ASSY	RTD300		HCBK272KBA	
C701	265533	CAPCD 220PF K 50V	FRONT PANEL ASSEMBLY	RTD300		CCZB1H221K	
C702	265533	CAPCD 220PF K 50V	FRONT PANEL ASSEMBLY	RTD300		CCZB1H221K	
C703	186999	CAPCD .01UF M 16V	FRONT PANEL ASSEMBLY	RTD300		CBZP1C103M	
C704	198559	CAPCD 1000PF K 50V	FRONT PANEL ASSEMBLY	RTD300		CCZB1H102K	
C705	198559	CAPCD 1000PF K 50V	FRONT PANEL ASSEMBLY	RTD300		CCZB1H102K	
C720	186999	CAPCD .01UF M 16V	FRONT PANEL ASSEMBLY	RTD300		CBZP1C103M	
C721	193585	CAP LYTC 47UF 16V	FRONT PANEL ASSEMBLY	RTD300		CEXF1C470A	
C722	187815	CAPCD .1UF Z 50V	FRONT PANEL ASSEMBLY	RTD300		CCZF1H104Z	
C731	193588	CAP LYTC 10UF 16V	FRONT PANEL ASSEMBLY	RTD300		CEXF1C100A	
C851	193043	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470V	
C852	193043	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470V	
C853	193043	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470V	
C854	193043	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470V	
C855	193043	CAP LYTC 47UF 25V	MAIN BOARD ASSY	RTD300		CEXF1E470V	
C858	265561	CAP LYTC 47UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H470V	
CABLE	241906	CABLE, RF	INCLUDED ACCESSORIES	RTD300		97P880RN10	
CABLE	265570	CABLE, RCA: L/R AUDIO + VIDEO	INCLUDED ACCESSORIES	RTD300		97P880P815	
CD01	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
CD02	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD03	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD04	265538	CAP CC 220PF 50V	MAIN BOARD ASSY	RTD300		HCQK221JBA	
CD05	253197	CAPCC 470PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK471KBA	
CD06	253197	CAPCC 470PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK471KBA	
CD07	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD08	253212	CAPCC 200PF 50V 5%	MAIN BOARD ASSY	RTD300		HCQK201JBA	
CD09	253241	CAPCC 2200PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK182KBA	
CD10	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD11	265538	CAP CC 220PF 50V	MAIN BOARD ASSY	RTD300		HCQK221JBA	
CD12	253197	CAPCC 470PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK471KBA	
CD13	253197	CAPCC 470PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK471KBA	
CD14	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD15	253212	CAPCC 200PF 50V 5%	MAIN BOARD ASSY	RTD300		HCQK201JBA	
CD16	253241	CAPCC 2200PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK182KBA	
CD17	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD18	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD19	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
CD20	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD21	265540	CAP CC 330PF 50V	MAIN BOARD ASSY	RTD300		HCQK331JBA	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
CD22	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
CD23	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
CD26	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD27	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD28	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD29	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD30	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
CD33	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD34	265536	CAP CC 10PF 50V	MAIN BOARD ASSY	RTD300		HCQK100JBA	
CD37	265536	CAP CC 10PF 50V	MAIN BOARD ASSY	RTD300		HCQK100JBA	
CD38	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD41	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD42	265536	CAP CC 10PF 50V	MAIN BOARD ASSY	RTD300		HCQK100JBA	
CD43	253205	CAPCC 2200PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK222KBA	
CD44	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD45	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD46	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD47	265536	CAP CC 10PF 50V	MAIN BOARD ASSY	RTD300		HCQK100JBA	
CD48	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD49	253205	CAPCC 2200PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK222KBA	
CD50	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD51	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD52	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CD53	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
CD54	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD55	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CD56	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
CD69	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CD70	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CM34	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CM36	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CM56	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
CM57	193588	CAP LYTC 10UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C100A	
CM58	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CM59	265538	CAP CC 220PF 50V	MAIN BOARD ASSY	RTD300		HCQK221JBA	
CM60	265543	CAP CC 470PF 50V	MAIN BOARD ASSY	RTD300		HCQK471JBA	
CM61	265540	CAP CC 330PF 50V	MAIN BOARD ASSY	RTD300		HCQK331JBA	
CM62	195894	CAP LYTC 100UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A101V	
CM65	265555	CAP LYTC 22UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C220A	
CM66	265538	CAP CC 220PF 50V	MAIN BOARD ASSY	RTD300		HCQK221JBA	
CM67	265543	CAP CC 470PF 50V	MAIN BOARD ASSY	RTD300		HCQK471JBA	
CM68	265540	CAP CC 330PF 50V	MAIN BOARD ASSY	RTD300		HCQK331JBA	
CM69	195894	CAP LYTC 100UF 10V	MAIN BOARD ASSY	RTD300		CEXF1A101V	
CS05	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CS06	253197	CAPCC 470PF 50V X7R 10%	MAIN BOARD ASSY	RTD300		HCBK471KBA	
CS07	257417	CAPCC 25V Y5V 0.1MF	MAIN BOARD ASSY	RTD300		HCFH104ZBA	
CS08	253193	CAPCC .01MF 50V 10%	MAIN BOARD ASSY	RTD300		HCBK103KBA	
CS09	193585	CAP LYTC 47UF 16V	MAIN BOARD ASSY	RTD300		CEXF1C470A	
CS10	193586	CAP LYTC 1UF 50V	MAIN BOARD ASSY	RTD300		CEXF1H109A	
CS11	253212	CAPCC 200PF 50V 5%	MAIN BOARD ASSY	RTD300		HCQK201JBA	
D101	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D101A	265601	DIODE, ZENER: 7.5V	MAIN BOARD ASSY	RTD300		DZUZ7R5BSC	
D102A	265601	DIODE, ZENER: 7.5V	MAIN BOARD ASSY	RTD300		DZUZ7R5BSC	
D103	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D103A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D104A	265601	DIODE, ZENER: 7.5V	MAIN BOARD ASSY	RTD300		DZUZ7R5BSC	
D105	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D105A	265601	DIODE, ZENER: 7.5V	MAIN BOARD ASSY	RTD300		DZUZ7R5BSC	
D106A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D107	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D107A	265601	DIODE, ZENER: 7.5V	MAIN BOARD ASSY	RTD300		DZUZ7R5BSC	
D108A	265601	DIODE, ZENER: 7.5V	MAIN BOARD ASSY	RTD300		DZUZ7R5BSC	
D109	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D109A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D110A	241863	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ13BSB-	
D111	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D111A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D112	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D112A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D113	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D113A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D114	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D114A	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D223	198599	DIODE	POWER AMP ASSEMBLY	RTD300		DZN4004---	
D253	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D601	198599	DIODE	MAIN BOARD ASSY	RTD300		DZN4004---	
D602	198599	DIODE	MAIN BOARD ASSY	RTD300		DZN4004---	
D603	198599	DIODE	MAIN BOARD ASSY	RTD300		DZN4004---	
D604	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D605	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
D606	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D607	198589	DIODE	MAIN BOARD ASSY	RTD300		DZN4148---	
D705	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D706	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D707	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D708	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D709	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D710	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D711	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D720	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D721	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D722	265627	DIODE, LED	FRONT PANEL ASSEMBLY	RTD300		DSRM5670A-	
D723	265627	DIODE, LED	FRONT PANEL ASSEMBLY	RTD300		DSRM5670A-	
D731	241855	DIODE ZENER	FRONT PANEL ASSEMBLY	RTD300		DZUZ5R1BSB	
D732	265601	DIODE, ZENER: 7.5V	FRONT PANEL ASSEMBLY	RTD300		DZUZ7R5BSC	
D733	265601	DIODE, ZENER: 7.5V	FRONT PANEL ASSEMBLY	RTD300		DZUZ7R5BSC	
D734	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D735	265601	DIODE, ZENER: 7.5V	FRONT PANEL ASSEMBLY	RTD300		DZUZ7R5BSC	
D736	265601	DIODE, ZENER: 7.5V	FRONT PANEL ASSEMBLY	RTD300		DZUZ7R5BSC	
D737	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D738	265601	DIODE, ZENER: 7.5V	FRONT PANEL ASSEMBLY	RTD300		DZUZ7R5BSC	
D739	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D740	198589	DIODE	FRONT PANEL ASSEMBLY	RTD300		DZN4148---	
D851	198599	DIODE	MAIN BOARD ASSY	RTD300		DZN4004---	
D852	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
D853	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
D854	241863	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ13BSB-	
D855	198599	DIODE	MAIN BOARD ASSY	RTD300		DZN4004---	
D856	241855	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ5R1BSB	
D857	198599	DIODE	MAIN BOARD ASSY	RTD300		DZN4004---	
D858	241856	DIODE ZENER	MAIN BOARD ASSY	RTD300		DZUZ3R9BSA	
D859	265600	DIODE, ZENER: 33V	MAIN BOARD ASSY	RTD300		DZUZ33BSB-	
DVD ASSY	265687	DVD MECHANISM W/ SERV/MPEG PCB	DVD ASSEMBLY	RTD300		97QD020200	
E001	265621	JACK, HEADPHONE	FRONT PANEL ASSEMBLY	RTD300		97P6316100	
FOOT	265628	FOOT	CABINET ASSEMBLY	RTD300		97Q0804201	
FOOT	253259	CLIP	CABINET ASSEMBLY	RTD300		97P0800602	
G701	265599	DISPLAY	FRONT PANEL ASSEMBLY	RTD300		DHNA12SM56	
G701A	265605	HOLDER FOR FRONT DISPLAY	FRONT PANEL ASSEMBLY	RTD300		97P2348400	
G702	265686	SWITCH, ROTARY	FRONT PANEL ASSEMBLY	RTD300		5S10102001	
H701	265619	IC, REMOTE RECEIVER ORC-356HF6	FRONT PANEL ASSEMBLY	RTD300		10RC356HF6	
I301A	N/S/P	GREASE SILICON HC-300	POWER AMP ASSEMBLY	RTD300		2291130217	
I301B	N/S/P	HEAT SINK AMP AL T1.5	POWER AMP ASSEMBLY	RTD300		97P4408900	
I301C	DISCON_STK	SCREW	POWER AMP ASSEMBLY	RTD300		7174300811	
I330A	N/S/P	GREASE SILICON HC-300	POWER AMP ASSEMBLY	RTD300		2291130217	
I330B	N/S/P	HEAT SINK AMP AL T1.5	POWER AMP ASSEMBLY	RTD300		97P4408900	
I330C	DISCON_STK	SCREW	POWER AMP ASSEMBLY	RTD300		7174300811	
I360A	N/S/P	GREASE SILICON HC-300	POWER AMP ASSEMBLY	RTD300		2291130217	
I360B	N/S/P	HEAT SINK AMP AL T1.5	POWER AMP ASSEMBLY	RTD300		97P4408900	
I360C	DISCON_STK	SCREW	POWER AMP ASSEMBLY	RTD300		7174300811	
IC200	265609	IC, DDX-8000 TQFP	POWER AMP ASSEMBLY	RTD300		1DDX8000-Q	
IC210	265613	IC, 3V REGULATOR RC1117S33T	POWER AMP ASSEMBLY	RTD300		1RC1117S3C	
IC211	265612	IC, 2.5V REGULATOR RC1117S25C	POWER AMP ASSEMBLY	RTD300		1RC1117S2C	
IC220	265611	IC, W78E58BP	POWER AMP ASSEMBLY	RTD300		1W78E58B-P	
IC221	265616	IC, EEPROM CAT24WC08J	POWER AMP ASSEMBLY	RTD300		14CAT2408J	
IC222	265618	IC, S7142	POWER AMP ASSEMBLY	RTD300		1S7142----	
IC251	253561	IC AN3663	MAIN BOARD ASSY	RTD300		1AN3663---	
IC252	265614	IC, HEF4052B	MAIN BOARD ASSY	RTD300		1HEF4052BD	
IC301	265608	IC, POWER AMP: DDX2100-E	POWER AMP ASSEMBLY	RTD300		1DDX2100-E	
IC301	265606	IC, LA71207M	MAIN BOARD ASSY	RTD300		1LA71207M-	
IC330	265608	IC, POWER AMP: DDX2100-E	POWER AMP ASSEMBLY	RTD300		1DDX2100-E	
IC360	265608	IC, POWER AMP: DDX2100-E	POWER AMP ASSEMBLY	RTD300		1DDX2100-E	
IC401	265610	IC, HEF4053B	MAIN BOARD ASSY	RTD300		1HEF4053BD	
IC601	265617	IC, MICRO M37762M8A-8C6GP	MAIN BOARD ASSY	RTD300		168KT87DTS	
IC603	259394	IC EEPROM S-24C08ADP-01	VCR ASSEMBLY	RTD300		14SEK24D08	
IC701	265620	IC, PT6315	FRONT PANEL ASSEMBLY	RTD300		1PT6315--Q	
ICD01	265615	IC, CS4228A-KS	MAIN BOARD ASSY	RTD300		1CS4228A-B	
ICD02	265607	IC, KIA4558F	MAIN BOARD ASSY	RTD300		1K1A4558F-	
ICD03	265607	IC, KIA4558F	MAIN BOARD ASSY	RTD300		1K1A4558F-	
ICD04	259400	IC CHIP AMP NJM4580M	MAIN BOARD ASSY	RTD300		1NJM4580MC	
ICD05	265607	IC, KIA4558F	MAIN BOARD ASSY	RTD300		1K1A4558F-	
ICD06	265607	IC, KIA4558F	MAIN BOARD ASSY	RTD300		1K1A4558F-	
J200	265577	CONNECTOR, 6-PIN	POWER AMP ASSEMBLY	RTD300		97P885X194	
J210	265588	CONNECTOR, 5-PIN	POWER AMP ASSEMBLY	RTD300		97P62A09A5	
JK01A	N/S/P	PLATE EARTH A/V C5210(PBS) T0.2	FRONT PANEL ASSEMBLY	RTD300		97P0991600	
JK02A	N/S/P	PLATE EARTH A/V C5210(PBS) T0.2	FRONT PANEL ASSEMBLY	RTD300		97P0991600	
JK101	265623	JACK	VCR ASSEMBLY	RTD300		97P6318380	
JK102	259405	JACK PIN(CO) DPAM-0011	VCR ASSEMBLY	RTD300		97P6318050	
JK103	265622	JACK	VCR ASSEMBLY	RTD300		97P6318370	
JK104	259403	JACK PIN(S-VHS)DUAE-9812	VCR ASSEMBLY	RTD300		97P6318010	
JK200	265625	JACK	POWER AMP ASSEMBLY	RTD300		97P6318390	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
JK701	265624	JACK	FRONT PANEL ASSEMBLY	RTD300		97P6316900	
JP001	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP002	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP003	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP004	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP005	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP006	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP007	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP008	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP009	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP010	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP011	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP012	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP013	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP015	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP016	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP017	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP018	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP019	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP020	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP021	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP022	265633	RES CF 470 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z471JS	
JP023	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP024	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP025	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP026	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP027	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP028	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP029	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP030	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP031	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP032	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP033	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP034	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP035	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP036	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP037	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP038	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP039	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP040	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP041	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP042	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP043	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP044	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP045	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP046	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP047	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP048	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP049	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP050	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP051	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP052	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP053	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP054	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP055	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP056	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP057	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP058	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP059	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP060	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP061	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP062	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP063	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP064	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP065	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP066	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP067	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP068	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP070	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP071	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP072	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP073	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP074	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP075	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP076	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP077	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP078	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP080	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP081	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP082	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	

[illegible]

[illegible]

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
JP254	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP255	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP256	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP257	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP258	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP259	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP260	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP261	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP262	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP263	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP264	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP265	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP266	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP267	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP268	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP269	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP270	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP271	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP272	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP273	229680	RES CF 1/6W 5% 100R	MAIN BOARD ASSY	RTD300		RD-AZ101J-	
JP274	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP275	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP276	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP277	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP280	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP282	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP283	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP286	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP288	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP289	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP290	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP291	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP293	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP295	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP297	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP299	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP300	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP301	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP302	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP303	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP304	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP305	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP306	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP307	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP308	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP310	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP311	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP312	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP313	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP315	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP316	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP318	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP319	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP320	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP321	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP322	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP323	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP324	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP327	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP328	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP329	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP330	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP331	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP335	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP336	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP337	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP338	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP340	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP344	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP346	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP347	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP348	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP351	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP353	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP355	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP360	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP361	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP364	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP367	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP368	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
JP369	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP370	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP371	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP372	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP373	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP374	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP375	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP376	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP377	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP378	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
JP379	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP380	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP386	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP387	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP389	241930	CAP .65 TIN COATING	MAIN BOARD ASSY	RTD300		85801065GY	
JP701	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP702	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP704	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP705	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP706	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP707	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP708	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP709	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP710	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP711	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP712	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP713	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP714	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP715	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP716	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP717	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP718	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP719	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP720	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP721	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP722	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP723	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP724	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP725	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP726	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP727	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP728	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP729	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP730	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
JP731	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
L101	265573	COIL, 15UH	MAIN BOARD ASSY	RTD300		5CPX150J2T	
L103	265572	COIL, .68UH	MAIN BOARD ASSY	RTD300		5CPX688K2T	
L104	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L105	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L106	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
L107	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
L108	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
L109	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
L110	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
L111	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L201	253217	COIL PEAKING 220UH(REDBRNRN)	MAIN BOARD ASSY	RTD300		5CPX221J2T	
L202	257429	COIL 82UH	MAIN BOARD ASSY	RTD300		5CPX820J--	
L231	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L251	265574	COIL, 68UH	MAIN BOARD ASSY	RTD300		5CPX680J2T	
L252	265574	COIL, 68UH	MAIN BOARD ASSY	RTD300		5CPX680J2T	
L301	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L301	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L302	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L303	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L304	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L304	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L305	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L306	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L307	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L331	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L332	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L333	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L334	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L361	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L362	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L363	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L364	265571	COIL	POWER AMP ASSEMBLY	RTD300		56C181L001	
L399	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
L401	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
L601	253218	COIL PEAKING 12UH J	MAIN BOARD ASSY	RTD300		5CPX120J--	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
L701	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
L702	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
LD01	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LD02	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LD03	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LD04	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LD05	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LD06	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LD07	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LM34	241880	COIL	MAIN BOARD ASSY	RTD300		5CPX101J2T	
LS02	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
M011	DISCON_STK	SCREW, 3MMD X 10MM	CABINET ASSEMBLY	RTD300		7174301011	
M021	DISCON_STK	SCREW, 4MMD X 12MM	CABINET ASSEMBLY	RTD300		7173401211	
M022	DISCON_STK	SCREW, 3MMD X 12MM	CABINET ASSEMBLY	RTD300		7174301211	
M1000	N/S/P	DECK VCR AS(T50,F/L) DRN-B610R NON,F/L	VCR ASSEMBLY	RTD300		PVDKARNB66	
M200A	DISCON_STK	SCREW, 3MMD X 12MM	VCR ASSEMBLY	RTD300		7174301211	
P101	265594	CONNECTOR, 12-PIN	VCR ASSEMBLY	RTD300		97P62Y302C	
P101A	265575	CONNECTOR, 12-PIN	VCR ASSEMBLY	RTD300		97P885X192	
P102A	265566	CABLE, RIBBON 29-PIN 130MM	VCR ASSEMBLY	RTD300		97P88FAV13	
P103	265580	CONNECTOR, 7-PIN	VCR ASSEMBLY	RTD300		97P62G08E7	
P103A	265567	CABLE, RIBBON 7-PIN 140MM	VCR ASSEMBLY	RTD300		97P88FA714	
P120	265583	CONNECTOR, 29-PIN	VCR ASSEMBLY	RTD300		97P62G08EV	
P200	265580	CONNECTOR, 7-PIN	POWER AMP ASSEMBLY	RTD300		97P62G08E7	
P201	265593	CONNECTOR, 8-PIN	VCR ASSEMBLY	RTD300		97P62Y1318	
P201	265583	CONNECTOR, 29-PIN	POWER AMP ASSEMBLY	RTD300		97P62G08EV	
P202	248324	CONNECTOR	VCR ASSEMBLY	RTD300		97P62T14B2	
P301	265585	CONNECTOR, 10-PIN	VCR ASSEMBLY	RTD300		97P62G06DA	
P301	265582	CONNECTOR, 11-PIN	POWER AMP ASSEMBLY	RTD300		97P62G08EB	
P301A	248427	SHIELD, PREAMP CIRCUIT	VCR ASSEMBLY	RTD300		97P0478200	
P301A	265565	CABLE, RIBBON: 11-PIN 100MM	VCR ASSEMBLY	RTD300		97P88FAB10	
P602	265586	CONNECTOR, 21-PIN	VCR ASSEMBLY	RTD300		97P62G06DM	
P602A	265569	CABLE, RIBBON: 21-PIN 100MM	VCR ASSEMBLY	RTD300		97P88F1M10	
P603	265579	CONNECTOR, 12-PIN	VCR ASSEMBLY	RTD300		97P62J012C	
P701	265589	CONNECTOR, 21-PIN	FRONT PANEL ASSEMBLY	RTD300		97P62M13DM	
P702	265581	CONNECTOR, 9-PIN	FRONT PANEL ASSEMBLY	RTD300		97P62G08E9	
P702A	265568	CABLE, RIBBON 9-PIN 40MM	FRONT PANEL ASSEMBLY	RTD300		97P88FB904	
P703	265584	CONNECTOR, 9-PIN	FRONT PANEL ASSEMBLY	RTD300		97P62G09E9	
PJ102	265578	CONNECTOR, 6-PIN	VCR ASSEMBLY	RTD300		97P885X193	
PJ601	265576	CONNECTOR, 13-PIN	VCR ASSEMBLY	RTD300		97P885X195	
PT01	265587	CONNECTOR	VCR ASSEMBLY	RTD300		97P6269000	
PW01	259415	CORD POWER AC	CABINET ASSEMBLY	RTD300		97P69BY91A	
Q102	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q103	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q104	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q105	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q106	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q107	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q201	265688	TRANSISTOR, KRC104M	POWER AMP ASSEMBLY	RTD300		TZRC104M--	
Q201	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q202	265688	TRANSISTOR, KRC104M	POWER AMP ASSEMBLY	RTD300		TZRC104M--	
Q202	229735	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3202Y-	
Q203	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q204	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q205	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q206	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q257	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q258	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q259	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q260	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q301	245032	TRANSISTOR 2SA1037K	MAIN BOARD ASSY	RTD300		T2SA1037KB	
Q302	245033	TRANSISTOR	MAIN BOARD ASSY	RTD300		T2SC2412KB	
Q304	245033	TRANSISTOR	MAIN BOARD ASSY	RTD300		T2SC2412KB	
Q305	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
Q401	245032	TRANSISTOR 2SA1037K	MAIN BOARD ASSY	RTD300		T2SA1037KB	
Q601	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q851	230843	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3205Y	
Q852	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
Q853	230843	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3205Y	
Q854	230843	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3205Y	
QD03	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
QD06	245032	TRANSISTOR 2SA1037K	MAIN BOARD ASSY	RTD300		T2SA1037KB	
QM01	265689	TRANSISTOR, KTD1302	MAIN BOARD ASSY	RTD300		TZTD1302--	
QM02	265689	TRANSISTOR, KTD1302	MAIN BOARD ASSY	RTD300		TZTD1302--	
QM03	229736	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTC3198Y-	
QM04	229733	TRANSISTOR	MAIN BOARD ASSY	RTD300		TZTA1266Y-	
R101	253394	RES CHIP 1/16W 24K 5%	MAIN BOARD ASSY	RTD300		HRFS243JBA	
R102	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R103	265632	RES CF 1K 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z102JS	
R104	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R106	265633	RES CF 470 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z471JS	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
R107	265633	RES CF 470 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z471JS	
R108	253224	RES CHIP 1/16W 100R 5%	MAIN BOARD ASSY	RTD300		HRFS101JBA	
R109	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R110	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R111	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R112	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R114	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R115	265634	RES CF 75 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z750JS	
R118	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R119	265634	RES CF 75 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z750JS	
R121	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R122	265634	RES CF 75 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z750JS	
R123	265677	RES CMF 750 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS751JBA	
R1240	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R1241	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R1244	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R1245	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R125	265657	RES CF 1/6W 5% 75 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ750J-	
R126	265634	RES CF 75 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z750JS	
R127	265634	RES CF 75 OHMS 1/4W	MAIN BOARD ASSY	RTD300		RD-4Z750JS	
R128	253225	RES CHIP 1/16W 75R 5%	MAIN BOARD ASSY	RTD300		HRFS750JBA	
R130	265679	RES CMF 4.3K 1/16W	MAIN BOARD ASSY	RTD300		HRFS432JBA	
R131	265677	RES CMF 750 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS751JBA	
R158	253226	RES CHIP 1/16W 30K 5%	MAIN BOARD ASSY	RTD300		HRFS303JBA	
R201	253227	RES CHIP 1/16 9.1K 5%	MAIN BOARD ASSY	RTD300		HRFS912JBA	
R202	253227	RES CHIP 1/16 9.1K 5%	MAIN BOARD ASSY	RTD300		HRFS912JBA	
R203	253228	RES CHIP 1/16W 330K 5%	MAIN BOARD ASSY	RTD300		HRFS334JBA	
R204	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R204	253235	RES CHIP 1/16W 180R 5%	MAIN BOARD ASSY	RTD300		HRFS181JBA	
R205	253230	RES CHIP 1/16W 27K 5%	MAIN BOARD ASSY	RTD300		HRFS273JBA	
R205	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R206	253231	RES CHIP 1/16W 820R	MAIN BOARD ASSY	RTD300		HRFS821JBA	
R207	253279	RES CHIP 1/16W 33K OHM 5%	MAIN BOARD ASSY	RTD300		HRFS333JBA	
R208	265656	RES CF 1/6W 5% 6.2K	MAIN BOARD ASSY	RTD300		RD-AZ622J-	
R210	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R211	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R212	253243	RES CHIP 1/16W 8.2K 5%	MAIN BOARD ASSY	RTD300		HRFS822JBA	
R213	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R213	265649	RES CF 1/6W 5% 4.7K	MAIN BOARD ASSY	RTD300		RD-AZ472J-	
R214	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R215	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R216	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R217	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R218	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R220	253255	RES CHIP 1/16W 0 OHM	POWER AMP ASSEMBLY	RTD300		HRFS000-BA	
R220	253233	RES CHIP 1/16W 22K 5%	MAIN BOARD ASSY	RTD300		HRFS223JBA	
R221	265664	RES CMF 1M 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS105JBA	
R221	253235	RES CHIP 1/16W 180R 5%	MAIN BOARD ASSY	RTD300		HRFS181JBA	
R222	253234	RES CHIP 1/16W 10K 5%	POWER AMP ASSEMBLY	RTD300		HRFS103JBA	
R222	265674	RES CMF 560 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS561JBA	
R223	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R223	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R224	229680	RES CF 1/6W 5% 100R	MAIN BOARD ASSY	RTD300		RD-AZ101J-	
R224	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R225	253255	RES CHIP 1/16W 0 OHM	POWER AMP ASSEMBLY	RTD300		HRFS000-BA	
R225	253233	RES CHIP 1/16W 22K 5%	MAIN BOARD ASSY	RTD300		HRFS223JBA	
R226	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R226	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R227	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R227	253223	RESISTOR CHIP 1/16W 1K 5%	POWER AMP ASSEMBLY	RTD300		HRFS102JBA	
R228	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R230	253245	RES CHIP 1/16W 4.7K 5%	POWER AMP ASSEMBLY	RTD300		HRFS472JBA	
R231	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R231	253245	RES CHIP 1/16W 4.7K 5%	POWER AMP ASSEMBLY	RTD300		HRFS472JBA	
R232	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R233	253245	RES CHIP 1/16W 4.7K 5%	POWER AMP ASSEMBLY	RTD300		HRFS472JBA	
R233	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R234	253245	RES CHIP 1/16W 4.7K 5%	POWER AMP ASSEMBLY	RTD300		HRFS472JBA	
R234	265652	RES CF 1/6W 5% 470K	MAIN BOARD ASSY	RTD300		RD-AZ474J-	
R235	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R236	265666	RES CMF 20K 1/16W	MAIN BOARD ASSY	RTD300		HRFS203JBA	
R237	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R238	265666	RES CMF 20K 1/16W	MAIN BOARD ASSY	RTD300		HRFS203JBA	
R239	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R240	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R240	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R241	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R241	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R242	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R242	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
R243	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R243	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R244	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R244	265667	RES CMF 220 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS221JBA	
R245	265680	RES CMF 47 OHMS 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS470JBA	
R245	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R246	253224	RES CHIP 1/16W 100R 5%	POWER AMP ASSEMBLY	RTD300		HRFS101JBA	
R247	265676	RES CMF 6.8K 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS682JBA	
R248	265676	RES CMF 6.8K 1/16W	POWER AMP ASSEMBLY	RTD300		HRFS682JBA	
R249	253245	RES CHIP 1/16W 4.7K 5%	POWER AMP ASSEMBLY	RTD300		HRFS472JBA	
R253	265676	RES CMF 6.8K 1/16W	MAIN BOARD ASSY	RTD300		HRFS682JBA	
R254	265675	RES CMF 56K 1/16W	MAIN BOARD ASSY	RTD300		HRFS563JBA	
R255	265682	RES CMF 7.5K 1/16W	MAIN BOARD ASSY	RTD300		HRFS752JBA	
R256	265655	RES CF 1/6W 5% 56K	MAIN BOARD ASSY	RTD300		RD-AZ563J-	
R257	265676	RES CMF 6.8K 1/16W	MAIN BOARD ASSY	RTD300		HRFS682JBA	
R258	265675	RES CMF 56K 1/16W	MAIN BOARD ASSY	RTD300		HRFS563JBA	
R259	265682	RES CMF 7.5K 1/16W	MAIN BOARD ASSY	RTD300		HRFS752JBA	
R260	265655	RES CF 1/6W 5% 56K	MAIN BOARD ASSY	RTD300		RD-AZ563J-	
R263	265644	RES CF 1/6W 5% 24K	MAIN BOARD ASSY	RTD300		RD-AZ243J-	
R264	265674	RES CMF 560 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS561JBA	
R265	265679	RES CMF 4.3K 1/16W	MAIN BOARD ASSY	RTD300		HRFS432JBA	
R266	265674	RES CMF 560 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS561JBA	
R268	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R269	265668	RES CMF 3.9K 1/16W	MAIN BOARD ASSY	RTD300		HRFS392JBA	
R270	265679	RES CMF 4.3K 1/16W	MAIN BOARD ASSY	RTD300		HRFS432JBA	
R271	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R272	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R273	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R274	265655	RES CF 1/6W 5% 56K	MAIN BOARD ASSY	RTD300		RD-AZ563J-	
R275	265676	RES CMF 6.8K 1/16W	MAIN BOARD ASSY	RTD300		HRFS682JBA	
R276	265655	RES CF 1/6W 5% 56K	MAIN BOARD ASSY	RTD300		RD-AZ563J-	
R277	265676	RES CMF 6.8K 1/16W	MAIN BOARD ASSY	RTD300		HRFS682JBA	
R282	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R283	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R285	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R288	265651	RES CF 1/6W 5% 470 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ471J-	
R289	265651	RES CF 1/6W 5% 470 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ471J-	
R290	265648	RES CF 1/6W 5% 330 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ331J-	
R291	265648	RES CF 1/6W 5% 330 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ331J-	
R292	265648	RES CF 1/6W 5% 330 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ331J-	
R293	265648	RES CF 1/6W 5% 330 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ331J-	
R294	265642	RES CF 1/6W 5% 200 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ201J-	
R295	265665	RES CMF 200 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS201JBA	
R298	253394	RES CHIP 1/16W 24K 5%	POWER AMP ASSEMBLY	RTD300		HRFS243JBA	
R299	253248	RES CHIP 1/16W 47K 5%	POWER AMP ASSEMBLY	RTD300		HRFS473JBA	
R300	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R301	253239	RES CHIP 1/16W 36K 5%	MAIN BOARD ASSY	RTD300		HRFS363JBA	
R302	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R302	253240	RES CHIP 1/16W 2K 5%	MAIN BOARD ASSY	RTD300		HRFS202JBA	
R303	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R303	253241	RES CHIP 1/16W 1.8K 5%	MAIN BOARD ASSY	RTD300		HRFS182JBA	
R304	253234	RES CHIP 1/16W 10K 5%	POWER AMP ASSEMBLY	RTD300		HRFS103JBA	
R305	265661	RES CMF 120K 1/16W	MAIN BOARD ASSY	RTD300		HRFS124JBA	
R306	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R306	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
R307	184844	RES CF 1/6W 5% 2.2K	MAIN BOARD ASSY	RTD300		RD-AZ222J-	
R307	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R308	253241	RES CHIP 1/16W 1.8K 5%	MAIN BOARD ASSY	RTD300		HRFS182JBA	
R308	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R309	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R309	253241	RES CHIP 1/16W 1.8K 5%	MAIN BOARD ASSY	RTD300		HRFS182JBA	
R310	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R310	253242	RES CHIP 1/16W 680K 5%	MAIN BOARD ASSY	RTD300		HRFS684JBA	
R311	265660	RES CMF 1.2K 1/16W	MAIN BOARD ASSY	RTD300		HRFS122JBA	
R311	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R312	253241	RES CHIP 1/16W 1.8K 5%	MAIN BOARD ASSY	RTD300		HRFS182JBA	
R312	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R313	253243	RES CHIP 1/16W 8.2K 5%	MAIN BOARD ASSY	RTD300		HRFS822JBA	
R314	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R315	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R316	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R317	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R318	265643	RES CF 1/6W 5% 20K	MAIN BOARD ASSY	RTD300		RD-AZ203J-	
R319	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R320	265643	RES CF 1/6W 5% 20K	MAIN BOARD ASSY	RTD300		RD-AZ203J-	
R322	176631	RES CF 1/6W 5% 1.3K	MAIN BOARD ASSY	RTD300		RD-AZ132J-	
R324	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	
R325	230893	RES CF 1/6W 5% 39K	MAIN BOARD ASSY	RTD300		RDAZ393J	
R326	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R329	265649	RES CF 1/6W 5% 4.7K	MAIN BOARD ASSY	RTD300		RD-AZ472J-	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
R330	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R330	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R331	253248	RES CHIP 1/16W 47K 5%	POWER AMP ASSEMBLY	RTD300		HRFS473JBA	
R331	253239	RES CHIP 1/16W 36K 5%	MAIN BOARD ASSY	RTD300		HRFS363JBA	
R332	253282	RES CHIP 1/16W 1.3K OHM 5%	MAIN BOARD ASSY	RTD300		HRFS132JBA	
R333	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R334	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R335	253234	RES CHIP 1/16W 10K 5%	POWER AMP ASSEMBLY	RTD300		HRFS103JBA	
R335	265638	RES CF 1/6W 5% 100K	MAIN BOARD ASSY	RTD300		RD-AZ104J-	
R336	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R336	265653	RES CF 1/6W 5% 47K	MAIN BOARD ASSY	RTD300		RD-AZ473J-	
R337	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R337	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	
R338	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R339	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R340	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R341	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R342	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R343	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R360	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R362	253234	RES CHIP 1/16W 10K 5%	POWER AMP ASSEMBLY	RTD300		HRFS103JBA	
R364	265670	RES CMF 1/6W 470 OHMS	POWER AMP ASSEMBLY	RTD300		HRFS471JBA	
R365	253234	RES CHIP 1/16W 10K 5%	POWER AMP ASSEMBLY	RTD300		HRFS103JBA	
R366	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R367	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R368	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R369	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R370	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R371	251007	RES C 1/10W J 39R	POWER AMP ASSEMBLY	RTD300		HRFT390JCA	
R372	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R373	265659	RES CMF 5.1 OHMS 1/10W	POWER AMP ASSEMBLY	RTD300		HRFT519JCA	
R396	265658	RES CF 1/6W 5% 750 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ751J-	
R401	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R402	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R403	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R404	265643	RES CF 1/6W 5% 20K	MAIN BOARD ASSY	RTD300		RD-AZ203J-	
R405	265643	RES CF 1/6W 5% 20K	MAIN BOARD ASSY	RTD300		RD-AZ203J-	
R406	265643	RES CF 1/6W 5% 20K	MAIN BOARD ASSY	RTD300		RD-AZ203J-	
R407	265636	RES CF 1/6W 5% 1.5K	MAIN BOARD ASSY	RTD300		RD-AZ152J-	
R408	253277	RES CHIP 1/16W 2.7K OHM	MAIN BOARD ASSY	RTD300		HRFS272JBA	
R413	253241	RES CHIP 1/16W 1.8K 5%	MAIN BOARD ASSY	RTD300		HRFS182JBA	
R414	232048	RES CCF 1/10W 5% 1.1K	MAIN BOARD ASSY	RTD300		HRFT112JCA	
R415	253244	RES CHIP 1/16W 1.5K 5%	MAIN BOARD ASSY	RTD300		HRFS152JBA	
R416	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R418	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R425	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R426	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R601	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R602	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R604	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
R605	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R606	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R607	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R608	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R609	265660	RES CMF 1.2K 1/16W	MAIN BOARD ASSY	RTD300		HRFS122JBA	
R610	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R611	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R612	265664	RES CMF 1M 1/16W	MAIN BOARD ASSY	RTD300		HRFS105JBA	
R613	265665	RES CMF 200 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS201JBA	
R614	265665	RES CMF 200 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS201JBA	
R615	253230	RES CHIP 1/16W 27K 5%	MAIN BOARD ASSY	RTD300		HRFS273JBA	
R616	265665	RES CMF 200 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS201JBA	
R617	253230	RES CHIP 1/16W 27K 5%	MAIN BOARD ASSY	RTD300		HRFS273JBA	
R618	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R619	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R620	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R621	253252	RES CF 1/6W 240K 5%	MAIN BOARD ASSY	RTD300		RD-AZ244J-	
R622	253252	RES CF 1/6W 240K 5%	MAIN BOARD ASSY	RTD300		RD-AZ244J-	
R623	253252	RES CF 1/6W 240K 5%	MAIN BOARD ASSY	RTD300		RD-AZ244J-	
R624	253252	RES CF 1/6W 240K 5%	MAIN BOARD ASSY	RTD300		RD-AZ244J-	
R625	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
R626	265649	RES CF 1/6W 5% 4.7K	MAIN BOARD ASSY	RTD300		RD-AZ472J-	
R627	265649	RES CF 1/6W 5% 4.7K	MAIN BOARD ASSY	RTD300		RD-AZ472J-	
R628	265649	RES CF 1/6W 5% 4.7K	MAIN BOARD ASSY	RTD300		RD-AZ472J-	
R629	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R630	265662	RES CMF 13K 1/16W	MAIN BOARD ASSY	RTD300		HRFS133JBA	
R631	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
R634	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R635	265671	RES CMF 470K 1/16W	MAIN BOARD ASSY	RTD300		HRFS474JBA	
R637	265645	RES CF 1/6W 5% 2K	MAIN BOARD ASSY	RTD300		RD-AZ202J-	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
R639	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R640	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
R646	265649	RES CF 1/6W 5% 4.7K	MAIN BOARD ASSY	RTD300		RD-AZ472J-	
R648	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R649	253224	RES CHIP 1/16W 100R 5%	MAIN BOARD ASSY	RTD300		HRFS101JBA	
R651	253247	RES CHIP 1/16W 3.3K 5%	MAIN BOARD ASSY	RTD300		HRFS332JBA	
R652	265678	RES CMF 130 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS131JBA	
R653	265678	RES CMF 130 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS131JBA	
R654	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R655	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R656	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R657	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R658	265653	RES CF 1/6W 5% 47K	MAIN BOARD ASSY	RTD300		RD-AZ473J-	
R659	265635	RES CF 1/6W 5% 1.2K	MAIN BOARD ASSY	RTD300		RD-AZ122J-	
R660	265643	RES CF 1/6W 5% 20K	MAIN BOARD ASSY	RTD300		RD-AZ203J-	
R661	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
R662	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
R663	265650	RES CF 1/6W 430 OHMS 5%	MAIN BOARD ASSY	RTD300		RD-AZ431J-	
R664	253249	RES MF 1/6W 10K 1%	MAIN BOARD ASSY	RTD300		RN-AZ103F-	
R665	253249	RES MF 1/6W 10K 1%	MAIN BOARD ASSY	RTD300		RN-AZ103F-	
R666	235735	RES CF 1/6W 5% 9.1K	MAIN BOARD ASSY	RTD300		RD-AZ912J-	
R667	265653	RES CF 1/6W 5% 47K	MAIN BOARD ASSY	RTD300		RD-AZ473J-	
R701	184838	RES CF 1/6W 5% 10K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ103J-	
R702	184838	RES CF 1/6W 5% 10K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ103J-	
R704	184838	RES CF 1/6W 5% 10K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ103J-	
R705	184838	RES CF 1/6W 5% 10K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ103J-	
R721	265641	RES CF 1/6W 5% 1K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ102J-	
R722	265642	RES CF 1/6W 5% 200 OHMS	FRONT PANEL ASSEMBLY	RTD300		RD-AZ201J-	
R723	265642	RES CF 1/6W 5% 200 OHMS	FRONT PANEL ASSEMBLY	RTD300		RD-AZ201J-	
R724	265649	RES CF 1/6W 5% 4.7K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ472J-	
R725	235569	RES CF 1/6W 5% 82K	FRONT PANEL ASSEMBLY	RTD300		RD-AZ823J-	
R731	265657	RES CF 1/6W 5% 75 OHMS	FRONT PANEL ASSEMBLY	RTD300		RD-AZ750J-	
R742	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
R743	241930	CAP .65 TIN COATING	FRONT PANEL ASSEMBLY	RTD300		85801065GY	
R851	240936	RES CCF 1/4W 5% 12K	MAIN BOARD ASSY	RTD300		RD4Z123J	
R852	240936	RES CCF 1/4W 5% 12K	MAIN BOARD ASSY	RTD300		RD4Z123J	
R853	175363	RES CF 1/4W 5% 200R	MAIN BOARD ASSY	RTD300		RD-4Z201J-	
R854	265646	RES CF 1/6W 5% 30K	MAIN BOARD ASSY	RTD300		RD-AZ303J-	
R855	253277	RES CHIP 1/16W 2.7K OHM	MAIN BOARD ASSY	RTD300		HRFS272JBA	
R858	265681	RES CMF 510 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS511JBA	
RD01	265647	RES CF 1/6W 5% 33 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ330J-	
RD02	265647	RES CF 1/6W 5% 33 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ330J-	
RD03	265647	RES CF 1/6W 5% 33 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ330J-	
RD04	265654	RES CF 1/6W 51 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ510J-	
RD05	265647	RES CF 1/6W 5% 33 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ330J-	
RD06	265647	RES CF 1/6W 5% 33 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ330J-	
RD07	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
RD08	253279	RES CHIP 1/16W 33K OHM 5%	MAIN BOARD ASSY	RTD300		HRFS333JBA	
RD09	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
RD10	253232	RES CHIP 1/16W 11K 5%	MAIN BOARD ASSY	RTD300		HRFS113JBA	
RD11	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RD12	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
RD13	253233	RES CHIP 1/16W 22K 5%	MAIN BOARD ASSY	RTD300		HRFS223JBA	
RD14	265670	RES CMF 1/6W 470 OHMS	MAIN BOARD ASSY	RTD300		HRFS471JBA	
RD16	265669	RES CMF 3K 1/16W	MAIN BOARD ASSY	RTD300		HRFS302JBA	
RD17	265667	RES CMF 220 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS221JBA	
RD18	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
RD19	253279	RES CHIP 1/16W 33K OHM 5%	MAIN BOARD ASSY	RTD300		HRFS333JBA	
RD20	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
RD21	253232	RES CHIP 1/16W 11K 5%	MAIN BOARD ASSY	RTD300		HRFS113JBA	
RD22	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RD23	265641	RES CF 1/6W 5% 1K	MAIN BOARD ASSY	RTD300		RD-AZ102J-	
RD24	253233	RES CHIP 1/16W 22K 5%	MAIN BOARD ASSY	RTD300		HRFS223JBA	
RD25	265670	RES CMF 1/6W 470 OHMS	MAIN BOARD ASSY	RTD300		HRFS471JBA	
RD27	265669	RES CMF 3K 1/16W	MAIN BOARD ASSY	RTD300		HRFS302JBA	
RD28	265667	RES CMF 220 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS221JBA	
RD29	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
RD30	253226	RES CHIP 1/16W 30K 5%	MAIN BOARD ASSY	RTD300		HRFS303JBA	
RD31	253240	RES CHIP 1/16W 2K 5%	MAIN BOARD ASSY	RTD300		HRFS202JBA	
RD32	265679	RES CMF 4.3K 1/16W	MAIN BOARD ASSY	RTD300		HRFS432JBA	
RD33	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RD34	265677	RES CMF 750 OHMS 1/16W	MAIN BOARD ASSY	RTD300		HRFS751JBA	
RD35	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	
RD36	265670	RES CMF 1/6W 470 OHMS	MAIN BOARD ASSY	RTD300		HRFS471JBA	
RD37	265651	RES CF 1/6W 5% 470 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ471J-	
RD39	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RD40	265666	RES CMF 20K 1/16W	MAIN BOARD ASSY	RTD300		HRFS203JBA	
RD41	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	
RD42	265666	RES CMF 20K 1/16W	MAIN BOARD ASSY	RTD300		HRFS203JBA	
RD43	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
RD44	265672	RES CMF 5.1K 1/16W	MAIN BOARD ASSY	RTD300		HRFS512JBA	
RD45	253227	RES CHIP 1/16 9.1K 5%	MAIN BOARD ASSY	RTD300		HRFS912JBA	
RD47	265682	RES CMF 7.5K 1/16W	MAIN BOARD ASSY	RTD300		HRFS752JBA	
RD48	265673	RES CMF 5.6K 1/16W	MAIN BOARD ASSY	RTD300		HRFS562JBA	
RD49	265682	RES CMF 7.5K 1/16W	MAIN BOARD ASSY	RTD300		HRFS752JBA	
RD50	265673	RES CMF 5.6K 1/16W	MAIN BOARD ASSY	RTD300		HRFS562JBA	
RD52	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
RD53	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
RD55	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
RD56	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
RD58	253235	RES CHIP 1/16W 180R 5%	MAIN BOARD ASSY	RTD300		HRFS181JBA	
RD59	253235	RES CHIP 1/16W 180R 5%	MAIN BOARD ASSY	RTD300		HRFS181JBA	
RD63	265672	RES CMF 5.1K 1/16W	MAIN BOARD ASSY	RTD300		HRFS512JBA	
RD64	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RD65	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RD66	253227	RES CHIP 1/16 9.1K 5%	MAIN BOARD ASSY	RTD300		HRFS912JBA	
RD67	265640	RES CF 180 OHMS 1/6W	MAIN BOARD ASSY	RTD300		RD-AZ181J-	
RD68	253235	RES CHIP 1/16W 180R 5%	MAIN BOARD ASSY	RTD300		HRFS181JBA	
RD71	265670	RES CMF 1/6W 470 OHMS	MAIN BOARD ASSY	RTD300		HRFS471JBA	
RD76	265663	RES CMF 15K 1/16W	MAIN BOARD ASSY	RTD300		HRFS153JBA	
REMOTE	265683	REMOTE CONTROL: RTD300	INCLUDED ACCESSORIES	RTD300		97P1R2KAA0	
RF101	265690	TUNER, UHF/VHFCABLE	VCR ASSEMBLY	RTD300	S	97P7619700	
RF102	265691	TUNER, AM/FM	VCR ASSEMBLY	RTD300	S	97P7620100	
RJ001	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ002	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ003	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ005	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ006	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ007	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ008	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ009	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ010	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ011	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ012	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ013	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ014	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ016	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RJ018	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ019	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RJ020	253255	RES CHIP 1/16W 0 OHM	MAIN BOARD ASSY	RTD300		HRFS000-BA	
RM08	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
RM09	253279	RES CHIP 1/16W 33K OHM 5%	MAIN BOARD ASSY	RTD300		HRFS333JBA	
RM10	253246	RES CHIP 1/16W 100K 5%	MAIN BOARD ASSY	RTD300		HRFS104JBA	
RM11	253279	RES CHIP 1/16W 33K OHM 5%	MAIN BOARD ASSY	RTD300		HRFS333JBA	
RM43	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
RM44	265639	RES CF 1/6W 11K	MAIN BOARD ASSY	RTD300		RD-AZ113J-	
RM45	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RM46	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RM47	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	
RM48	265637	RES CF 1/6W 5% 10 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ100J-	
RM49	265651	RES CF 1/6W 5% 470 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ471J-	
RM50	265670	RES CMF 1/6W 470 OHMS	MAIN BOARD ASSY	RTD300		HRFS471JBA	
RM52	253234	RES CHIP 1/16W 10K 5%	MAIN BOARD ASSY	RTD300		HRFS103JBA	
RM53	253232	RES CHIP 1/16W 11K 5%	MAIN BOARD ASSY	RTD300		HRFS113JBA	
RM54	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RM55	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RM56	253248	RES CHIP 1/16W 47K 5%	MAIN BOARD ASSY	RTD300		HRFS473JBA	
RM57	265637	RES CF 1/6W 5% 10 OHMS	MAIN BOARD ASSY	RTD300		RD-AZ100J-	
RM58	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RM59	184838	RES CF 1/6W 5% 10K	MAIN BOARD ASSY	RTD300		RD-AZ103J-	
RM60	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RS04	253223	RESISTOR CHIP 1/16W 1K 5%	MAIN BOARD ASSY	RTD300		HRFS102JBA	
RS05	DISCON_STK	CAP WIRE COPPER 0.6X52MM	MAIN BOARD ASSY	RTD300		85801060TA	
RS06	184844	RES CF 1/6W 5% 2.2K	MAIN BOARD ASSY	RTD300		RD-AZ222J-	
S603	253257	SENSOR REEL	VCR ASSEMBLY	RTD300		97P0S02500	
S604	253257	SENSOR REEL	VCR ASSEMBLY	RTD300		97P0S02500	
SPEAKER	265684	SPEAKER SYSTEM: RTD300	INCLUDED ACCESSORIES	RTD300		48A8306700	
SW601	248340	SWITCH DELETE	VCR ASSEMBLY	RTD300		5SD0101100	
SW651	265685	MODE SWITCH	VCR ASSEMBLY	RTD300		5S10104200	
SW701	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW702	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW703	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW704	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW705	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW706	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW707	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW708	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW709	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW710	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW711	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	

Symbol	Stock	Description	Circuit	Model	TypeCode	Drawing	Notes
SW712	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW713	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
SW714	229720	SWITCH	FRONT PANEL ASSEMBLY	RTD300		5S50101Z90	
U001	N/S/P	PCB MAIN 330X246X1.6T	MAIN BOARD ASSY	RTD300		97P65336MA	
U001	N/S/P	PCB AMP 280X220X1.6T/2	POWER AMP ASSEMBLY	RTD300		97P65336AA	
UL01	N/S/P	PCB UNION 330X246X1.6T/3	FRONT PANEL ASSEMBLY	RTD300		97P65336UA	
X220	265597	CRYSTAL, 12MHZ	POWER AMP ASSEMBLY	RTD300		5XE12R000E	
X301	238832	CRYSTAL	MAIN BOARD ASSY	RTD300		5XE3R579TB	
Z001	N/S/P	PCB MAIN AS DR-C9A21N-BS	VCR ASSEMBLY	RTD300		PVMPMSN669	
Z0011	N/S/P	MAIN CHIP MOUNT A DR-C9A21N-BS	MAIN BOARD ASSY	RTD300		PVMPJ1N669	
Z0012	N/S/P	MAIN RADIAL AUTO AS DR-C9A21N-BS	MAIN BOARD ASSY	RTD300		PVMPJRN669	
Z0013	N/S/P	MAIN AXIAL AUTO AS DR-C9A21N-BS	MAIN BOARD ASSY	RTD300		PVMPJAN669	
Z0014	N/S/P	PCB MAIN JUMP ONLY AS DR-C9A21N-BS	MAIN BOARD ASSY	RTD300		PVMPJVN669	
Z003	N/S/P	PCB LOGIC MANUAL AS DR-C9A21N-BS	FRONT PANEL ASSEMBLY	RTD300		PVLAMSN669	
Z0031	N/S/P	PCB LOGIC CHIP AS DR-C9A21N-BS	FRONT PANEL ASSEMBLY	RTD300		PVLAJ1N669	
Z0032	N/S/P	PCB LOGIC RADIAL AS DR-C9A21N-BS	FRONT PANEL ASSEMBLY	RTD300		PVLAJRN669	
Z0033	N/S/P	PCB LOGIC AXIAL AS DR-C9A21N-BS	FRONT PANEL ASSEMBLY	RTD300		PVLAJAN669	
Z010	N/S/P	PCB AMP MANUAL AS DR-C9A21N-BS	POWER AMP ASSEMBLY	RTD300		PVAMMSN669	
Z0101	N/S/P	PCB AMP CHIP AS DR-C9A21N-BS(DWE0908A)	POWER AMP ASSEMBLY	RTD300		PVAMJ1N669	
Z0102	N/S/P	PCB AMP RADIAL AS DR-C9A21N-BS	POWER AMP ASSEMBLY	RTD300		PVAMJRN669	

2.2 PERIODIC MAINTENANCE AND SERVICE SCHEDULE

2.2.1) Periodic maintenance and Service Schedule

- A. In order to effectively maintain the excellent performance and fully utilize the features of this apparatus and to lengthen the life of mechanism and tapes, we strongly urge you to perform the periodic maintenance and inspection as described below.
- Following should be done after the substitution of parts of deck or correction of deck failure.
- B. Cleaning of the DRUM TOTAL ASS'Y
- Slowly turning DRUM TOTAL ASS'Y, wipe the drum surface with clean cloth soaked in alcohol. (Don't connect the power when turning the UPPER DRUM)
 - Don't wipe the Head-Tip vertically with cleaning cloths.
- C. Tape transporting section cleaning
- Clean the tape transporting section with clean cloth soaked in alcohol.
- D. Driving section cleaning
- Clean the driving section with clean cloth soaked in alcohol.
- E. Everyday inspection
- Perform the maintenance and inspection periodically according to the number of use.
 - Refer to the table 2.2.3.

2.2.3) Service Sechedule for each parts

Following parts should be checked according to the recomanded intervals

PART Name	Period Service (Hours)				
	1000	2000	3000	4000	5000
DRUM TOTAL ASS'Y	★	○	★	○	★
CAPSTAN MOTOR		○		○	
L/C BRKT TOTAL ASS'Y		○		○	
REEL BELT		○		○	
IDLER PLATE TOTAL ASS'Y		○		○	
REEL TABLE			○		
T BRAKE ASS'Y		○		○	
TENSION BAND ASS'Y		○		○	
PINCH ROLLER ASS'Y		★	○	★	
AC HEAD ASS'Y			○		
FE HEAD					○
REEL BRKT TOTAL ASS'Y		○		○	

★ : Check and replace if necessary.

○ : Replace

2.2.2) Cleaning and Lubrication

2.2.2) Cleaning and Lubrication

A. Cleaning of Tape Transporting section and driving section

a. Cleaning of Tape Transporting section

- The following parts shoule be cleaned after every 500 hours of use.

- TENSION POLE
- AC HEAD/AE HEAD
- VIDEOHEAD / DRUM
- FE HEAD
- CAPSTASN SHAFT
- T GUIDE ROLLER
- S SLANT POLE
- GUIDE POST
- T GUIDE POST
- T SLANT POLE
- S GUIDE ROLLER
- PINCH ROLLER

- Because the above part contact with video tape, they tend to be stained with dusts and foreign substances which make the bad effect on the picture and sometimes lead to the tape damage.

- Be sure to check the remained alcohol during cleaning evaporated thoroughly before using a tape.

b. Cleaning of the driving section

- REEL TABLE
- CAPSTAN FLYWHEEL/PULLEY
- REEL PULLEY

B. Lubrication

- REEL GEAR POST : After the cleaning the parts with alcohol, lubricate them with one or twol drops of ool
- S/T REEL TABLE POST : After the cleaning the parts with alcohol, lubricate them with grease.

NOTE:

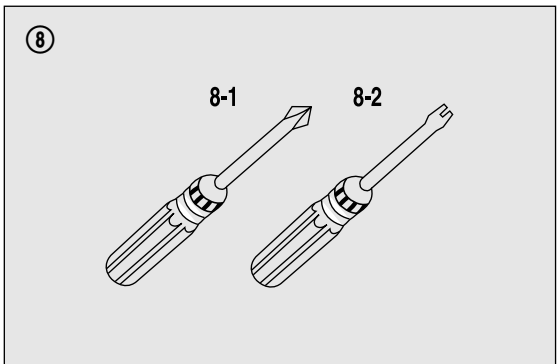
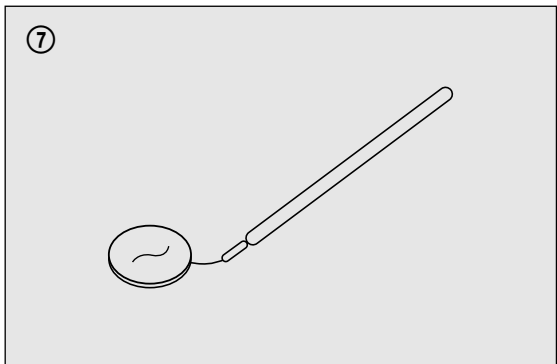
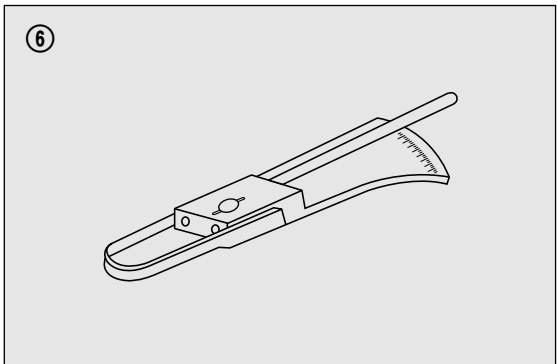
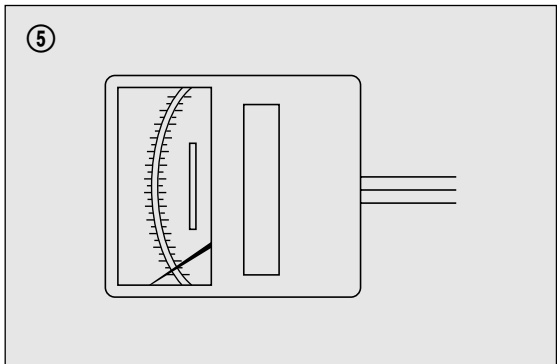
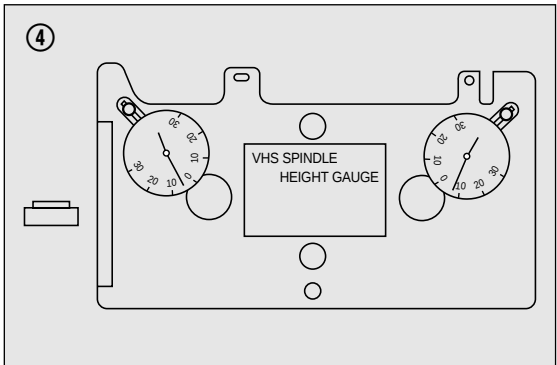
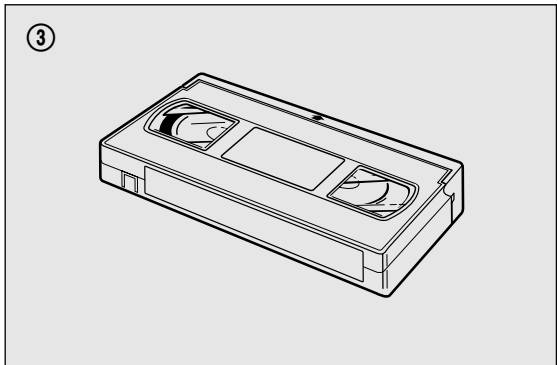
Independant of the above service shedule, Cleaning and lubrication and replacement of the belt sould be undertaken every 2 years.

2.3 JIGS AND TOOLS

2.1 List of Jigs and Tools

NO	ITEMS	MODEL	FIG. NO	REMARKS
1	ALIGNMENT TAPE	NTSC: SP MONOSCOPE 7KHz SP COLOR BAR 1KHz (EP MONOSCOPE)	①	CHECKING OF THE TAPE TRANSPORTING SECTION
2	CLEANING TAPE (DAEWOO)	DHC-602V	②	CHECKING OF THE TAPE TRANSPORTING SECTION
3	CASSETTE TAPE TORQUE METER(KOKUSAI)	KT-300NV KT-300RV	③	MEASUREMENT OF THE REEL TORQUE
4	VHS SPINDLE HEIGHT GAUGE	TSH-V4	④	MEASUREMENT OF REEL TABLE HEIGHT
5	TENTELO METER (TENTELO)	T2-H7-UM	⑤	MEASUREMENT OF THE BACK TENSION
6	FAN TYPE TENSION METER	< 3KG	⑥	MEASUREMENT OF THE PRESSING FORCE FOR THE PINCH ROLLER
7	DENTAL MIRROR		⑦	CHECKING OF THE TAPE TRANSPORTING SECTION
8	+DRIVER		⑧-1	ASSEMBLY, DISASSEMBLY AND ADJUSTMENT
	ADJUSTMENT DRIVER		⑧-2	

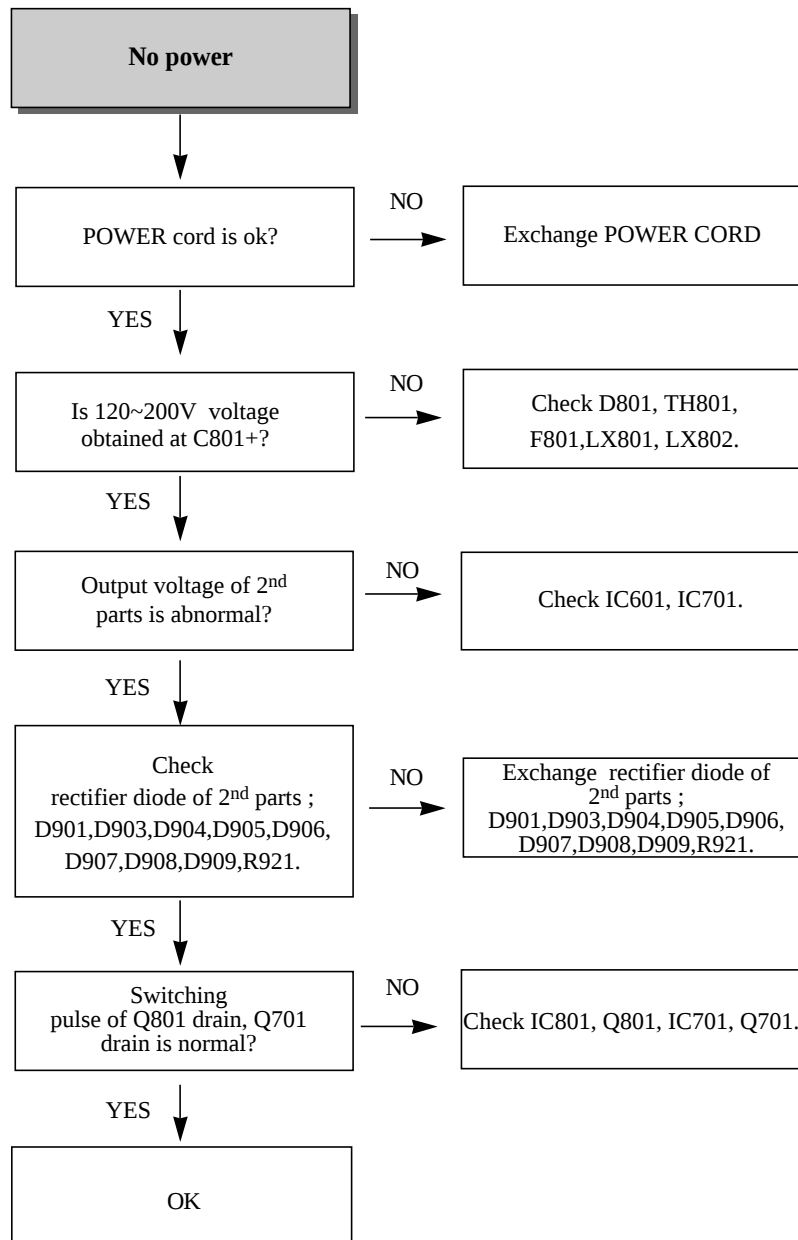
2.3.2 A SKETCH OF JIGS AND TOOLS



TROUBLESHOOTING GUIDES

POWER CIRCUIT

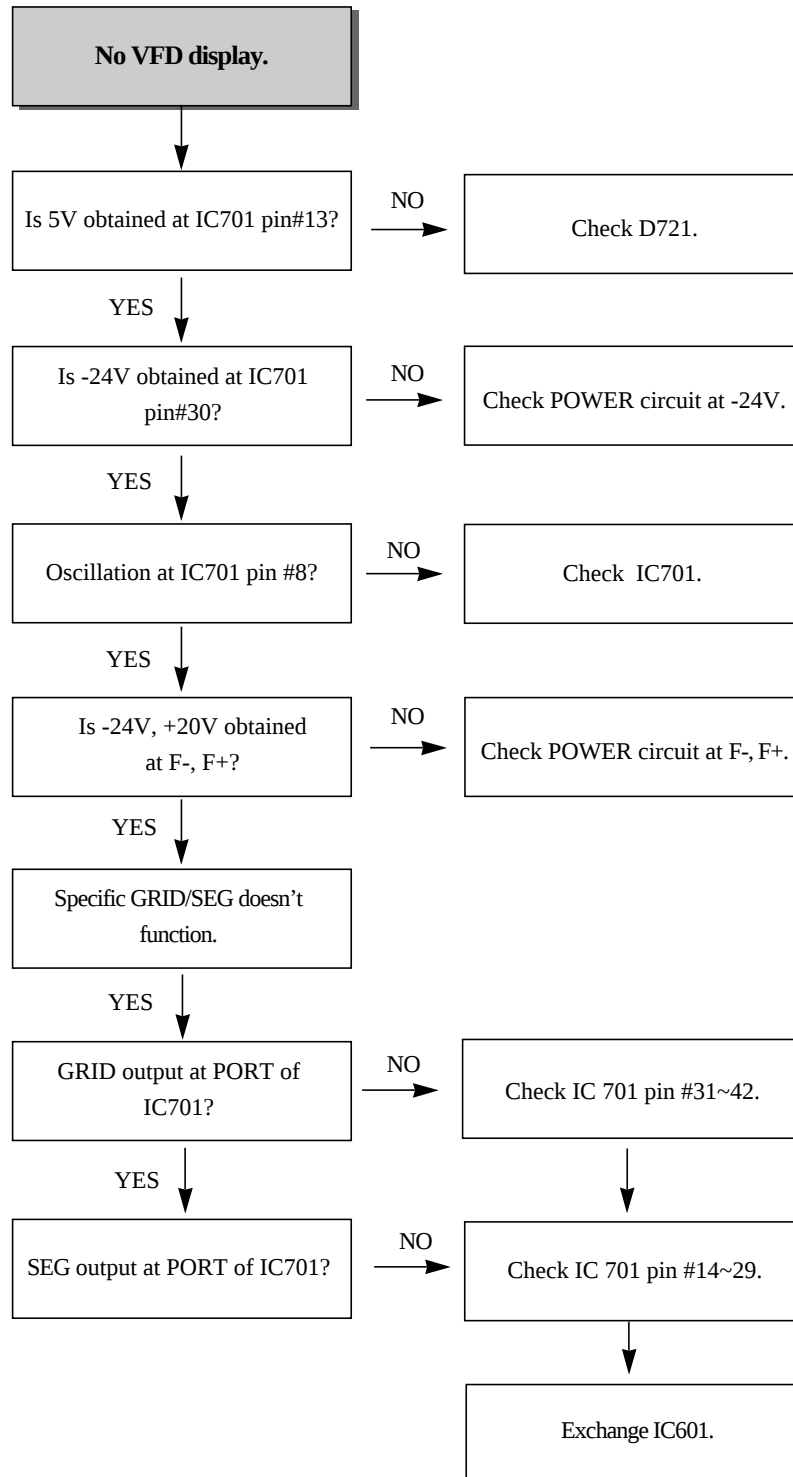
◆ **Caution:** When checking the primary circuit, be sure to use an isolation transformer.



TROUBLESHOOTING GUIDES (Continued)

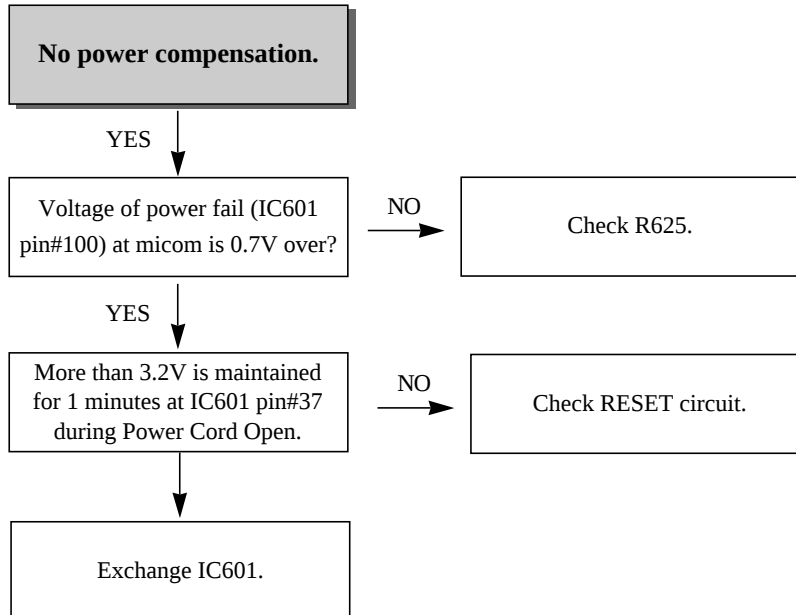
SYSTEM CIRCUIT

A. VFD DISPLAY

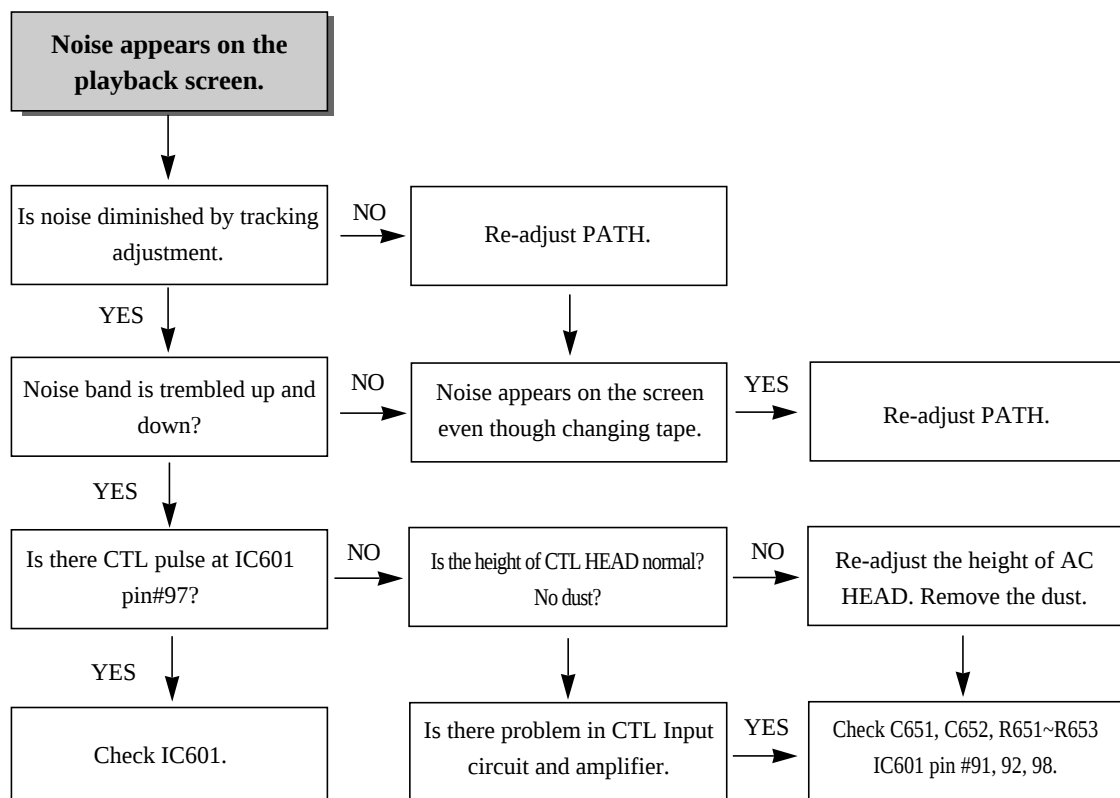


TROUBLESHOOTING GUIDES (Continued)

B. No power compensation.

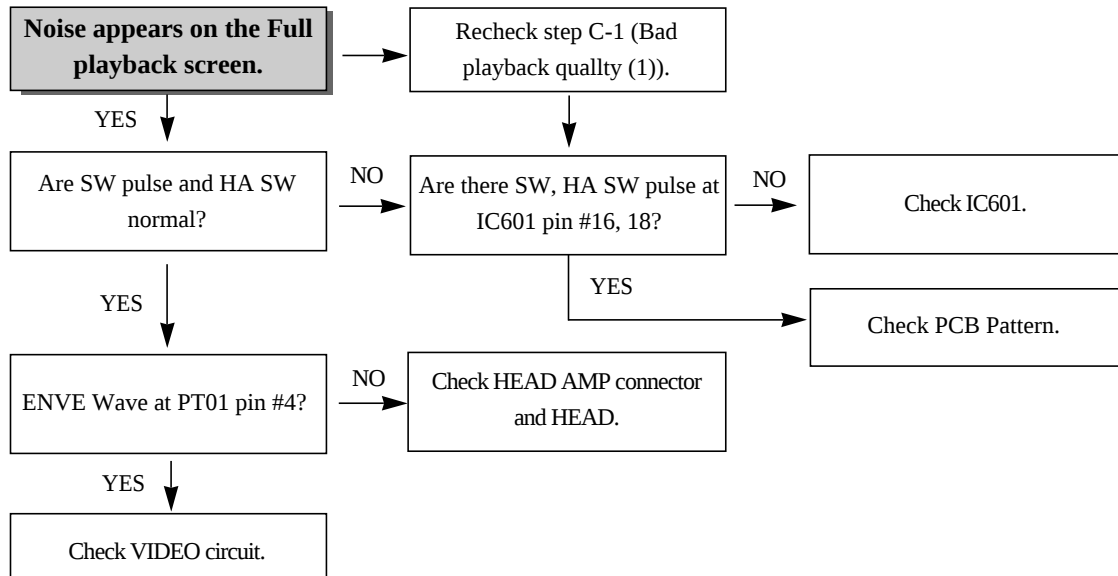


C-1. Bad playback quality (1)

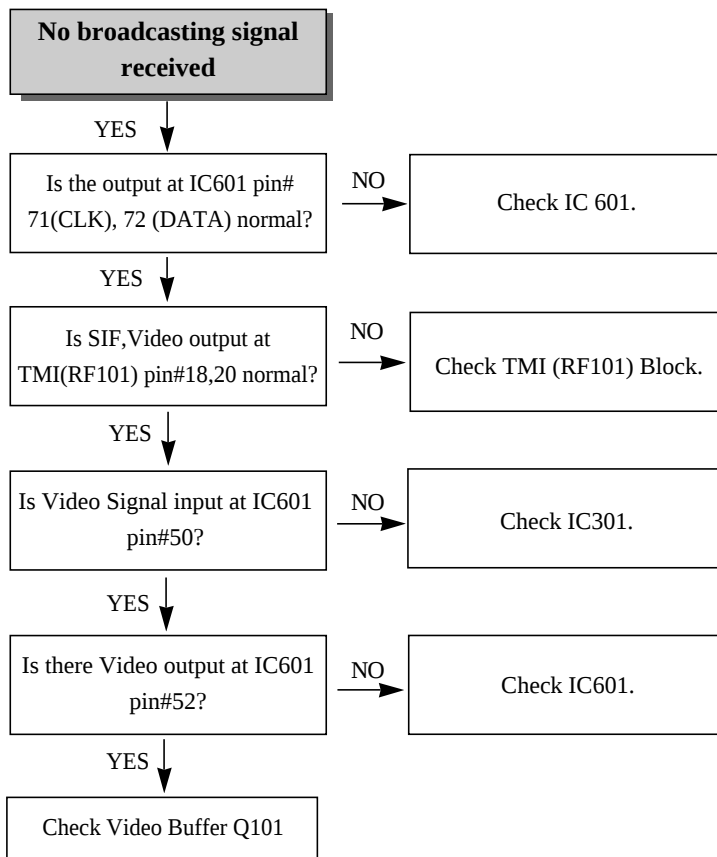


TROUBLESHOOTING GUIDES (Continued)

C-2. Bad playback quality (2)

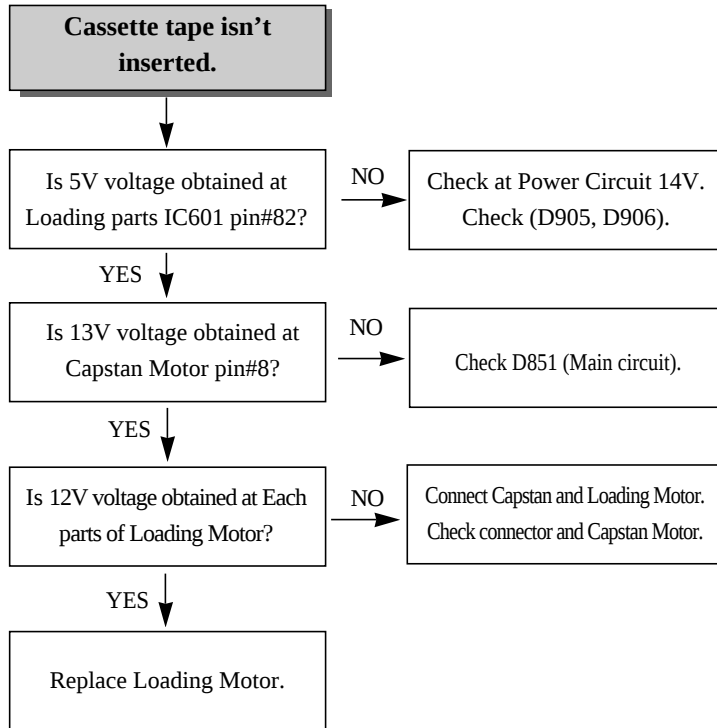


D. No broadcasting signal received

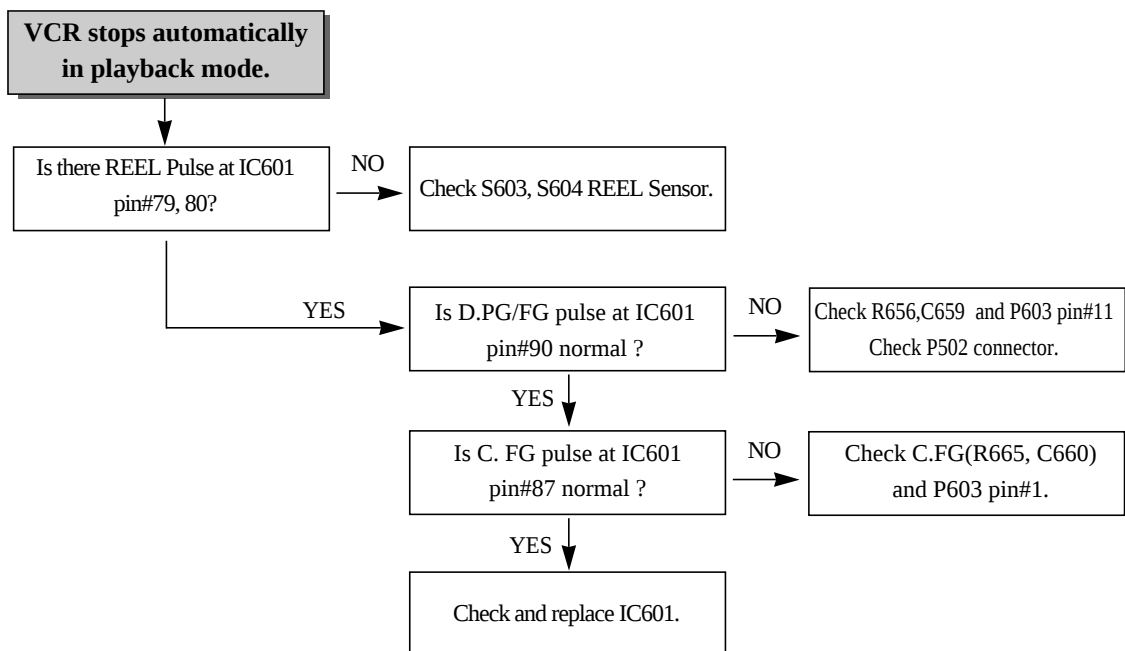


TROUBLESHOOTING GUIDES (Continued)

E. No CASSETTE Loading

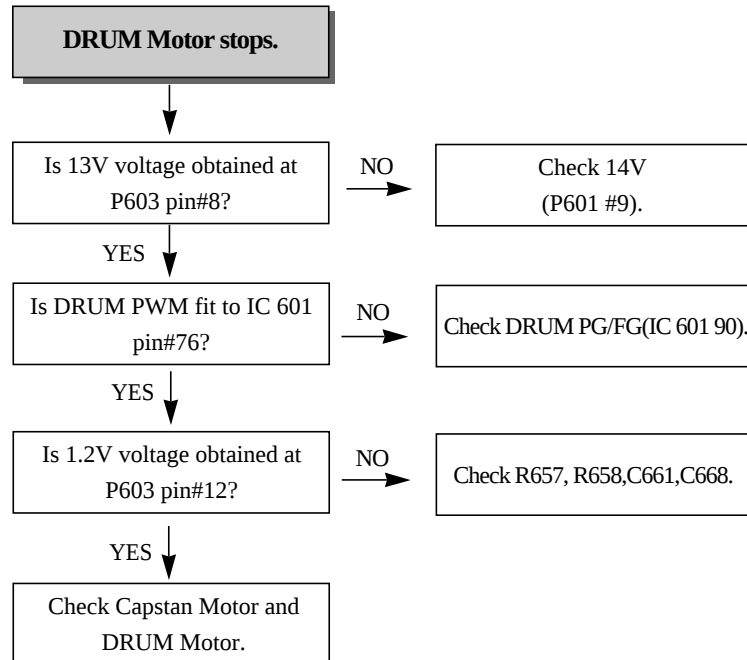


F. AUTO STOP in Playback mode

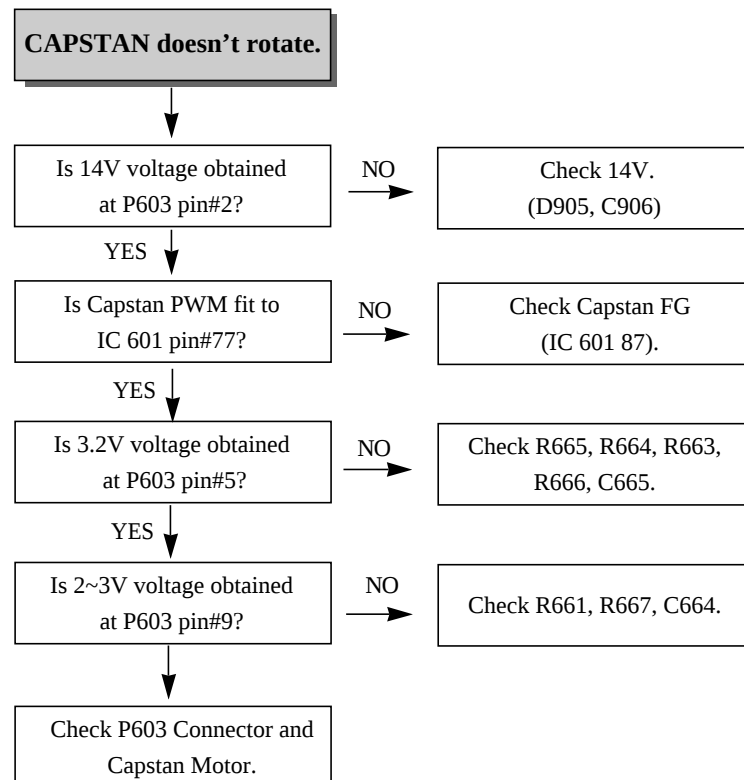


TROUBLESHOOTING GUIDES (Continued)

G. DRUM Motor stops



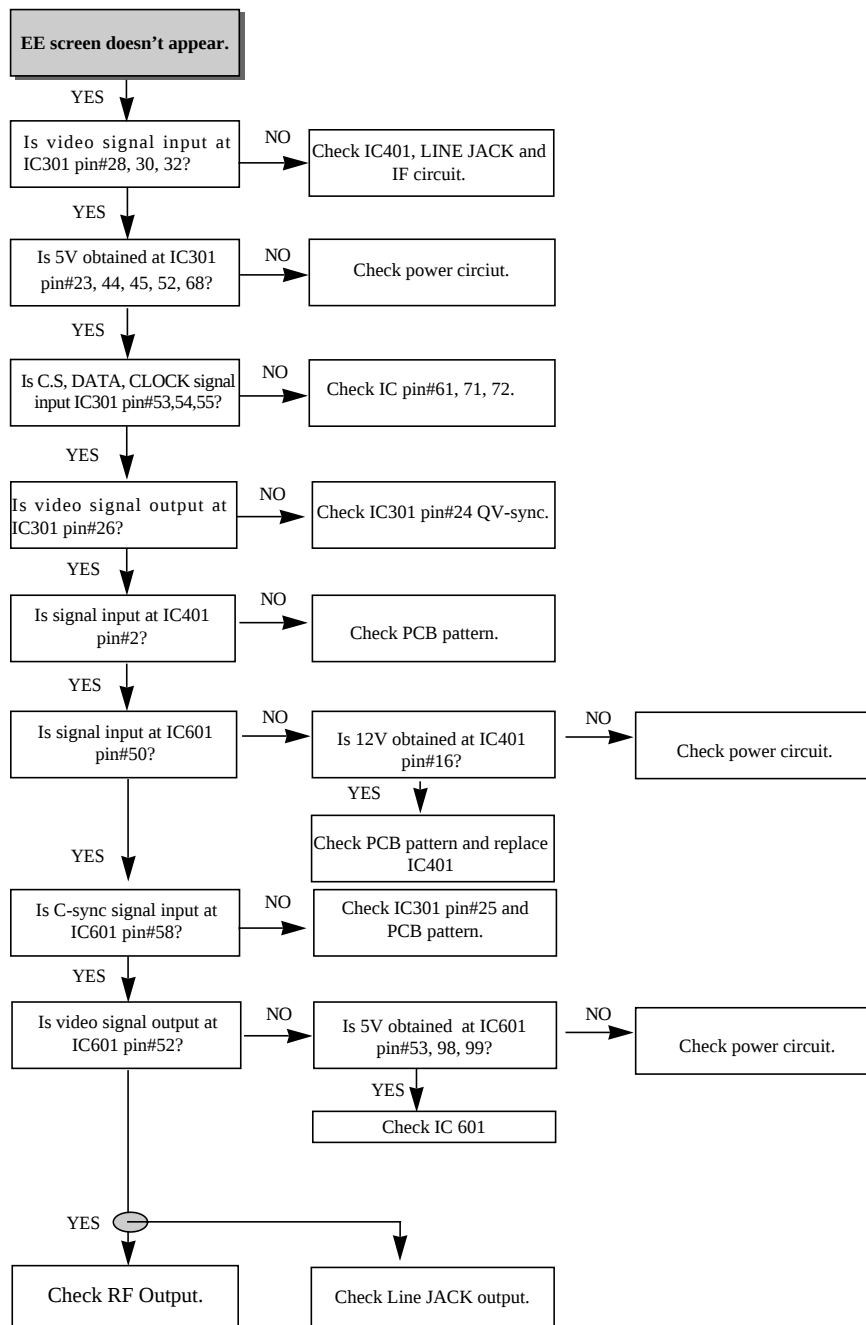
H. CAPSTAN doesn't rotate



TROUBLESHOOTING GUIDES (Continued)

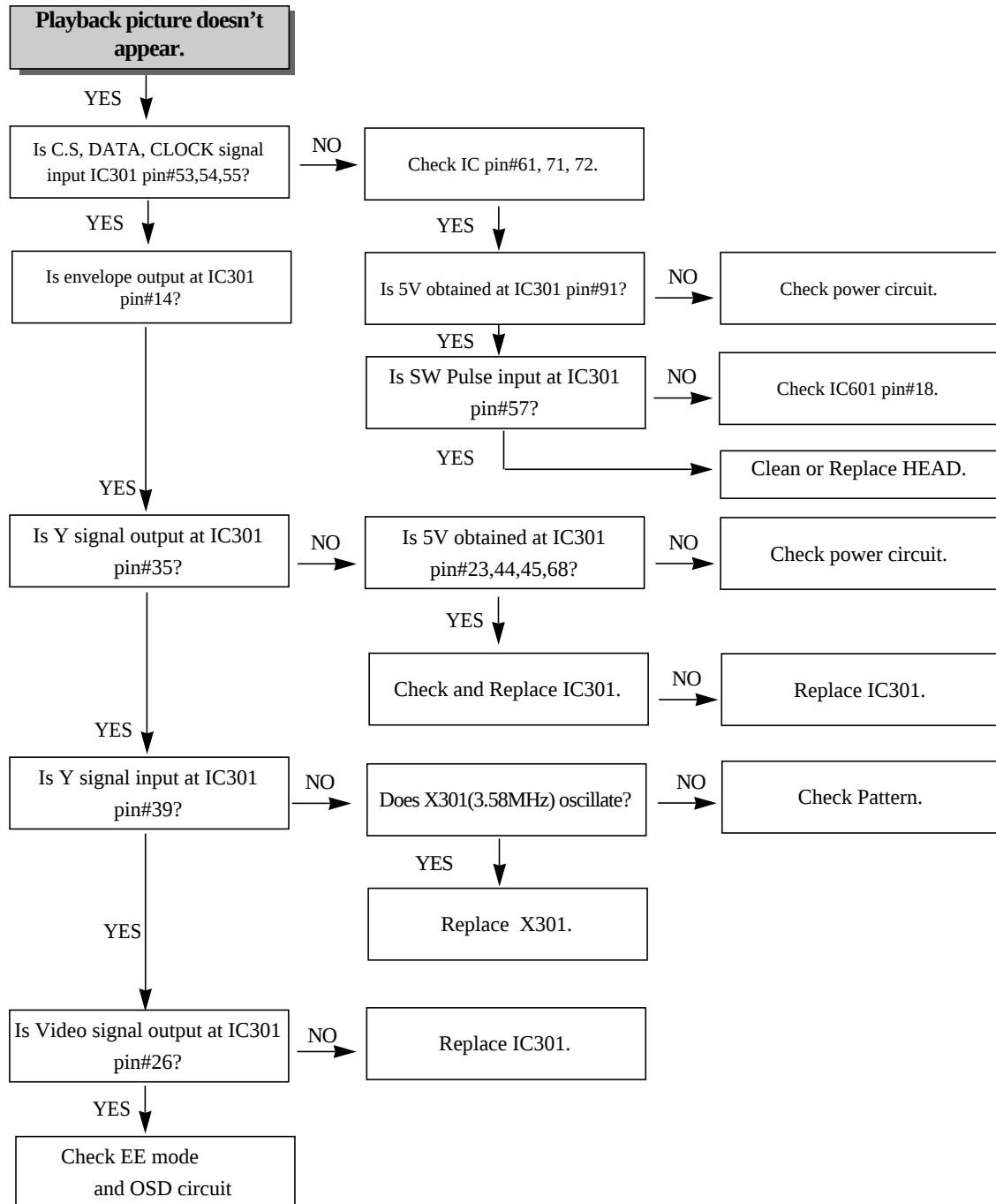
VIDEO CIRCUIT

A. EE screen doesn't appear



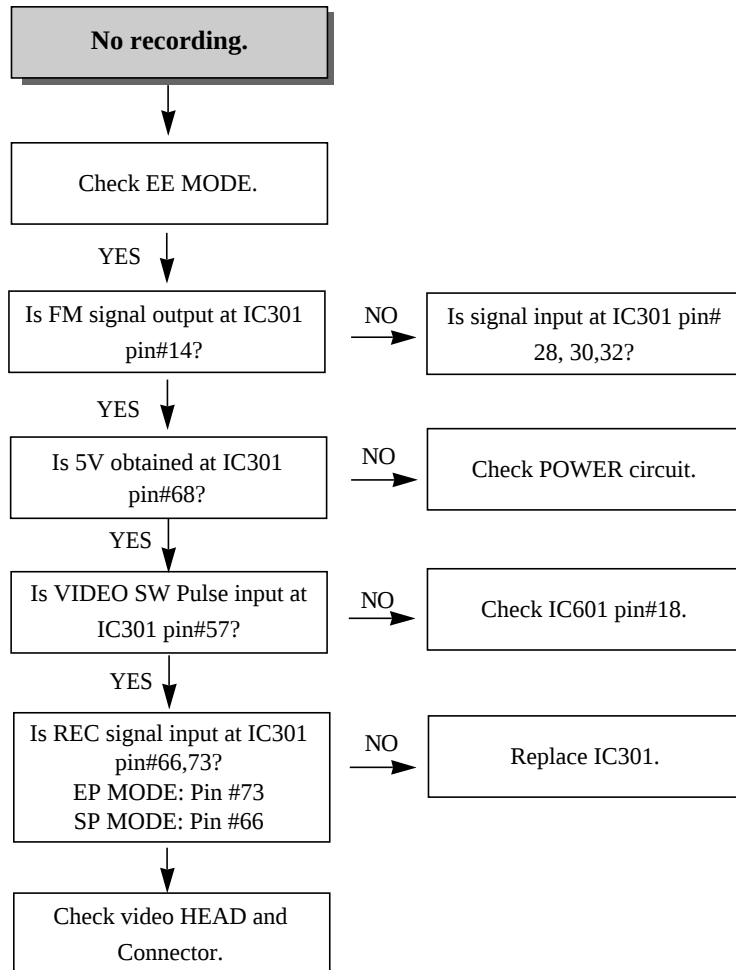
TROUBLESHOOTING GUIDES (Continued)

B. Playback picture doesn't appear



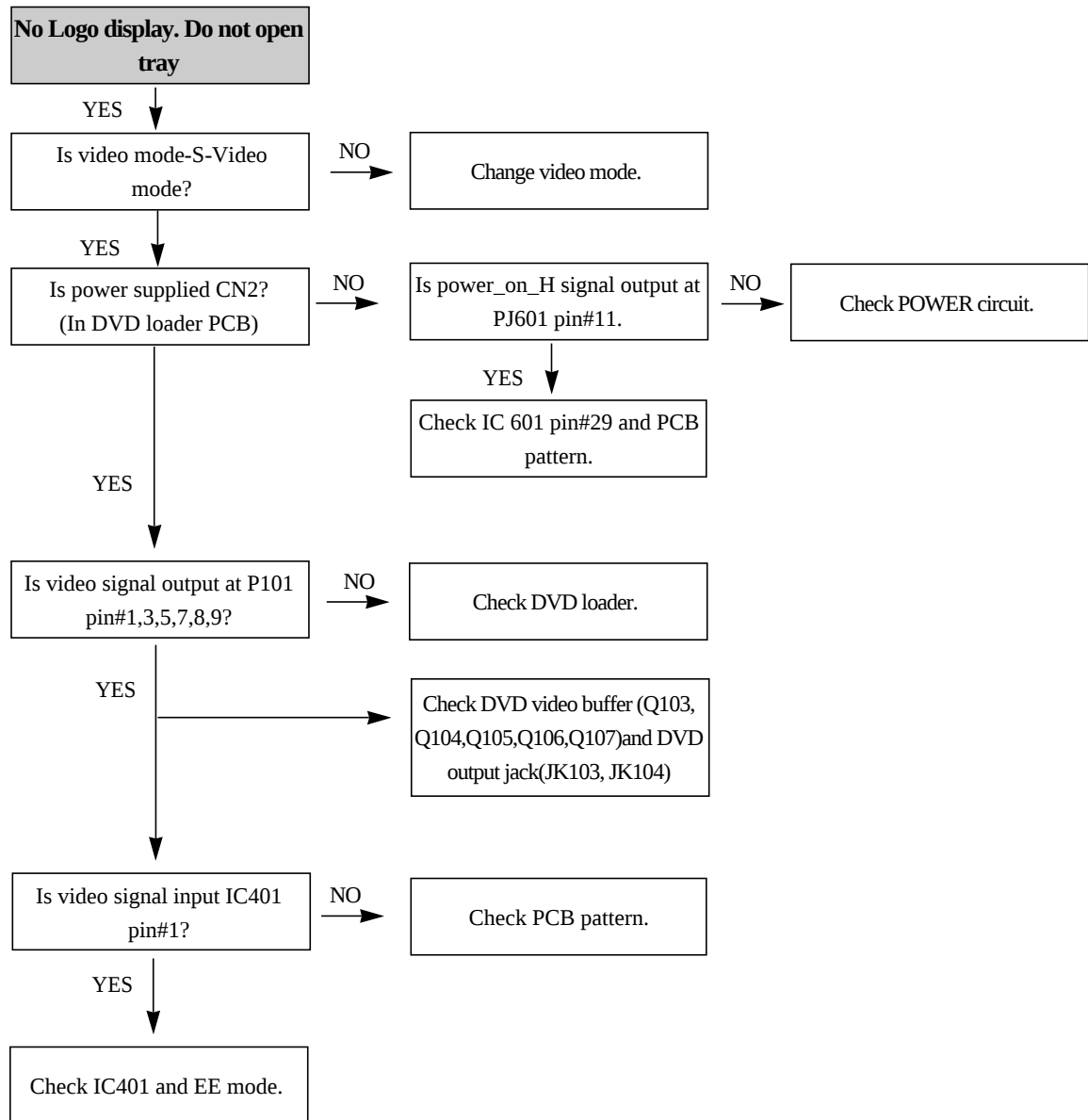
TROUBLESHOOTING GUIDES (Continued)

C. No recording



TROUBLESHOOTING GUIDES (Continued)

D. No OSD(On Screen Display) appears



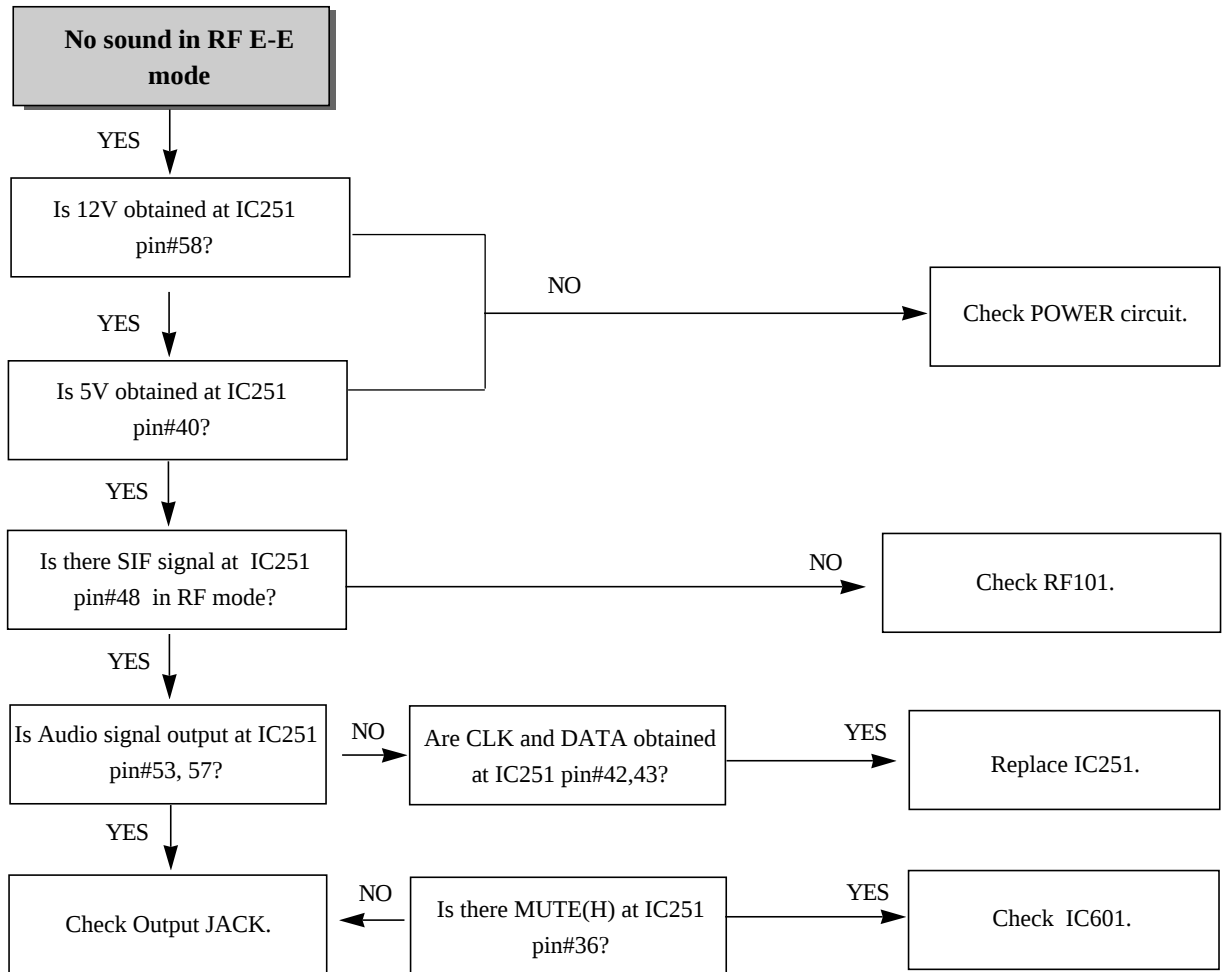
TROUBLESHOOTING GUIDES (Continued)

AUDIO CIRCUIT

1. RCA

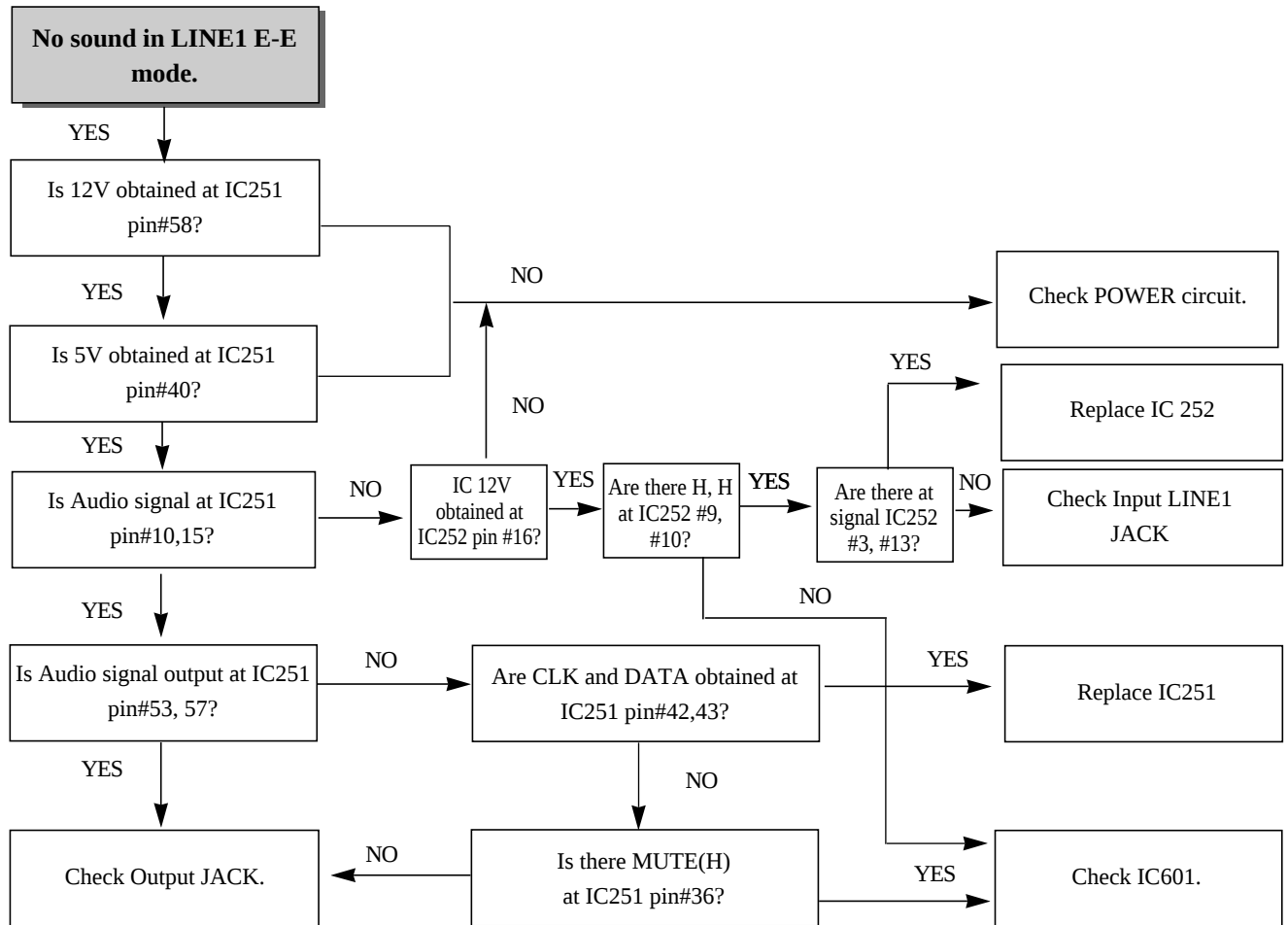
A. No sound in E-E mode

A-1. TV E-E



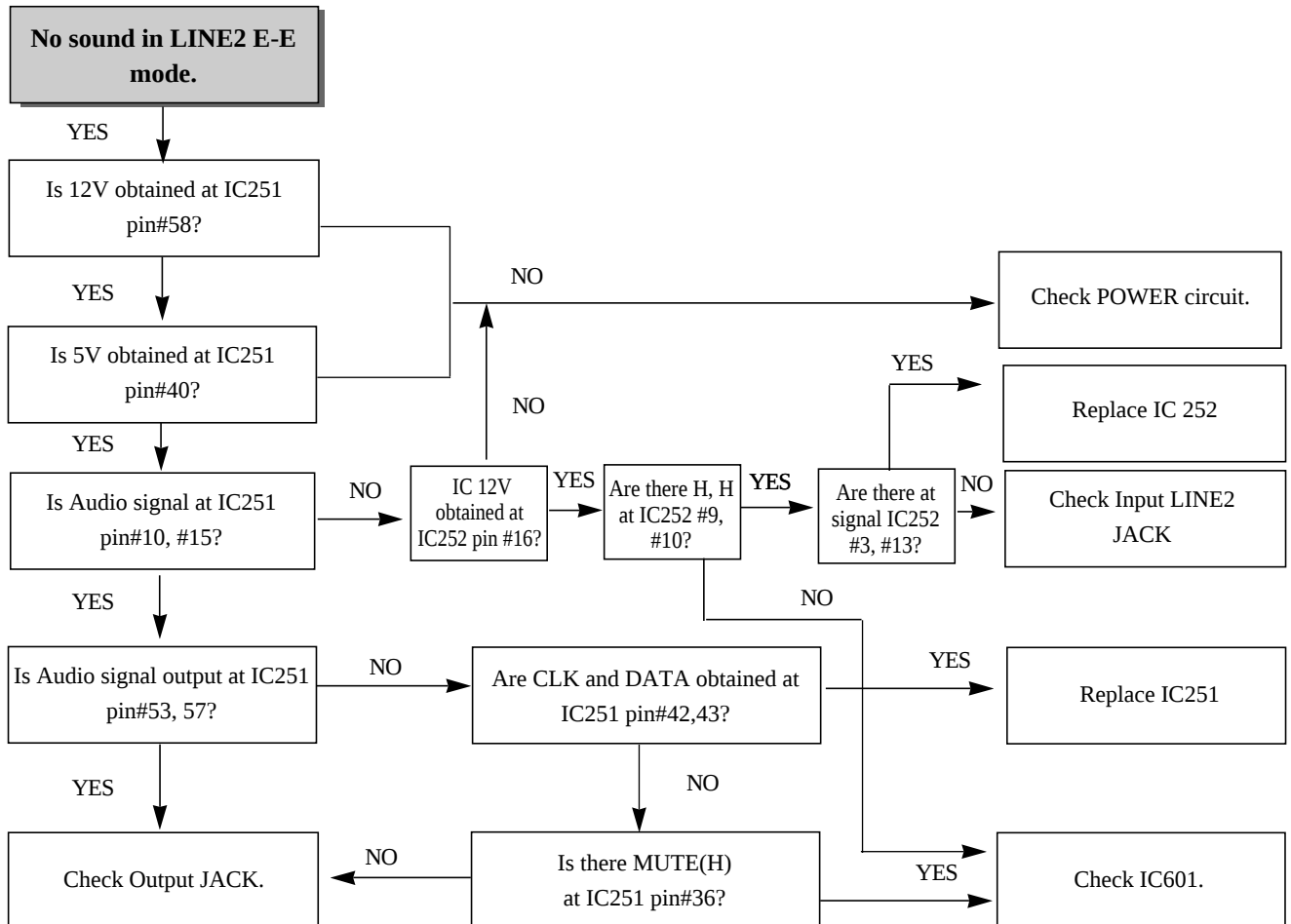
TROUBLESHOOTING GUIDES (Continued)

A-2. LINE1 E-E



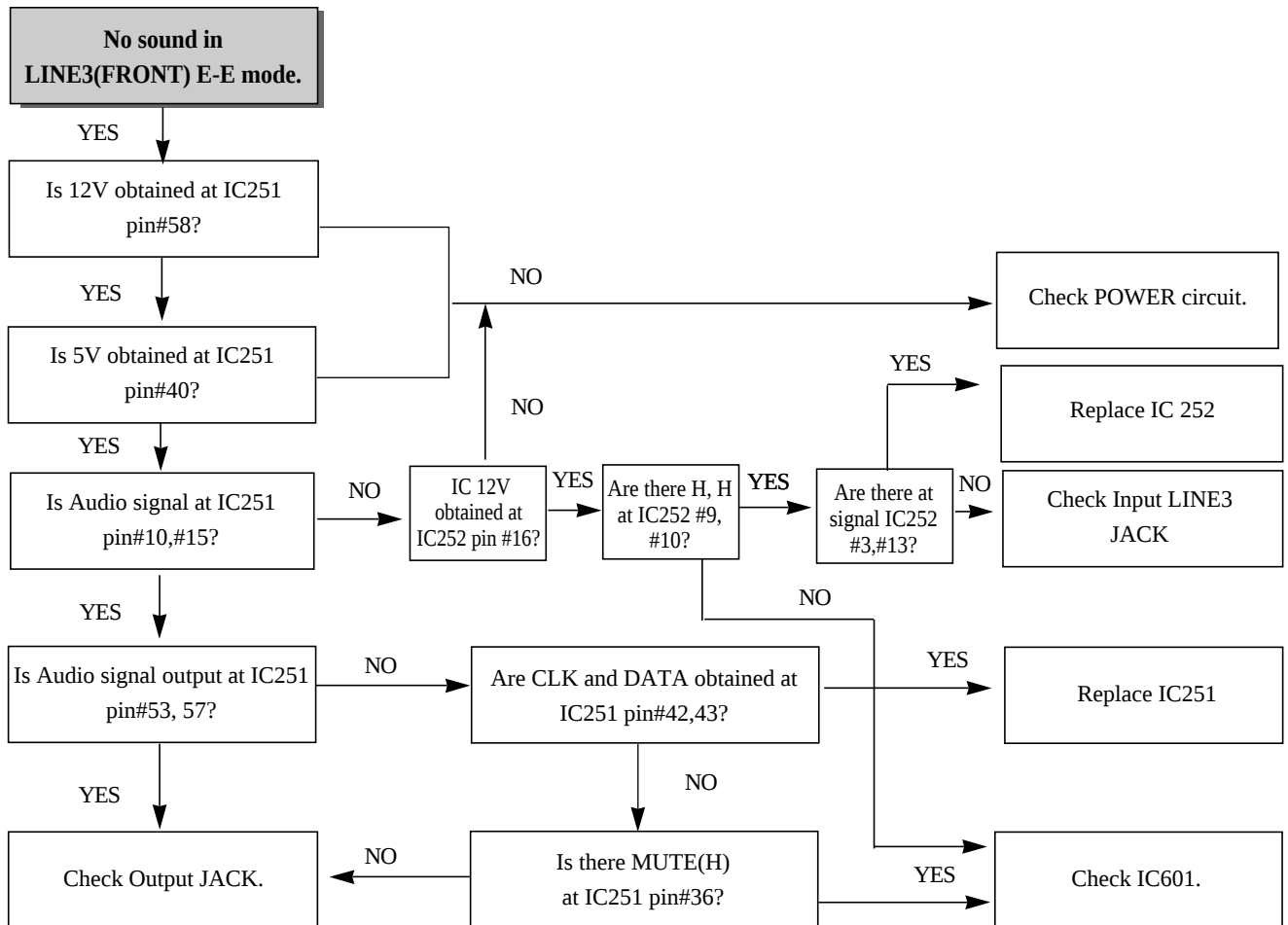
TROUBLESHOOTING GUIDES (Continued)

A-3. LINE2 E-E



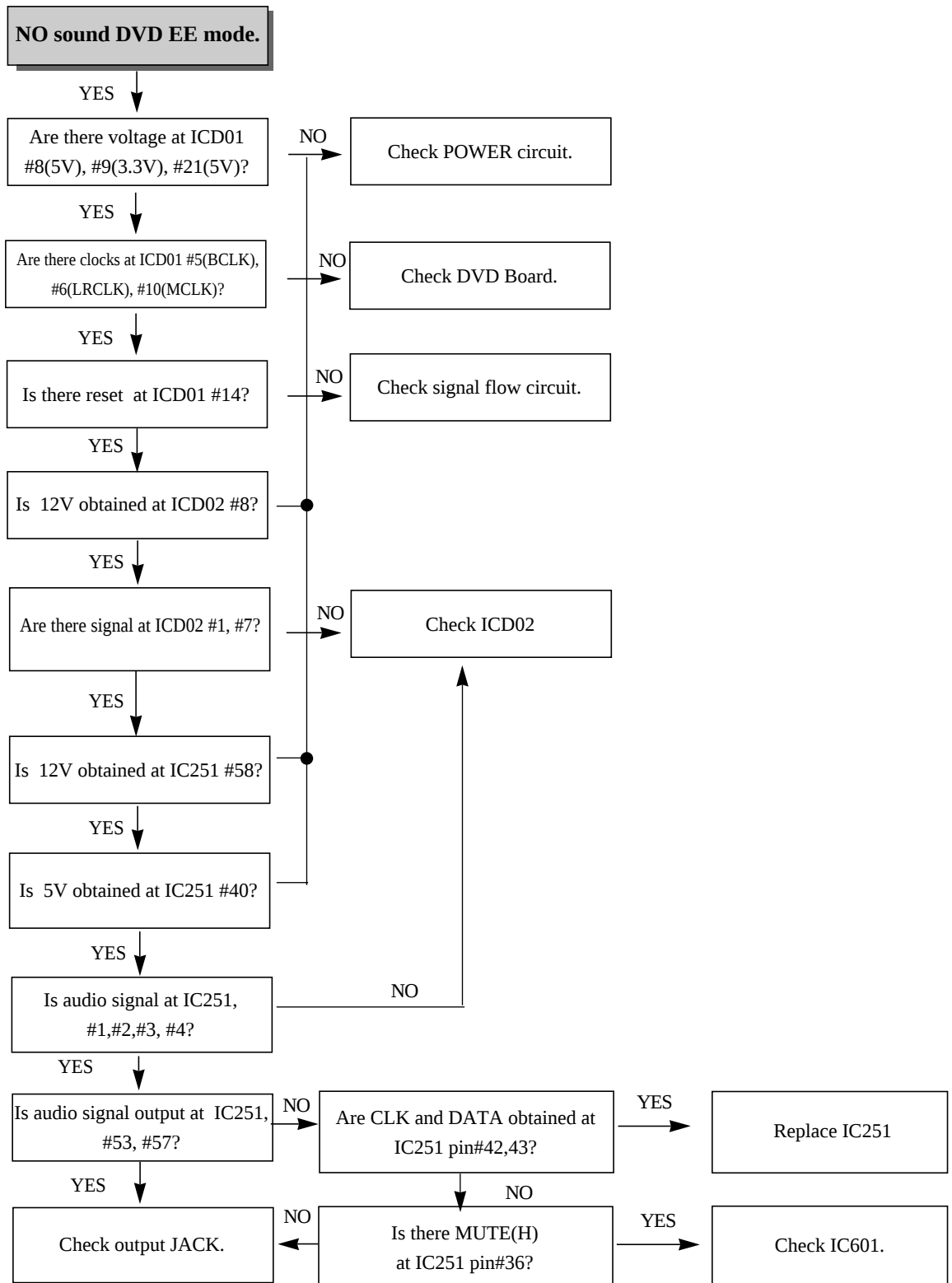
TROUBLESHOOTING GUIDES (Continued)

A-4. LINE3 (FRONT) E-E



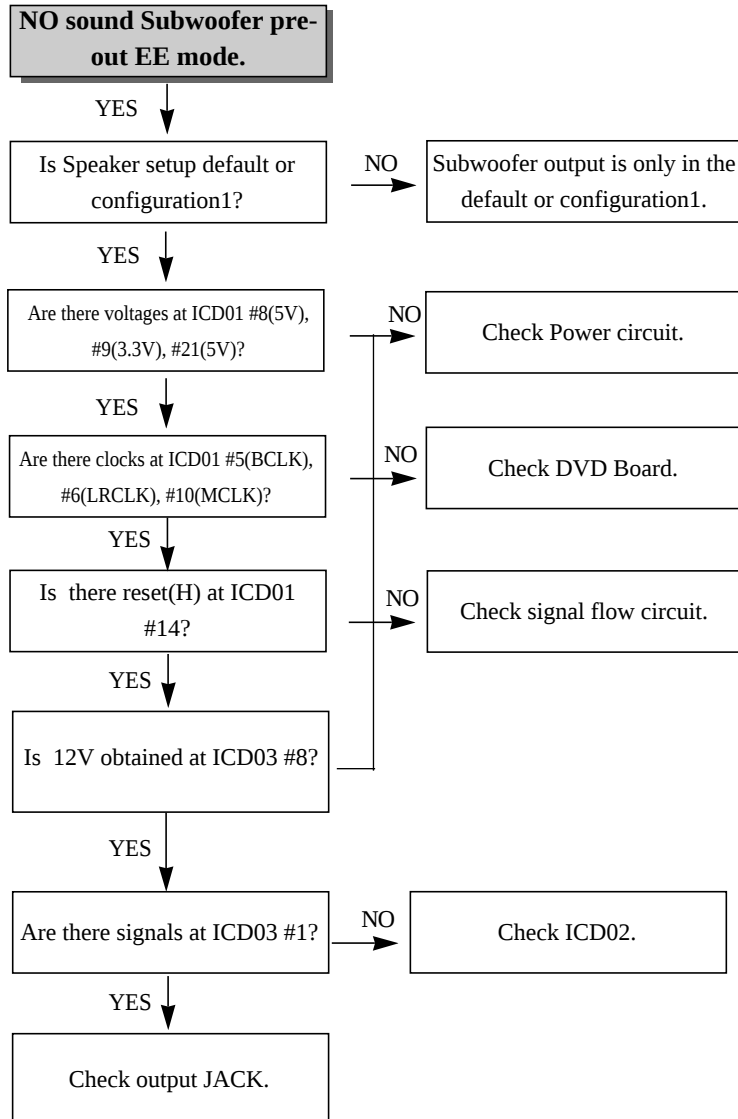
TROUBLESHOOTING GUIDES (Continued)

A-5. DVD E-E



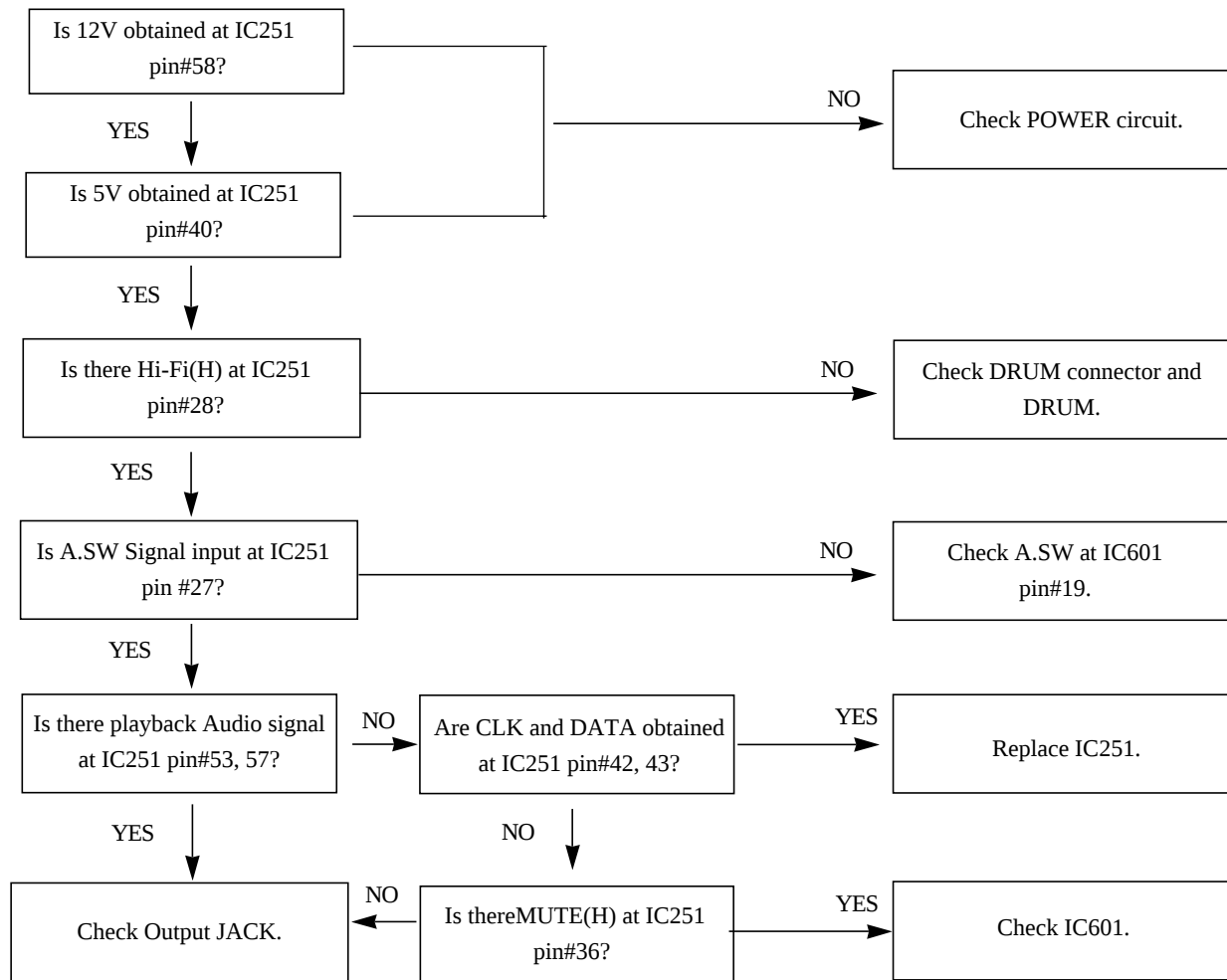
TROUBLESHOOTING GUIDES (Continued)

A-6. SUBWOOFER PRE-OUT E-E



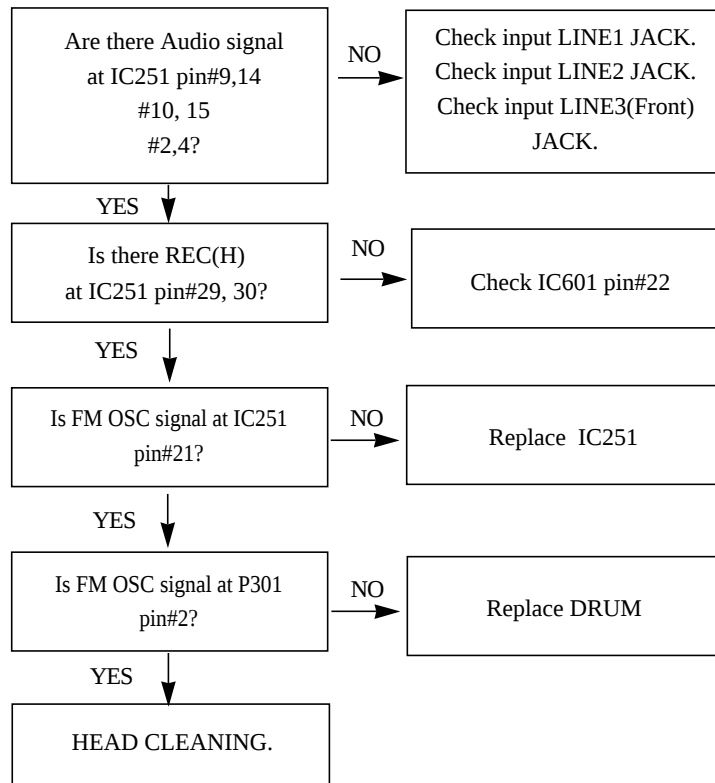
TROUBLESHOOTING GUIDES (Continued)

B. No Hi-Fi playback audio (PLAY MODE)



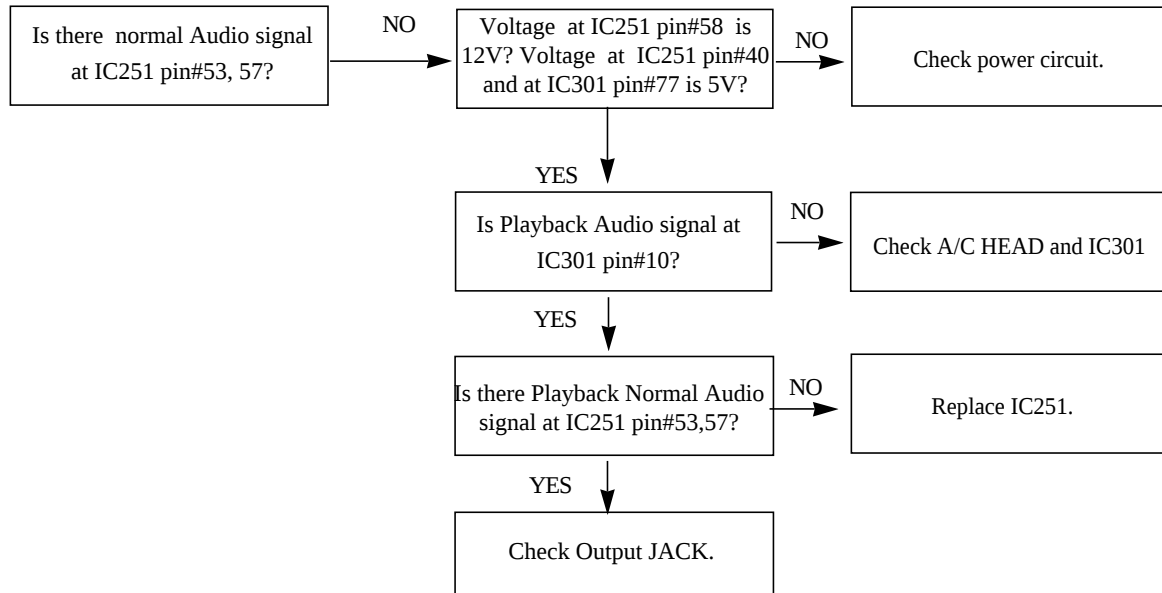
TROUBLESHOOTING GUIDES (Continued)

c. No Hi-Fi playback in record/playback mode(REC MODE)



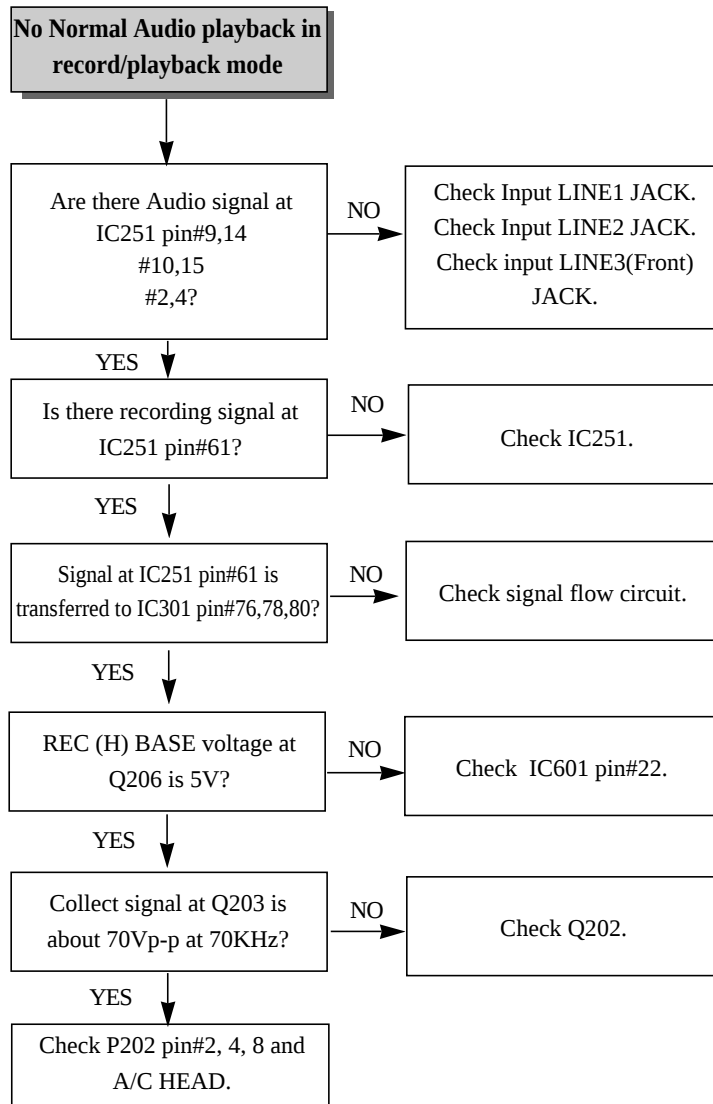
TROUBLESHOOTING GUIDES (Continued)

D. No NORMAL AUDIO playback (PLAY MODE)



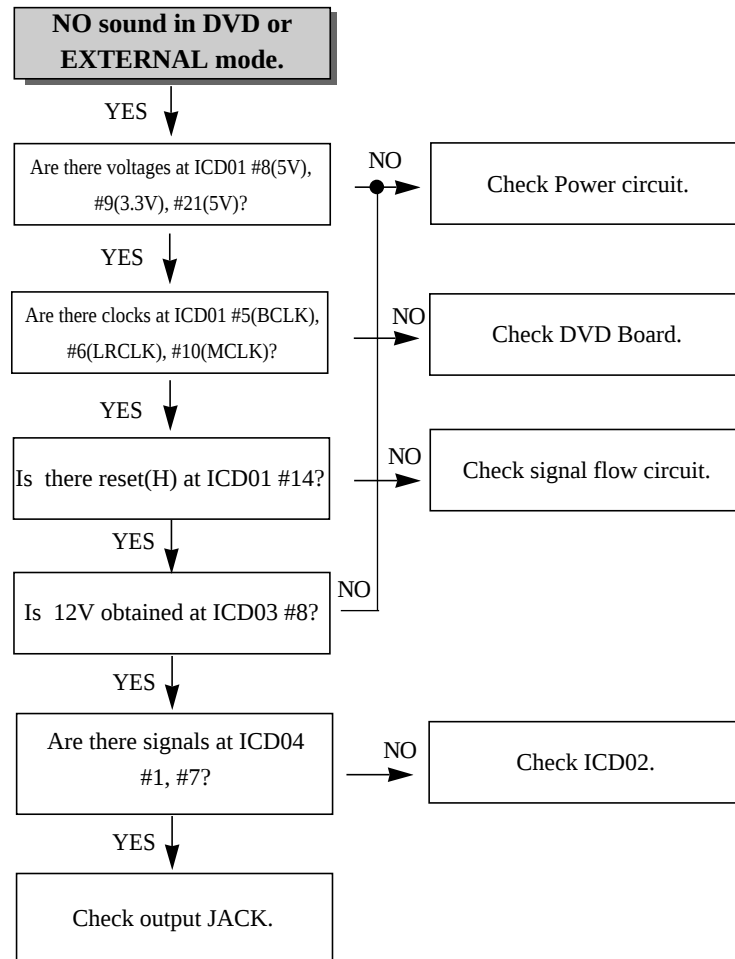
TROUBLESHOOTING GUIDES (Continued)

E. No NORMAL AUDIO playback in record/playback mode(Check in REC mode)

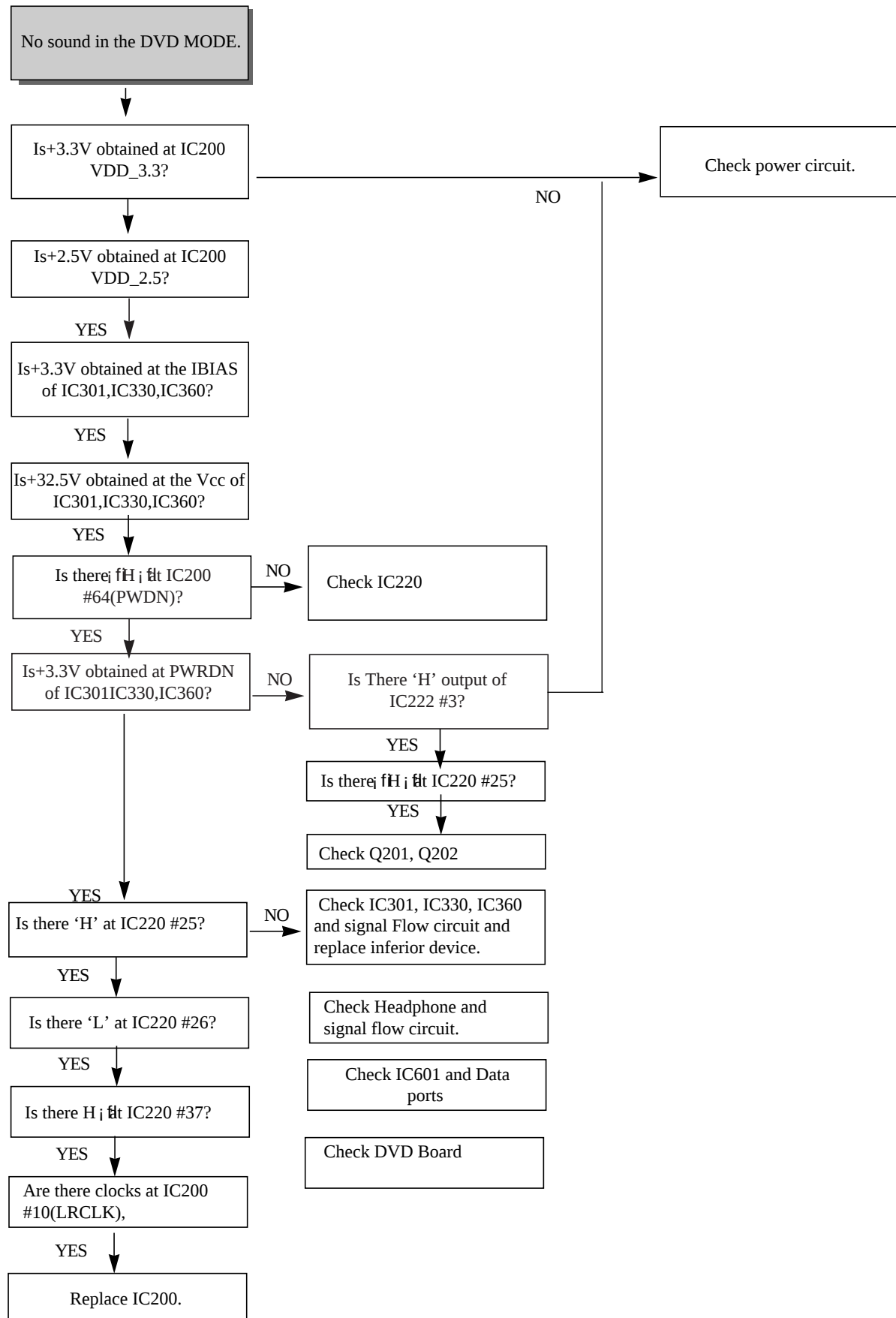


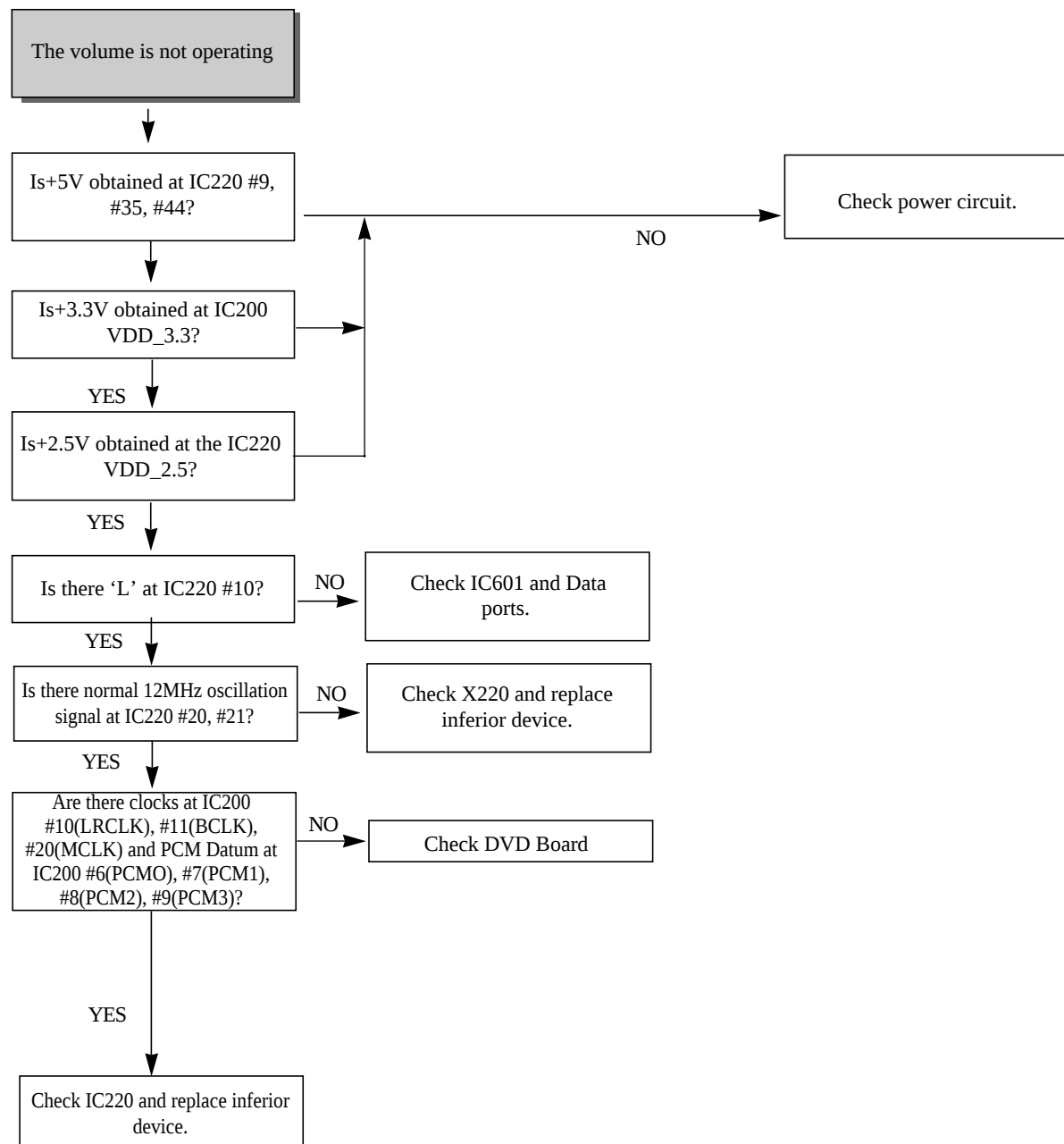
TROUBLESHOOTING GUIDES (Continued)

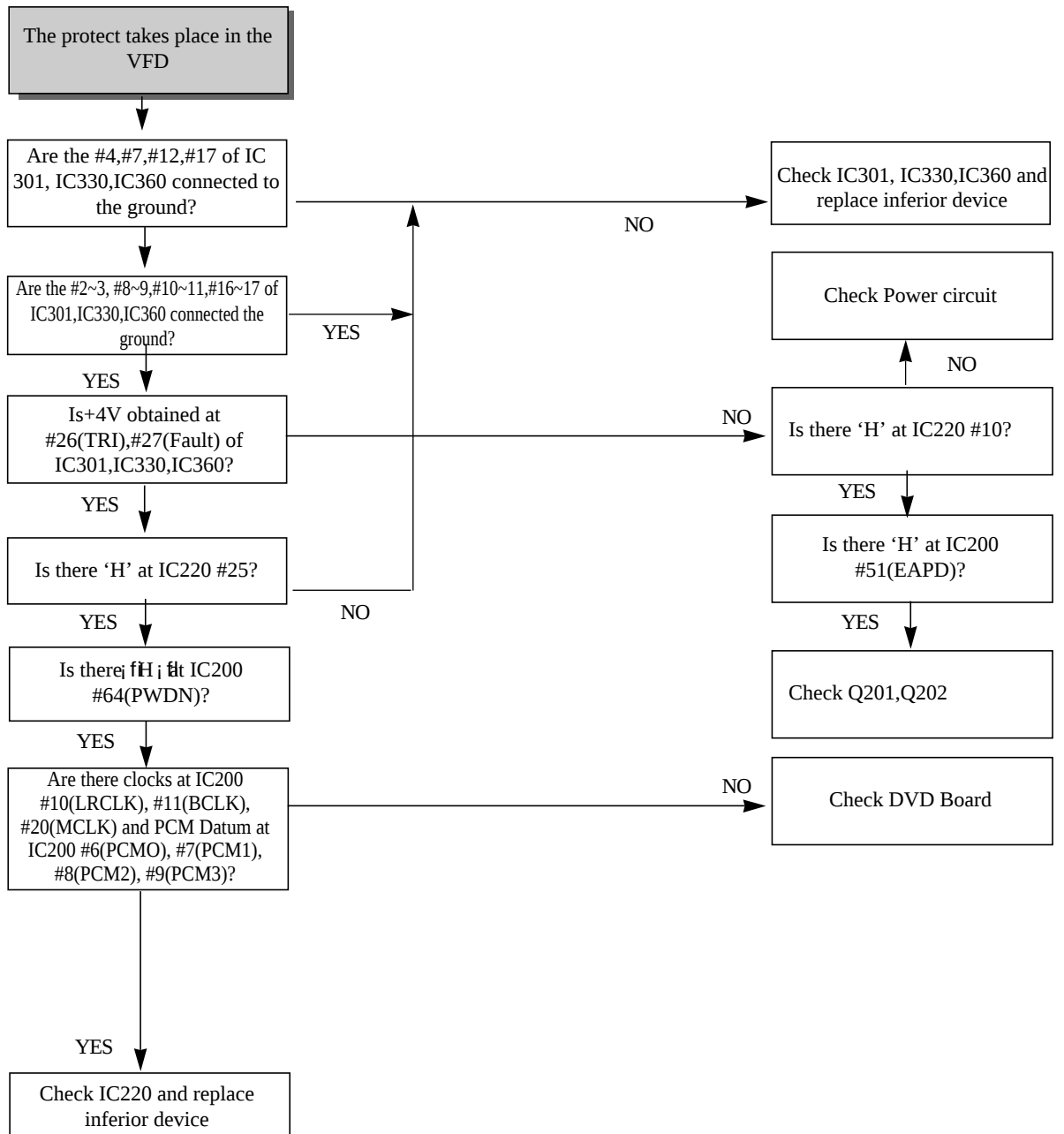
2. HEADPHONE

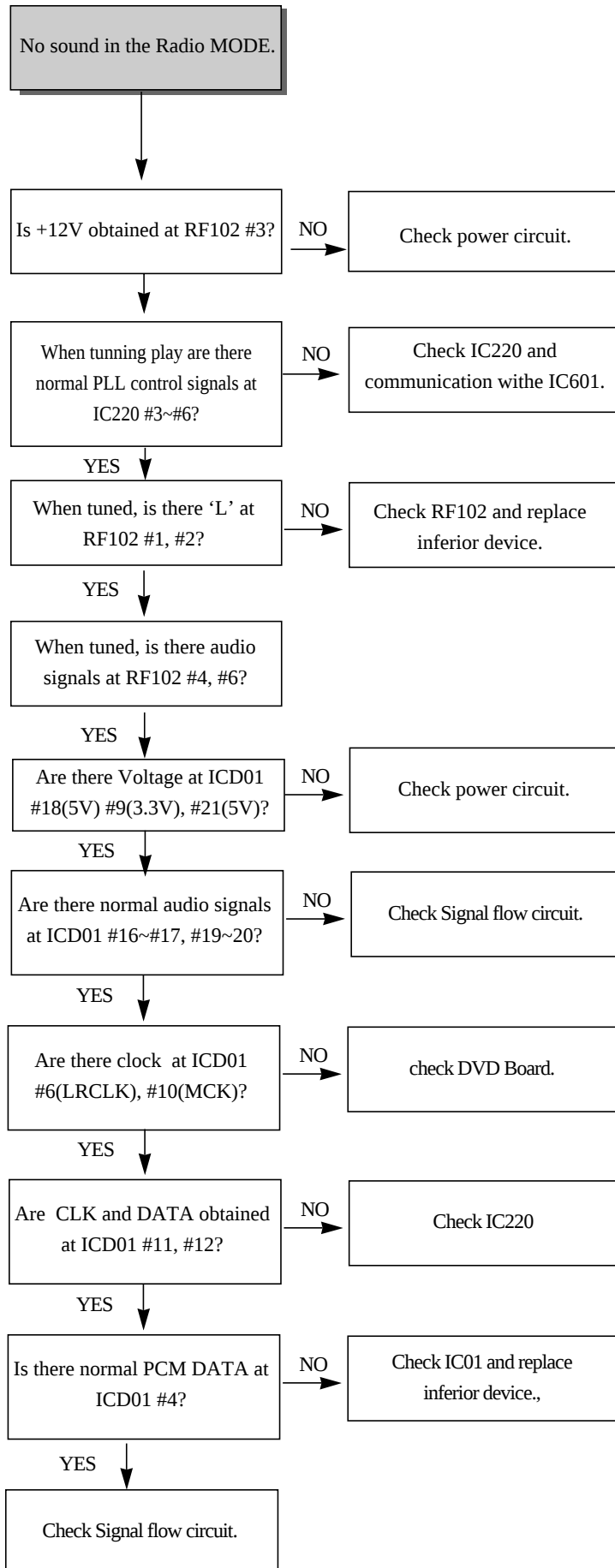


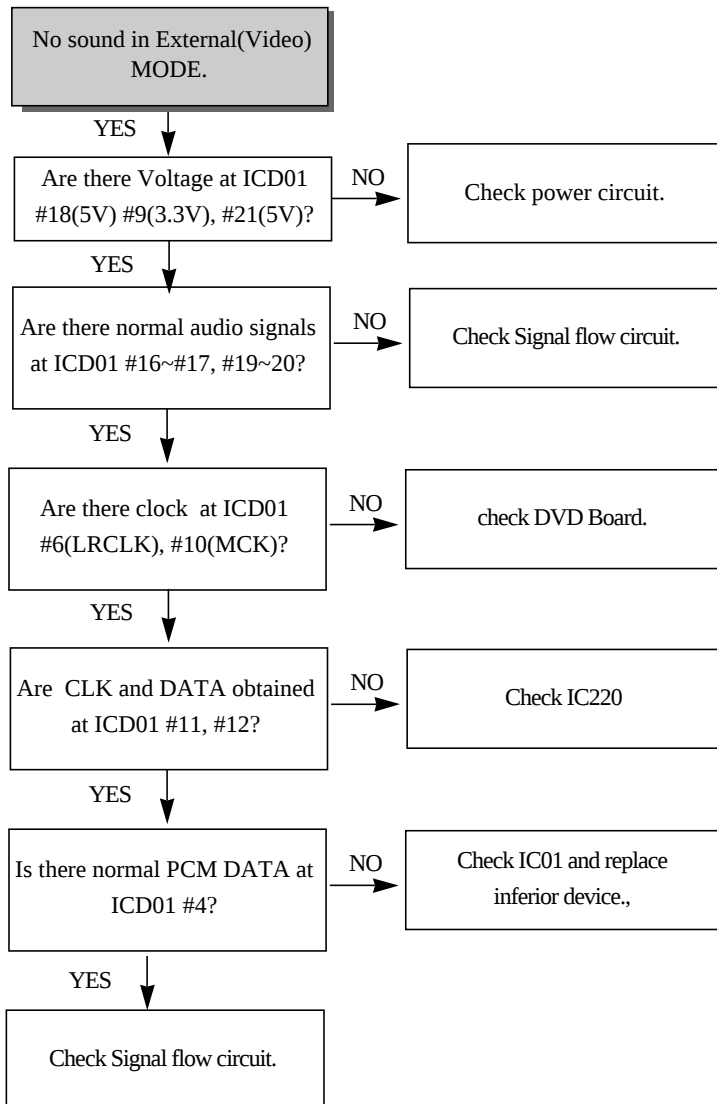
TROUBLESHOOTING GUIDES (Continued)











1. SERVO/SYSCON/TIMER MI-COM VOLTAGE CHARTS (RTD300)

MODE PIN No.	IC MI-COM (IC601)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2	4.5	4.5	4.5	4.5	4.5	4.5	4.5
3	4.5	4.5	4.5	4.5	4.5	4.5	4.5
4	4.0	4.0	4.0	4.0	4.0	4.0	4.0
5	0	0	0	0	0	0	0
6	5.1	5.1	5.1	5.1	5.1	5.1	5.1
7	0	0	0	0	0	0	0
8	2	2	2	2	2	2	2
9	4.3	4.3	4.3	4.3	0.1	4.3	0.1
10	1.2	1.2	3	1.2	2.5	1.2	2
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0.1	0	0.1
14	5.2	5.2	5.2	5.2	5.2	5.2	5.2
15	2.6	2.6	2.6	2.6	2.8	2.6	5
16	0	0	5.1	0	3	0	2.6
17	0	0	0	0	3.3	0	0
18	2.6	2.6	2.6	2.6	2.6	2.6	2.6
19	2.6	2.6	2.6	2.6	2.6	2.6	2.6
20	5.1	5.1	5.1	5.1	5.1	5.1	5.1
21	0	0	0	0	0	0	0
22	0	5	0	0	0	0	0
23	0	0	0	0	0	0	0
24	5	5	5	0	5	5	5
25	5	5	5	5	5	5	5
26	0	0	0	5	0	0	0
27	5.1	0	0	0	5.1	0	5.1
28	1.6	1.6	1.6	1.6	1.6	1.6	0
29	5.1	5.1	5.1	5.1	5.1	5.1	5.1
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0
33	0	0	5	0	0	0	0
34	5.1	5.1	5.1	5.1	5.1	5.1	5.1
35	1.6	1.6	1.6	1.6	1.6	1.6	1.6
36	1.6	1.6	1.6	1.6	1.6	1.6	1.6
37	5.1	5.1	5.1	5.1	5.1	5.1	5.1
38	2.2	2.2	2.2	2.2	2.2	2.2	2.2
39	1.9	1.9	1.9	1.9	1.9	1.9	1.9
40	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0
42	5	5	5	5	5	5	5
43	5.1	5.1	5.1	5.1	5.1	5.1	5.1

MODE PIN No.	IC MI-COM (IC601)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
44	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0
50	1.9	1.9	1.8	1.9	1.8	1.9	1.7
51	2.8	2.8	2.8	2.8	2.8	2.8	2.8
52	1.9	1.9	1.8	1.9	1.8	1.9	1.7
53	5.2	5.2	5.2	5.2	5.2	5.2	5.2
54	2.2	2.2	2.2	2.2	2.2	2.2	2.2
55	1.5	1.6	1.6	1.6	2.5	1.6	1.6
56	2	2	2	2	2	2	2
57	0	0	0	0	0	0	0
58	0.3	0.3	0.3	0.3	0.3	0.3	0.3
59	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0
64	5	5	5	5	5	5	5
65	5.1	5.1	5.1	5.1	5.1	5.1	5.1
66	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67	5.1	5.1	5.1	5.1	5.1	5.1	5.1
68	4.9	4.9	4.9	4.9	4.9	4.9	4.9
69	5.1	5.1	5.1	5	5.1	5.1	5.1
70	5	5	5	5	5	5	5
71	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72	4.6	4.6	4.6	4.6	4.6	4.6	4.6
73	5	5	5	5	5	5	5
74	5.1	5.1	5.1	5.1	5.1	5.1	5.1
75	0.2	0.2	0.2	0.2	0.2	0.2	0.2
76	2.7	2.7	2.7	2.7	0	2.7	2.7
77	0	2.9	2.9	2.9	2.9	0	5.1
78	5	5	5	5	5	5	5
79	vary	vary	vary	vary	vary	vary	vary
80	vary	vary	vary	vary	vary	vary	vary
81	0	0	0	0	0	0	0
82	2.7	2.7	2.7	2.7	2.7	2.7	2.7
83	5.1	5.1	5.1	5.1	5.1	5.1	5.1
84	5.1	0	0	0	5.1	0	0
85	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0

MODE PIN No.	IC MI-COM (IC601)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
87	3.9	2.5	2.5	2.5	2.5	3.8	3.9
88	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0
90	1.4	1.4	1.4	1.4	1.4	1.4	1.4
91	2.6	2.6	2.6	2.6	2.6	2.6	2.6
92	2.6	2.6	2.6	2.6	2.6	2.6	2.6
93	0	0	0	0	0	0	0
94	2.5	2.2	2.5	2.5	2.5	2.5	2.5
95	2.5	2.8	2.5	2.5	2.5	2.5	2.5
96	2.6	2.6	2.6	2.6	2.6	2.6	2.6
97	2.6	2.6	2.6	2.6	2.6	2.6	2.6
98	5.1	5.1	5.1	5.1	5.1	5.1	5.1
99	5.1	5.1	5.1	5.1	5.1	5.1	5.1
100	4.6	4.6	4.6	4.6	4.6	4.6	4.6

2. IC EEPROM/SYNC SRPA/RESET/TR VOLTAGE CHARTS

MODE PIN No.	IC EEPROM(IC603)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0

MODE PIN No.	IC EEPROM(IC603)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
5	4.6	4.6	4.6	4.6	4.6	4.6	4.6
6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
7	0	0	0	0	0	0	0
8	5.1	5.1	5.1	5.1	5.1	5.1	5.1

MODE PIN No.	TR(Q601)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
E	0.2	0.2	2.0	0.2	2.0	0.2	2.0
C	5.2	5.2	5.2	5.2	5.2	5.2	5.2
B	0.8	0.8	2.3	0.8	2.3	0.8	2.3

3. IC DRIVER/SWITCH VOLTAGE CHARTS

MODE PIN No.	IC DRIVER (IC701)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
2	0	5.1	0	0	0	5.1	0
3	0	0	5	5	5	0	5
4	5	5	5	5	5	5	5
5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
6	4.9	4.9	4.9	4.9	4.9	4.9	4.9
7	4.9	4.9	4.9	4.9	4.9	4.9	4.9
8	4.9	4.9	4.9	4.9	4.9	4.9	4.9
9	5	5	5	5	5	5	5
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	5	5	5	5	5	5	5
14	-26	-26	-26	-26	-26	-26	-26
15	-26	-26	-26	-26	-26	-26	-26
16	-26	-26	-26	-26	-26	-26	-26
17	-26	-26	-26	-26	-26	-26	-26
18	-26	-26	-26	-26	-26	-26	-26
19	-26	-26	-26	-26	-26	-26	-26
20	-26	-26	-26	-26	-26	-26	-26
21	-26	-26	-26	-26	-26	-26	-26
22	-26	-26	-26	-26	-26	-26	-26

MODE PIN No.	IC DRIVER (IC701)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
23	-24	-24	-24	-24	-24	-24	-24
24	-24	-24	-24	-24	-24	-24	-24
25	-24	-24	-24	-24	-24	-24	-24
26	-24	-24	-24	-24	-24	-24	-24
27	-24	-24	-24	-24	-24	-24	-24
28	-24	-24	-24	-24	-24	-24	-24
29	-24	-24	-24	-24	-24	-24	-24
30	-25.7	-25.7	-25.7	-25.7	-25.7	-25.7	-25.7
31	-22	-22	-22	-22	-22	-22	-22
32	-22	-22	-22	-22	-22	-22	-22
33	-22	-22	-22	-22	-22	-22	-22
34	-22	-22	-22	-22	-22	-22	-22
35	-22	-22	-22	-22	-22	-22	-22
36	-22	-22	-22	-22	-22	-22	-22
37	-22	-22	-22	-22	-22	-22	-22
38	-22	-22	-22	-22	-22	-22	-22
39	-22	-22	-22	-22	-22	-22	-22
40	-22	-22	-22	-22	-22	-22	-22
41	-22	-22	-22	-22	-22	-22	-22
42	-22	-22	-22	-22	-22	-22	-22
43	-22	-22	-22	-22	-22	-22	-22
44	-22	-22	-22	-22	-22	-22	-22

4. VIDEO(LUMA/CHROMA) AND LINEAR AUDIO VOLTAGE CHARTS

MODE PIN No.	IC VIDEO/AUDIO (IC301)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2	2.4	3.0	2.4	2.4	2.4	2.4	2.4
3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6	2.4	2.4	2.4	2.4	2.4	2.4	2.4
7	0.0	1.7	0.0	0.0	0.0	0.0	0.0
8	2.4	2.3	2.4	2.4	2.4	2.4	2.4
9	2.4	2.3	2.4	2.4	2.4	2.4	2.4
10	2.4	2.3	2.4	2.4	2.4	2.4	2.4
11	0.8	4.4	0.8	0.8	0.8	0.8	0.8
12	1.0	1.0	1.0	1.0	1.0	1.0	1.1
13	0.8	0.8	0.8	0.8	0.8	0.8	0.9
14	1.7	1.7	1.7	1.7	1.6	1.7	1.8
15	1.5	1.4	1.7	1.4	1.5	1.4	1.6
16	0.0	0.0	0.0	0.0	0.0	0.0	0.1
17	4.4	4.4	4.4	4.4	4.4	4.4	4.4
18	2.4	2.4	1.4	2.4	1.4	2.4	1.5
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	2.4	2.5	2.2	2.5	2.7	2.5	2.3
21	1.8	1.8	1.5	1.8	1.8	1.8	1.5
22	3.0	3.0	2.9	3.0	3.0	3.0	2.9
23	5.2	5.2	5.2	5.2	5.2	5.2	5.2
24	0.0	0.0	0.0	0.0	0.5	0.0	0.2
25	0.3	0.3	3.5	0.3	4.6	0.3	0.4
26	1.9	1.9	1.9	1.9	1.9	1.9	2.0
27	1.4	1.5	1.6	1.4	1.6	1.4	1.6
28	2.4	2.4	2.4	2.4	2.4	2.4	2.3
29	2.3	2.3	2.4	2.3	2.3	2.3	2.3
30	2.4	2.4	2.4	2.4	2.4	2.4	2.4
31	4.0	4.0	4.0	4.0	4.0	4.0	4.0
32	2.4	2.4	2.4	2.4	2.4	2.4	2.4
33	3.6	2.6	2.7	2.7	2.3	3.6	2.6
34	2.9	2.9	2.9	2.9	3.0	2.9	2.8
35	3.1	2.9	3.1	3.1	3.1	3.1	3.1
36	2.7	2.7	2.7	2.7	2.6	2.7	2.7
37	2.7	2.7	2.7	2.7	2.8	2.8	2.8
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	1.6	1.6	1.6	1.6	1.5	1.6	1.6
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MODE PIN No.	IC VIDEO/AUDIO (IC301)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
41	0.8	0.8	0.8	0.8	0.8	0.8	0.8
42	2.4	2.4	2.4	2.4	2.4	2.4	2.4
43	4.1	4.1	4.1	4.1	0.4	0.4	4.2
44	5.2	5.2	5.2	5.2	5.2	5.2	5.2
45	5.2	5.2	5.2	5.2	5.2	5.2	5.2
46	2.4	2.4	3.4	2.4	3.4	2.5	3.5
47	3.3	3.3	3.3	3.3	3.2	3.3	3.3
48	3.3	2.8	3.3	3.3	3.2	3.3	3.4
49	4.2	4.1	4.2	4.2	4.1	4.2	4.2
50	2.9	2.8	2.9	2.9	2.9	2.9	2.9
51	2.1	2.1	2.1	2.1	2.1	2.1	2.1
52	5.2	5.2	5.2	5.2	5.2	5.2	5.2
53	4.6	4.8	4.8	4.7	4.9	4.6	4.7
54	4.6	4.8	4.8	4.6	4.8	4.6	4.7
55	0.4	0.1	0.1	0.2	0.1	3.7	0.3
56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57	0.0	2.6	2.6	2.6	2.6	2.6	3.5
58	1.8	1.8	1.8	1.8	4.3	1.8	4.3
59	0.7	0.7	2.9	0.7	2.7	0.7	2.3
60	0.0	0.0	0.0	0.0	3.1	0.0	0.1
61	3.0	2.1	2.1	3.0	2.1	3.0	2.1
62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63	4.3	4.3	4.2	4.3	4.3	4.3	4.2
64	1.7	1.7	2.1	1.7	1.3	1.8	1.7
65	0.7	0.7	2.1	0.7	2.1	0.7	1.5
66	0.7	0.7	2.1	0.7	2.1	0.7	1.5
67	0.7	0.7	2.1	0.7	2.1	0.7	1.5
68	5.1	5.1	5.1	5.1	5.1	5.2	5.1
69	1.8	1.8	0.0	1.8	0.0	1.8	0.0
70	1.9	1.9	0.0	1.9	0.0	1.9	0.0
71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	4.4	4.3	2.1	4.3	2.1	4.3	1.5
73	4.3	4.3	2.1	4.3	2.1	4.3	1.5
74	4.4	4.3	2.1	4.3	2.1	4.3	1.5
75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	2.4	2.4	2.3	2.4	2.4	2.4	2.4
77	5.2	5.1	5.2	5.2	5.2	5.2	5.2
78	2.4	2.4	2.4	2.4	2.4	2.4	2.4
79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	2.4	2.4	2.4	2.4	2.4	2.4	2.4

5. VIDEO SWITCHING IC VOLTAGE CHARTS

MODE PIN No.	IC401						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
3	2	2	2	2	2	2	2
4	1.9	1.9	1.9	1.9	1.9	1.9	1.9
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	4.1	4.1	4.1	4.1	4.1	4.1	4.1

MODE PIN No.	IC DRIVER (IC701)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
9	4.1	4.1	4.1	4.1	4.1	4.1	4.1
10	4.1	4.1	4.1	4.1	4.1	4.1	4.1
11	3.4	3.4	3.4	3.4	3.4	3.4	3.4
12	3.4	3.4	3.4	3.4	3.4	3.4	3.4
13	3.4	3.4	3.4	3.4	3.4	3.4	3.4
14	0.8	0.8	0.8	0.8	0.8	0.8	0.8
15	12.1	12.1	12.1	12.1	12.1	12.1	12.1

MODE PIN No.	TR						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
Q301							
E	2.3	2.3	2.3	2.3	2.3	2.3	2.3
C	0	0	0	0	0	0	0
B	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Q302							
E	4.1	4.1	4.1	4.1	4.1	4.1	4.1
C	5.9	5.9	5.9	5.9	5.9	5.9	5.9
B	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Q304							
E	0	0.6	0	0	0	0	0
C	3	0	3	3	3	3	3
B	0	0	0	0	0	0	0
Q305							
E	3.5	3.5	3.5	3.5	3.5	3.5	3.5
C	0	0	0	0	0	0	0
B	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Q401							
E	1.7	1.7	1.7	1.7	1.7	1.7	1.7
C	0	0	0	0	0	0	0
B	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Q102							
E	2.7	2.7	2.7	2.7	2.7	2.7	2.7
C	0	0	0	0	0	0	0
B	2	2	2	2	2	2	2

MODE PIN No.	TR						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
Q103							
E	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C	0	0	0	0	0	0	0
B	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Q104							
E	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C	0	0	0	0	0	0	0
B	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Q105							
E	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C	0 0	0	0	0	0	0	
B	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Q106							
E	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C	0	0	0	0	0	0	0
B	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Q107							
E	1.8	1.8	1.8	1.8	1.8	1.8	1.8
C	0	0	0	0	0	0	0
B	2.5	2.5	2.5	2.5	2.5	2.5	2.5

6. HIFI AUDIO IC VOLTAGE CHARTS

MODE PIN No.	IC Hi-Fi (IC251)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2	0	0	0	0	0	0	0
3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
4	0	0	0	0	0	0	0
5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
7	2	2	2	2	2	2	2
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	2	2	2	2	2	2	2
13	2.3	2.3	2.3	2.3	2.3	2.2	2.3
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	2.6	2.5	2.5	2.5	2.6	2.5	2.5
17	0.7	0.7	0.7	0.7	0.7	0.7	0.4
18	2.6	2.5	2.5	2.5	2.6	2.5	2.5
19	2.6	2.5	2.5	2.5	2.6	2.5	2.5
20	2.6	2.6	0	2.6	2.6	2.6	2.6
21	2.6	2.6	0	2.6	2.6	2.6	2.6
22	2.6	2.6	0.6	2.6	2.6	2.6	2.6
23	0	0	0	0	0	0	0
24	2.6	2.6	0.6	2.6	2.6	2.6	2.6
25	5	5	5	5	5	5	5
26	2.6	2.6	0	2.6	2.6	2.6	0
27	2.5	2.5	2.5	2.6	2.5	2.5	2.6
28	0.1	0.1	4.2	0.1	0.1	0.1	0.1
29	1.9	4.5	1.8	1.8	1.8	1.8	1.8
30	1.9	4.5	1.8	1.8	1.8	1.8	1.8
31	0	1.1	2	0	0	0	3.1
32	2.5	2.5	2.5	2.6	2.6	2.5	2.5

MODE PIN No.	IC VIDEO/AUDIO (IC301)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
33	2.6	2.5	2.5	2.5	2.5	2.5	2.5
34	0.7	0.7	0.7	0.7	0.7	0.7	0.4
35	2.6	2.5	2.5	2.5	2.5	2.5	2.4
36	0	0	0	0	0	0	5
37	1.7	1.7	1.7	1.6	1.7	1.6	1.6
38	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0
40	5	5	5	5	5	5	5
41	0	0	0	0	0	0	0
42	4.8	4.8	4.8	4.8	4.8	4.8	4.8
43	4.8	4.8	4.8	4.8	4.8	4.8	4.8
44	2.3	2.3	2.3	2.3	2.3	2.3	2.3
45	0	0	0	0	0	0	0
46	3.6	3.5	3.5	3.5	3.6	3.5	3.5
47	1.4	1.4	1.4	1.4	1.4	1.4	1.4
48	2.1	2.1	2.2	2.2	2.1	2.1	2.1
49	3.2	3.2	3.2	3.2	3.2	3.2	3.2
50	3	3	3	3	3	3	3
51	5	5	5	5	5	5	5
52	3	3	3	3	3	3	3
53	6	6	6	6	6	6	6
54	2.4	2.4	2.4	2.4	2.4	2.4	2.4
55	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0
57	6	6	6	6	6	6	6
58	12.4	12.4	12.4	12.4	12.4	12.4	12.4
59	6	6	6	6	6	6	6
60	0.1	0.1	0.1	0.1	0.1	0.1	0.1
61	2.5	2.5	2.5	2.5	2.5	2.5	2.5
62	2	2	2	2	2	2	2
63	2.4	2.4	2.4	2.4	2.4	2.4	2.4
64	0.4	0.4	0.4	0.4	0.4	0.4	0.4

7. AUDIO SWITCHING IC VOLTAGE CHART

MODE PIN No.	SWITCH IC (IC252)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	5.8	5.8	5.8	5.8	5.8	5.8	5.8
2	5.8	5.8	5.8	5.8	5.8	5.8	5.8
3	5.8	5.8	5.8	5.8	5.8	5.8	5.8
4	5.8	5.8	5.8	5.8	5.8	5.8	5.8
5	5.8	5.8	5.8	5.8	5.8	5.8	5.8
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0

MODE PIN No.	SWITCH IC (IC252)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
9	4	4	4	4	4	4	4
10	4	4	4	4	4	4	4
11	5.8	5.8	5.8	5.8	5.8	5.8	5.8
12	5.85.8	5.8	5.8	5.8	5.8	5.8	5.8
13	5.8	5.8	5.8	5.8	5.8	5.8	5.8
14	5.8	5.8	5.8	5.8	5.8	5.8	5.8
15	5.8	5.8	5.8	5.8	5.8	5.8	5.8
16	12	12	12	12	12	12	12

8. TMI VOLTAGE CHART

MODE PIN No.	TMI (RF101)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1	0	0	0	0	0	0	0
2	0.4	0.4	0.4	0.4	0.4	0.4	0.4
3	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5
5	1.4	1.4	1.3	1.5	1.3	1.5	1.3
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0

MODE PIN No.	TMI (RF101)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
9	4.7	4.8	4.8	4.8	4.8	4.7	4.8
10	4.7	4.8	4.8	4.7	4.8	4.7	4.7
11	2.2	2.1	2.2	2.2	2.2	2.2	2.2
12	2.1	2.1	2.1	2.1	2.1	2.1	2.1
13	0	0	0	0	0	0	0
14	31.4	31.4	31.4	31.4	31.4	31.4	31.4
15	0	0	0	0	0	0	0
16	1.3	1.3	1.3	1.3	1.3	1.4	1.3

9. IC CODEC CS4228 VOLTAGE CHART

MODE PIN No.	IC CODEC (ICD01)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
1(*)	0	3.3	3.3	0	0	3.3	0
2	0	3.3	3.3	0	0	3.3	0
3	0	3.3	3.3	0	0	3.3	0
4	3.3	3.3	3.3	3.3	3.3	3.3	3.3
5	3.3	3.3	3.3	3.3	3.3	3.3	3.3
6	3.3	3.3	3.3	3.3	3.3	3.3	3.3
7	0	0	0	0	0	0	0
8	5	5	5	5	5	5	5
9	3.3	3.3	3.3	3.3	3.3	3.3	3.3
10	1.6	1.6	1.6	1.6	1.6	1.6	1.6
11	3.3	3.3	3.3	3.3	3.3	3.3	3.3
12	3.3	3.3	3.3	3.3	3.3	3.3	3.3
13	0	0	0	0	0	0	0
14	3.3	3.3	3.3	3.3	3.3	3.3	3.3

MODE PIN No.	IC CODEC (ICD01)						
	STOP	REC	PLAY	REW/ F.FWD	REV/FWD SEARCH	REC PAUSE	PLAY PAUSE
15	3.3	3.3	3.3	3.3	3.3	3.3	3.3
16	2.2	2.2	2.2	2.2	2.2	2.2	2.2
17	2.2	2.2	2.2	2.2	2.2	2.2	2.2
18	3.7	3.7	3.7	3.7	3.7	3.7	3.7
19	2.2	2.2	2.2	2.2	2.2	2.2	2.2
20	2.2	2.2	2.2	2.2	2.2	2.2	2.2
21	5.1	5.1	5.1	5.1	5.1	5.1	5.1
22	0	0	0	0	0	0	0
23	2.3	2.3	2.3	2.3	2.3	2.3	2.3
24	2.3	2.3	2.3	2.3	2.3	2.3	2.3
25	2.3	2.3	2.3	2.3	2.3	2.3	2.3
26	2.3	2.3	2.3	2.3	2.3	2.3	2.3
27	2.3	2.3	2.3	2.3	2.3	2.3	2.3
28(*)	2.3	2.3	2.3	2.3	2.3	2.3	2.3

* This can be measured in the only default and configuration 1 mode.

10. AMP MI-COM VOLTAGE CHART(W78E58BP-42)

1. DVD MODE

MODE PINNO .	IC MI-COM(IC220)	
	HEADPHONE (X)	HEADPHONE (O)
1	5.2	5.2
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	5.7/0 (i 1)	5.7/0 (i 1)
8	5.7/0 (i 1)	5.7/0 (i 1)
9	4.7	4.7
10	0	0
11	5.2	5.2
12	5.2	5.2
13	5.2	5.2
14	5.0	5.0
15	5.2	5.2
16	5.2/0 (i 2)	5.2/0 (i 2)
17	0/5.2 (i 2)	0/5.2 (i 2)
18	5.2/0 (i 2)	5.2/0 (i 2)
19	5.2/0 (i 2)	5.2/0 (i 2)
20	5.5	5.5
21	5.3	5.3
22	0	0

MODE PINNO .	IC MI-COM(IC220)	
	HEADPHONE (X)	HEADPHONE (O)
23	5.2	5.2
24	5.2/0 (i 2)	5.2/0 (i 2)
25	4	4
26	0	5.2
27	3	0
28	5.2	5.2
29	5.2	5.2
30	5.2	5.2
31	0	0
32	5.3	5.3
33	5.1	3.3
34	5.2	5.2
35	5.2	5.2
36	5.1	5.1
37	5.3	5.3
38	5.3	5.3
39	5.1	5.1
40	3.3	3.3
41	3.3	3.3
42	3.3	3.3
43	3.3	3.3
44	5.2	5.2

2. EXTERNAL INPUT

1) VCR MODE

MODE PINNO .	IC MI-COM(IC220)	
	HEADPHONE (X)	HEADPHONE (O)
1	5.2	5.2
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	5.7/0 (i 1)	5.7/0 (i 1)
8	5.7/0 (i 1)	5.7/0 (i 1)
9	4.7	4.7
10	0	0
11	5.2	5.2
12	5.2	5.2
13	5.2	5.2
14	5.0	5.0
15	5.2	5.2
16	5.2/0 (i 2)	5.2/0 (i 2)
17	0/5.2 (i 2)	0/5.2 (i 2)
18	5.2/0 (i 2)	5.2/0 (i 2)
19	5.2/0 (i 2)	5.2/0 (i 2)
20	5.5	5.5
21	5.3	5.3
22	0	0

MODE PINNO .	IC MI-COM(IC220)	
	HEADPHONE (X)	HEADPHONE (O)
23	5.2	5.2
24	5.2/0 (i 2)	5.2/0 (i 2)
25	4	4
26	0	5.2
27	3	0
28	5.2	5.2
29	5.2	5.2
30	5.2	5.2
31	0	0
32	5.3	5.3
33	5.1	5.1
34	5.2	5.2
35	5.2	5.2
36	5.1	5.1
37	5.3	5.3
38	5.3	5.3
39	5.1	5.1
40	3.3	3.3
41	3.3	3.3
42	3.3	3.3
43	3.3	3.3
44	5.2	5.2

2) AM/FM MODE

MODE PINNO .	IC MI-COM(IC220)			
	AM		FM	
	signal (X)	signal (O)	signal (X)	signal (O)
1	5.2	5.2	5.2	5.2
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	5.2	5.2	5.2	0
8	5.2	0	5.2	0
9	4.7	4.7	4.7	4.7
10	0	0	0	0
11	5.2	5.2	5.2	5.2
12	5.2	5.2	5.2	5.2
13	5.2	5.2	5.2	5.2
14	5.0	5.0	5.0	5.0
15	5.2	5.2	5.2	5.2
16	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)
17	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)
18	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)
19	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)
20	5.5	5.5	5.5	5.5
21	5.3	5.3	5.3	5.3
22	0	0	0	0

MODE PINNO .	IC MI-COM(IC220)			
	AM		FM	
	signal (X)	signal (O)	signal(X)	signal(O)
23	5.2	5.2	5.2	5.2
24	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)	5.20 (i 2)
25	4	4	4	4
26	0	0	0	0
27	3	3	3	3
28	5.2	5.2	5.2	5.2
29	5.2	5.2	5.2	5.2
30	5.2	5.2	5.2	5.2
31	0	0	0	0
32	5.3	5.3	5.3	5.3
33	5.1	5.1	5.1	5.1
34	5.2	5.2	5.2	5.2
35	5.2	5.2	5.2	5.2
36	5.1	5.1	5.1	5.1
37	5.3	5.3	5.3	5.3
38	5.3	5.3	5.3	5.3
39	5.1	5.1	5.1	5.1
40	3.3	3.3	3.3	3.3
41	3.3	3.3	3.3	3.3
42	3.3	3.3	3.3	3.3
43	3.3	3.3	3.3	3.3
44	5.2	5.2	5.2	5.2

11. AMP DDX-8000 VOLTAGE CHART(DDX-8000)

1. SPEAKER SETUP : Default, Configuration1

1) DVD

MODE PINNO	IC DDX-8000(IC200)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
4	0	0	0	0	0	0	0	0
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
6	0	3.3	0	3.3	0	3.3	0	3.3
7	0	3.3	0	3.3	0	3.3	0	3.3
8	0	0	0	0	0	3.3	0	3.3
9	0	3.3	0	3.3	0	3.3	0	3.3
10	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
11	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
12	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
13	0	0	0	0	0	0	0	0
14	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
15	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
19	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
20	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
21	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
22	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
23	0	0	0	0	0	0	0	0
24	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
25	0	0	0	0	0	0	0	0
26	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
27	0	0	0	0	0	0	0	0
28	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
29	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
30	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
31	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1

1) EXTERNAL INPUT

(1) VIDEO MODE

[illegible]

(2) AM/FM MODE

MODE PINNO.	IC DDX-8000(IC200)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	0	0	0	0
3	3.3	3.3	3.3	3.3
4	0	0	0	0
5	2.5	2.5	2.5	2.5
6	3.3	3.3	3.3	3.3
7	3.3	3.3	3.3	3.3
8	0	0	3.3	3.3
9	3.3	3.3	3.3	3.3
10	3.35	3.35	3.35	3.35
11	3.35	3.35	3.35	3.35
12	3.3	3.3	3.3	3.3
13	0	0	0	0
14	2.5	2.5	2.5	2.5
15	3.3	3.3	3.3	3.3
16	0	0	0	0
17	0	0	0	0
18	3.3	3.3	3.3	3.3
19	3.3	3.3	3.3	3.3
20	3.2	3.2	3.2	3.2
21	1.2	1.2	1.2	1.2
22	2.5	2.5	2.5	2.5
23	0	0	0	0
24	3.3	3.3	3.3	3.3
25	0	0	0	0
26	2.5	2.5	2.5	2.5
27	0	0	0	0
28	3.3	3.3	3.3	3.3
29	5.1	5.1	5.1	5.1
30	5.1	5.1	5.1	5.1
31	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1

MODE PINNO.	IC DDX-8000(IC200)			
	2CH		5.1CH	
	AM	FM	AM	FM
33	5.1	5.1	5.1	5.1
34	5.1	5.1	5.1	5.1
35	3.3	3.3	3.3	3.3
36	0	0	0	0
37	2.5	2.5	2.5	2.5
38	5.1	0	5.1	5.1
39	5.1	0	5.1	5.1
40	5.1	0	5.1	5.1
41	5.1	0	5.1	5.1
42	5.1	0	5.1	5.1
43	5.1	0	5.1	5.1
44	3.3	3.3	3.3	3.3
45	0	0	0	0
46	2.5	2.5	2.5	2.5
47	5.1	5.1	5.1	5.1
48	5.1	5.1	5.1	5.1
49	5.1	5.1	5.1	5.1
50	5.1	5.1	5.1	5.1
51	3.3	3.3	3.3	3.3
52	3.3	3.3	3.3	3.3
53	0	0	0	0
54	2.5	2.5	2.5	2.5
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	3.3	3.3	3.3	3.3
60	0	0	0	0
61	2.5	2.5	2.5	2.5
62	0	0	0	0
63	0	0	0	0
64	3.3	3.3	3.3	3.3

2. SPEAKER SETUP : Configuration 2, 3

1) DVD

MODE PINNO	IC DDX-8000(IC200)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
4	0	0	0	0	0	0	0	0
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
6	0	3.3	0	3.3	0	3.3	0	3.3
7	0	0	0	0	0	3.3	0	3.3
8	0	0	0	0	0	3.3	0	3.3
9	0	3.3	0	3.3	0	3.3	0	3.3
10	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
11	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
12	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
13	0	0	0	0	0	0	0	0
14	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
15	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
19	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
20	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
21	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
22	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
23	0	0	0	0	0	0	0	0
24	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
25	0	0	0	0	0	0	0	0
26	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
27	0	0	0	0	0	0	0	0
28	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
29	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
30	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
31	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1

(1) VIDEO MODE

MODE PINNO	IC DDX-8000(IC200)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
4	0	0	0	0	0	0	0	0
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
7	0	0	0	0	3.3	3.3	3.3	3.3
8	0	0	0	0	3.3	3.3	3.3	3.3
9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
10	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
11	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
12	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
13	0	0	0	0	0	0	0	0
14	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
15	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
19	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
20	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
21	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
22	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
23	0	0	0	0	0	0	0	0
24	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
25	0	0	0	0	0	0	0	0
26	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
27	0	0	0	0	0	0	0	0
28	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
29	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
30	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
31	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1

MODE PINNO	IC DDX-8000(IC200)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
33	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0
35	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
36	0	0	0	0	0	0	0	0
37	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
38	0	0	0	0	0	5.1	0	0
39	0	0	0	0	0	5.1	0	0
40	0	0	0	0	0	5.1	0	0
41	0	0	0	0	0	5.1	0	0
42	0	0	0	0	0	5.1	0	0
43	0	0	0	0	0	5.1	0	0
44	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
45	0	0	0	0	0	0	0	0
46	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
47	0	5.1	0	5.1	0	5.1	0	0
48	0	5.1	0	5.1	0	5.1	0	0
49	0	5.1	0	5.1	0	5.1	0	0
50	0	5.1	0	5.1	0	5.1	0	0
51	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
52	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
53	0	0	0	0	0	0	0	0
54	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
55	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0
59	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
60	0	0	0	0	0	0	0	0
61	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
62	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0
64	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3

(2) AM/FM MODE

MODE PINNO.	IC DDX-8000(IC200)				MODE PINNO.	IC DDX-8000(IC200)			
	2CH		5.1CH			2CH		5.1CH	
	AM	FM	AM	FM		AM	FM	AM	FM
1	0	0	0	0	33	5.1	0	5.1	0
2	0	0	0	0	34	5.1	0	5.1	0
3	3.3	3.3	3.3	3.3	35	3.3	3.3	3.3	3.3
4	0	0	0	0	36	0	0	0	0
5	2.5	2.5	2.5	2.5	37	2.5	2.5	2.5	2.5
6	3.3	3.3	3.3	3.3	38	5.1	0	5.1	5.1
7	0	0	3.3	3.3	39	5.1	0	5.1	5.1
8	0	0	3.3	3.3	40	5.1	0	5.1	5.1
9	3.3	3.3	3.3	3.3	41	5.1	0	5.1	5.1
10	3.35	3.35	3.35	3.35	42	5.1	0	5.1	5.1
11	3.35	3.35	3.35	3.35	43	5.1	0	5.1	5.1
12	3.3	3.3	3.3	3.3	44	3.3	3.3	3.3	3.3
13	0	0	0	0	45	0	0	0	0
14	2.5	2.5	2.5	2.5	46	2.5	2.5	2.5	2.5
15	3.3	3.3	3.3	3.3	47	5.1	5.1	5.1	5.1
16	0	0	0	0	48	5.1	5.1	5.1	5.1
17	0	0	0	0	49	5.1	5.1	5.1	5.1
18	3.3	3.3	3.3	3.3	50	5.1	5.1	5.1	5.1
19	3.3	3.3	3.3	3.3	51	3.3	3.3	3.3	3.3
20	3.2	3.2	3.2	3.2	52	3.3	3.3	3.3	3.3
21	1.2	1.2	1.2	1.2	53	0	0	0	0
22	2.5	2.5	2.5	2.5	54	2.5	2.5	2.5	2.5
23	0	0	0	0	55	0	0	0	0
24	3.3	3.3	3.3	3.3	56	0	0	0	0
25	0	0	0	0	57	0	0	0	0
26	2.5	2.5	2.5	2.5	58	0	0	0	0
27	0	0	0	0	59	3.3	3.3	3.3	3.3
28	3.3	3.3	3.3	3.3	60	0	0	0	0
29	5.1	5.1	5.1	5.1	61	2.5	2.5	2.5	2.5
30	5.1	5.1	5.1	5.1	62	0	0	0	0
31	5.1	5.1	5.1	5.1	63	0	0	0	0
32	5.1	5.1	5.1	5.1	64	3.3	3.3	3.3	3.3

12. AMP DDX-2100 VOLTAGE CHART(DDX-2100)

1. SPEAKER SETUP : Default , configuration1

1) DVD

MODE PINNO.	DDX-2100(IC301)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	32.5	0	0
3	0	0	0	0	0	32.5	0	0
4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
8	0	0	0	0	0	32.5	0	0
9	0	0	0	0	0	32.5	0	0
10	0	0	0	0	0	32.5	0	
11	0	0	0	0	0	32.5	0	0
12	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
16	0	0	0	0	0	32.5	0	0
17	0	0	0	0	0	32.5	0	0
18	0	0	0	0	0	0	0	0

[illegible]

MODE PINNO.	DDX-2100(IC330)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	32.5	0	0	0	32.5	0	0
3	0	32.5	0	0	0	32.5	0	0
4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	32.5	0	0	0	32.5	0	0
11	0	32.5	0	0	0	32.5	0	0
12	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0

[illegible]

MODE PINNO.	DDX-2100(1C330)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	32.5	0	0	0	32.5	0	0
3	0	32.5	0	0	32.5	32.5	0	0
4	32.5	32.5	32.5	32.5	0	32.5	32.5	32.5
5	0	0	0	0	0	0	0	0
6	0	0	0	0	32.5	0	0	0
7	32.5	32.5	32.5	32.5	0	32.5	32.5	32.5
8	0	32.5	0	0	0	32.5	0	0
9	0	32.5	0	0	0	32.5	0	0
10	0	32.5	0	0	0	32.5	0	0
11	0	32.5	0	0	32.5	32.5	0	0
12	32.5	32.5	32.5	32.5	0	32.5	32.5	32.5
13	0	0	0	0	0	0	0	0
14	0	0	0	0	32.5	0	0	0
15	32.5	32.5	32.5	32.5	0	32.5	32.5	32.5
16	0	32.5	0	0	0	32.5	0	0
17	0	32.5	0	0	0	32.5	0	0
18	0	0	0	0	0	0	0	0

[illegible]

MODE PINNO.	DDX-2100(IC360)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	32.5	0	0	0	32.5	0	0
3	0	32.5	0	0	0	32.5	0	0
4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
8	0	32.5	0	0	0	32.5	0	0
9	0	32.5	0	0	0	32.5	0	0
10	0	0	0	0	0	32.5	0	0
11	0	0	0	0	0	32.5	0	0
12	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
16	0	0	0	0	0	32.5	0	0
17	0	0	0	0	0	32.5	0	0
18	0	0	0	0	0	0	0	0

[illegible]

(2) AM/FM MODE

MODE PINNO.	IC DDX-2100(IC301)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	32.5	0	32.5	32.5
3	32.5	0	32.5	32.5
4	32.5	32.5	32.5	32.5
5	0	0	0	0
6	0	0	0	0
7	32.5	32.5	32.5	32.5
8	32.5	0	32.5	32.5
9	32.5	0	32.5	32.5
10	32.5	0	32.5	32.5
11	32.5	0	32.5	32.5
12	32.5	32.5	32.5	32.5
13	0	0	0	0
14	0	0	0	0
15	32.5	32.5	32.5	32.5
16	32.5	0	32.5	32.5
17	32.5	0	32.5	32.5
18	0	0	0	0

MODE PINNO.	IC DDX-2100(IC301)			
	2CH		5.1CH	
	AM	FM	AM	FM
19	0	0	0	0
20	0	0	0	0
21	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3
24	0	0	0	0
25	3.3	3.3	3.3	3.3
26	4	4	4	4
27	4	4	4	4
28	3.3	3.3	3.3	3.3
29	5.1	0	5.1	5.1
30	5.1	0	5.1	5.1
31	5.1	0	5.1	5.1
32	5.1	0	5.1	5.1
33	25	25	25	25
34	25	25	25	25
35	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5

MODE PIN NO.	ICDDX-2100(IC330)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	32.5	32.5	32.5	32.5
3	32.5	32.5	32.5	32.5
4	32.5	32.5	32.5	32.5
5	0	0	0	0
6	0	0	0	0
7	32.5	32.5	32.5	32.5
8	32.5	32.5	32.5	32.5
9	32.5	32.5	32.5	32.5
10	32.5	32.5	32.5	32.5
11	32.5	32.5	32.5	32.5
12	32.5	32.5	32.5	32.5
13	0	0	0	0
14	0	0	0	0
15	32.5	32.5	32.5	32.5
16	32.5	32.5	32.5	32.5
17	32.5	32.5	32.5	32.5
18	0	0	0	0

MODE PINNO.	IC DDX-2100(IC330)			
	2CH		5.1CH	
	AM	FM	AM	FM
19	0	0	0	0
20	0	0	0	0
21	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3
24	0	0	0	0
25	3.3	3.3	3.3	3.3
26	4	4	4	4
27	4	4	4	4
28	3.3	3.3	3.3	3.3
29	5.1	5.1	5.1	5.1
30	5.1	5.1	5.1	5.1
31	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1
33	25	25	25	25
34	25	25	25	25
35	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5

MODE PINNO.	IC DDX-2100(IC360)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	32.5	32.5	32.5	32.5
3	32.5	32.5	32.5	32.5
4	32.5	32.5	32.5	32.5
5	0	0	0	0
6	0	0	0	0
7	32.5	32.5	32.5	32.5
8	32.5	32.5	32.5	32.5
9	32.5	32.5	32.5	32.5
10	32.5	0	32.5	32.5
11	32.5	0	32.5	32.5
12	32.5	32.5	32.5	32.5
13	0	0	0	0
14	0	0	0	0
15	32.5	32.5	32.5	32.5
16	32.5	0	32.5	32.5
17	32.5	0	32.5	32.5
18	0	0	0	0

MODE PINNO.	IC DDX-2100(IC360)			
	2CH		5.1CH	
	AM	FM	AM	FM
19	0	0	0	0
20	0	0	0	0
21	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3
24	0	0	0	0
25	3.3	3.3	3.3	3.3
26	4	4	4	4
27	4	4	4	4
28	3.3	3.3	3.3	3.3
29	5.1	0	5.1	5.1
30	5.1	0	5.1	5.1
31	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1
33	25	25	25	25
34	25	25	25	25
35	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5

2. SPEAKER SETUP :CONFIGURATION 2,3

1) DVD

[illegible][illegible]

[illegible][illegible]

(1) VIDEO MODE

[illegible][illegible]

MODE PINNO.	DDX-2100(IC360)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	32.5	0	0
11	0	0	0	0	0	32.5	0	0
12	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
16	0	0	0	0	0	32.5	0	0
17	0	0	0	0	0	32.5	0	0
18	0	0	0	0	0	0	0	0

MODE PINNO.	DDX-2100(IC360)							
	2CH				5.1CH			
	STOP	PLAY	PLAY PAUSE	MUTE	STOP	PLAY	PLAY PAUSE	MUTE
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
24	0	0	0	0	0	0	0	0
25	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
26	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	4	4
28	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
29	0	0	0	0	0	5.1	0	0
30	0	0	0	0	0	5.1	0	0
31	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0
33	25	25	25	25	25	25	25	25
34	25	25	25	25	25	25	25	25
35	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5

(2) AM/FM MODE

MODE PINNO.	IC DDX-2100(IC301)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	32.5	0	32.5	32.5
3	32.5	0	32.5	32.5
4	32.5	32.5	32.5	32.5
5	0	0	0	0
6	0	0	0	0
7	32.5	32.5	32.5	32.5
8	32.5	0	32.5	32.5
9	32.5	0	32.5	32.5
10	32.5	0	32.5	32.5
11	32.5	0	32.5	32.5
12	32.5	32.5	32.5	32.5
13	0	0	0	0
14	0	0	0	0
15	32.5	32.5	32.5	32.5
16	32.5	0	32.5	32.5
17	32.5	0	32.5	32.5
18	0	0	0	0

MODE PINNO.	IC DDX-2100(IC301)			
	2CH		5.1CH	
	AM	FM	AM	FM
19	0	0	0	0
20	0	0	0	0
21	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3
24	0	0	0	0
25	3.3	3.3	3.3	3.3
26	4	4	4	4
27	4	4	4	4
28	3.3	3.3	3.3	3.3
29	5.1	0	5.1	5.1
30	5.1	0	5.1	5.1
31	5.1	0	5.1	5.1
32	5.1	0	5.1	5.1
33	25	25	25	25
34	25	25	25	25
35	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5

MODE PIN NO.	ICDDX-2100(IC330)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	32.5	32.5	32.5	32.5
3	32.5	32.5	32.5	32.5
4	32.5	32.5	32.5	32.5
5	0	0	0	0
6	0	0	0	0
7	32.5	32.5	32.5	32.5
8	32.5	32.5	32.5	32.5
9	32.5	32.5	32.5	32.5
10	32.5	32.5	32.5	32.5
11	32.5	32.5	32.5	32.5
12	32.5	32.5	32.5	32.5
13	0	0	0	0
14	0	0	0	0
15	32.5	32.5	32.5	32.5
16	32.5	32.5	32.5	32.5
17	32.5	32.5	32.5	32.5
18	0	0	0	0

MODE PINNO.	IC DDX-2100(IC330)			
	2CH		5.1CH	
	AM	FM	AM	FM
19	0	0	0	0
20	0	0	0	0
21	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3
24	0	0	0	0
25	3.3	3.3	3.3	3.3
26	4	4	4	4
27	4	4	4	4
28	3.3	3.3	3.3	3.3
29	5.1	5.1	5.1	5.1
30	5.1	5.1	5.1	5.1
31	5.1	5.1	5.1	5.1
32	5.1	5.1	5.1	5.1
33	25	25	25	25
34	25	25	25	25
35	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5

MODE PINNO.	IC DDX-2100(IC360)			
	2CH		5.1CH	
	AM	FM	AM	FM
1	0	0	0	0
2	32.5	0	32.5	0
3	32.5	0	32.5	0
4	32.5	32.5	32.5	32.5
5	0	0	0	0
6	0	0	0	0
7	32.5	32.5	32.5	32.5
8	32.5	0	32.5	0
9	32.5	0	32.5	0
10	32.5	0	32.5	32.5
11	32.5	0	32.5	32.5
12	32.5	32.5	32.5	32.5
13	0	0	0	0
14	0	0	0	0
15	32.5	32.5	32.5	32.5
16	32.5	0	32.5	32.5
17	32.5	0	32.5	32.5
18	0	0	0	0

MODE PINNO.	IC DDX-2100(IC360)			
	2CH		5.1CH	
	AM	FM	AM	FM
19	0	0	0	0
20	0	0	0	0
21	4.8	4.8	4.8	4.8
22	4.8	4.8	4.8	4.8
23	3.3	3.3	3.3	3.3
24	0	0	0	0
25	3.3	3.3	3.3	3.3
26	4	4	4	4
27	4	4	4	4
28	3.3	3.3	3.3	3.3
29	5.1	0	5.1	5.1
30	5.1	0	5.1	5.1
31	5.1	0	5.1	0
32	5.1	0	5.1	0
33	25	25	25	25
34	25	25	25	25
35	32.5	32.5	32.5	32.5
36	32.5	32.5	32.5	32.5

IC SMPS/FET/PHOTO COUPLER/REGULATOR/TR VOLTAGE CHARTS

MODE PIN No.	SMPS Controller(IC801) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	NC	NC	NC	NC	NC	NC
2	6	5.6	5.6	5.6	5.6	5.6
3	1.5	2.1	2.3	2.2	2.4	2.1
4	8.6mV	37mV	50mV	42mV	59mV	38mV

MODE PIN No.	SMPS Controller(IC801) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
5	1.55	2.6	2.89	2.64	3	2.6
6	12.5	14	13.9	13.9	14.1	13.9
7	0	0	0	0	0	0
8	NC	NC	NC	NC	NC	NC

MODE PIN No.	SMPS Controller(IC701) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	2	2	2.2	1.8	2.3	2.4
2	2.5	2.5	2.5	2.5	2.5	2.5
3	1.4mV	3mV	8mV	5mV	7mV	5mV
4	2	2	1.9	2	1.9	1.9

MODE PIN No.	SMPS Controller(IC701) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
5	0	0	0	0	0	0
6	0.2	0.5	0.9	0.7	0.8	0.7
7	13	14.2	14.6	14.5	14.6	14.5
8	NC	NC	NC	NC	NC	NC

MODE PIN No.	SWITCHING FET(Q701) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
D	143	125	115	118	114	122
G	0.1	0.4	0.7	0.5	0.6	0.5
S	0.8mV	3.2mV	8mV	5mV	7mV	5mV

MODE PIN No.	SWITCHING FET(Q801) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
D	140	128	116	118	112	125
G	1.5	2.5	2.6	2.5	2.9	2.5
S	8.6mV	37mV	47mV	42mV	58mV	38mV

MODE PIN No.	IC PHOTO COUPLER(PC701) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	31.6	31.5	31.5	31.6	31.6	31.5
2	30.6	30.5	30.5	30.6	30.6	30.5
3	2.8	2.8	2.8	2.8	2.8	2.8
4	13	14.2	14.6	14.5	14.6	14.5

MODE PIN No.	IC PHOTO COUPLER(PC801) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	5.1	5.2	5.2	5.2	5.3	5.2
2	4	4.2	4.2	4.2	4.2	4.2
3	0	0	0	0	0	0
4	1.5	2	2.2	2.1	2.4	2

MODE PIN No.	IC SHUNT REGULATOR(IC903) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	2.5	2.5	2.5	2.5	2.5	2.5
2	0	0	0	0	0	0
3	4	4.2	4.2	4.2	4.2	4.2

MODE PIN No.	IC SHUNT REGULATOR(IC702) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	2.5	2.5	2.5	2.5	2.5	2.5
2	0	0	0	0	0	0
3	30.6	30.6	30.6	30.6	30.6	30.6

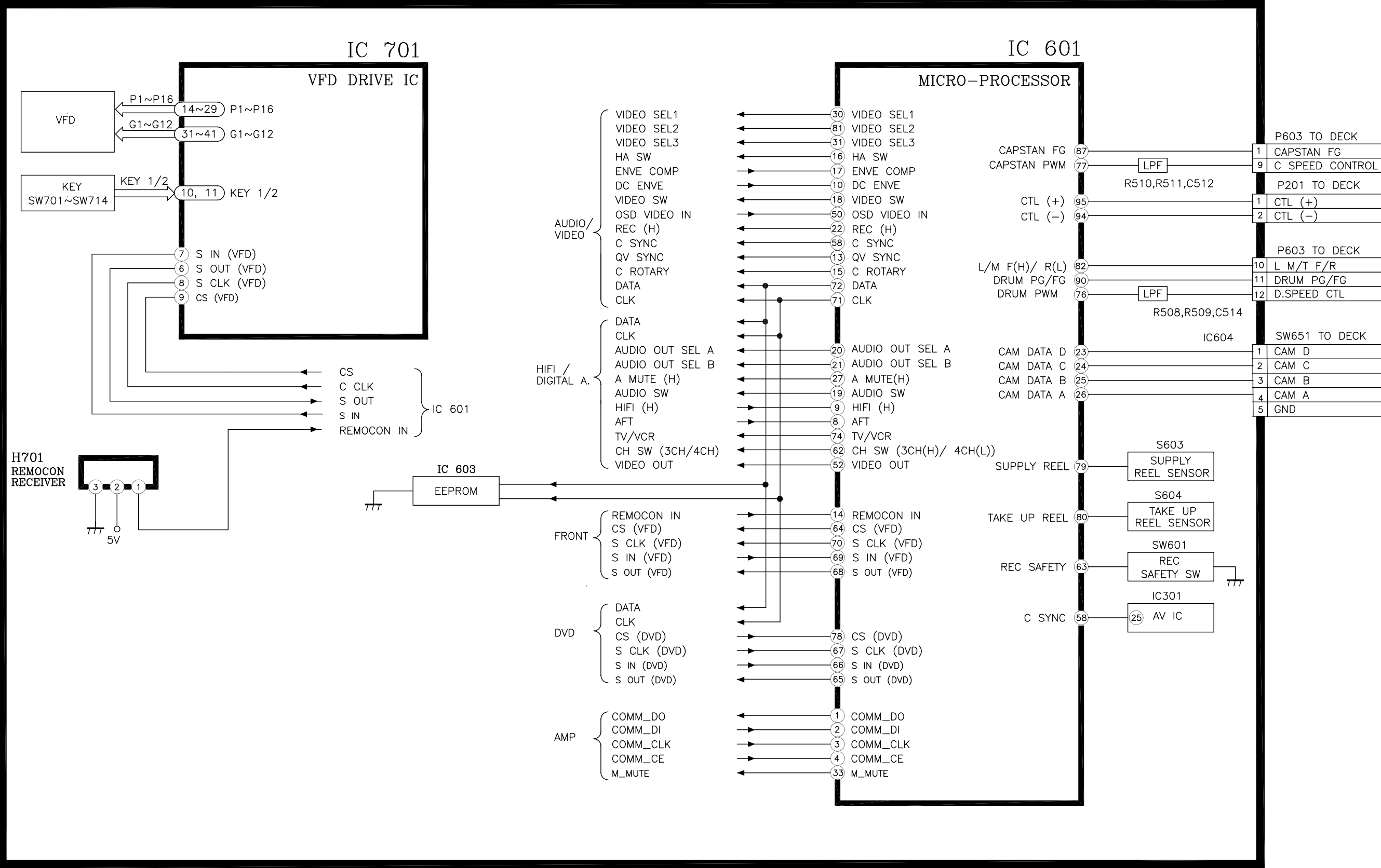
MODE PIN No.	IC REGULATOR(IC902) [V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
1	6.9	6.3	6.2	6.3	6.2	6.3
2	0	5	5	5	5	5
3	0	0	0	0	0	0
4	0.6	5.1	5.1	5.1	5.1	5.1

MODE PIN No.	FET(Q903)[V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
D	4.4	3.5	3.4	3.5	3.5	3.4
G	0	13.4	12.7	13.1	12.6	13.3
S	0.2	3.4	3.4	3.4	3.4	3.4

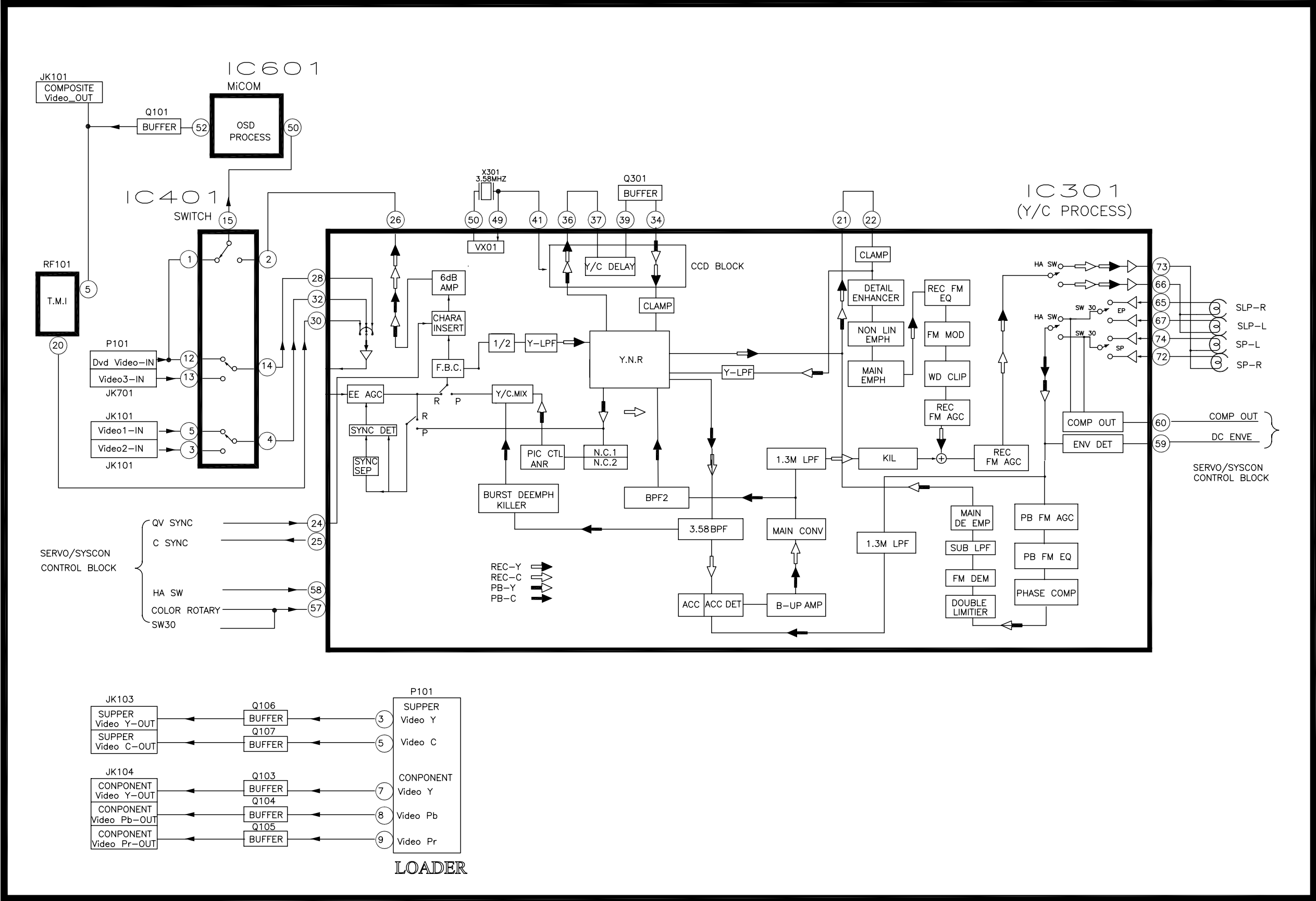
MODE PIN No.	TR(Q901)[V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
C	0	13.4	12.7	13.1	12.6	13.4
B	14.3	12.7	12	12.4	11.9	12.7
E	14.3	13.4	12.8	13.1	12.7	13.4

MODE PIN No.	TR(Q902)[V]					
	OFF	PWR ON	DVD PLAY & VCR OFF	DVDOFF VCR PLAY	DVD PLAY &VCR REC	FM/AM
C	14.3	0	0	0	0	0
B	12.8mV	0.7	0.7	0.7	0.7	0.7
E	0	0	0	0	0	0

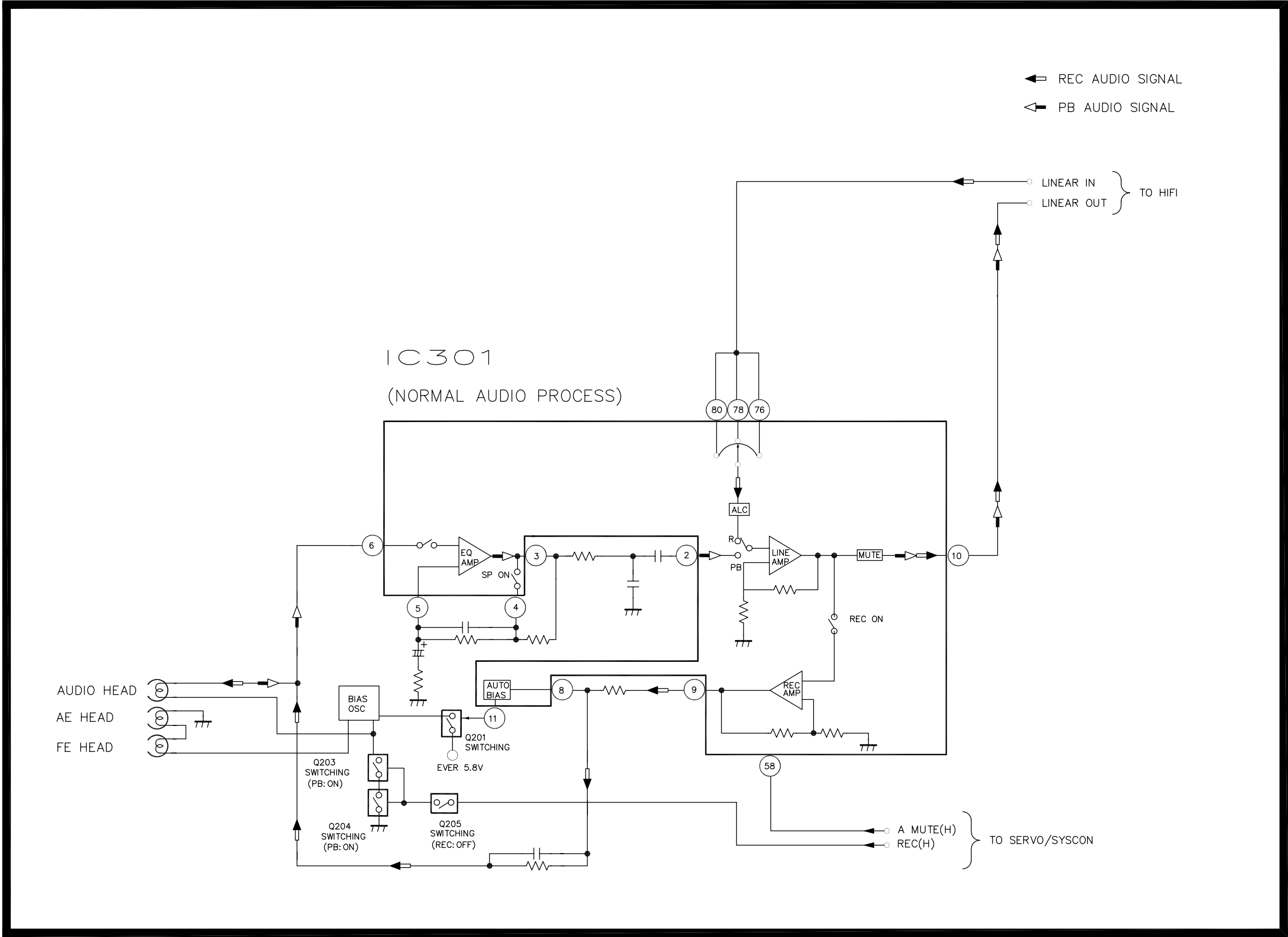
RECEIVER SERVO & SYSCON BLOCK DIAGRAM



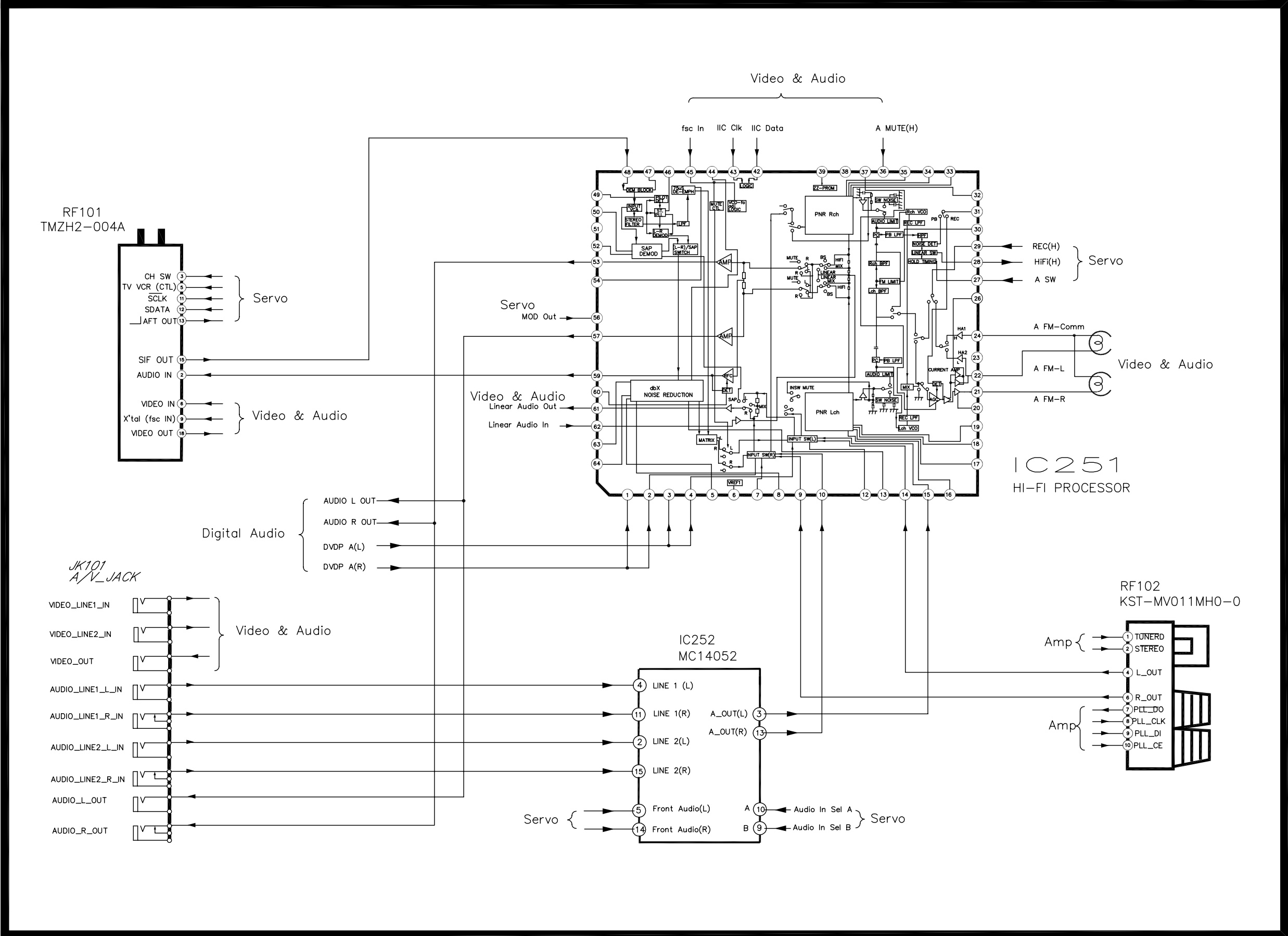
COMBO RECEIVER VIDEO BLOCK DIAGRAM



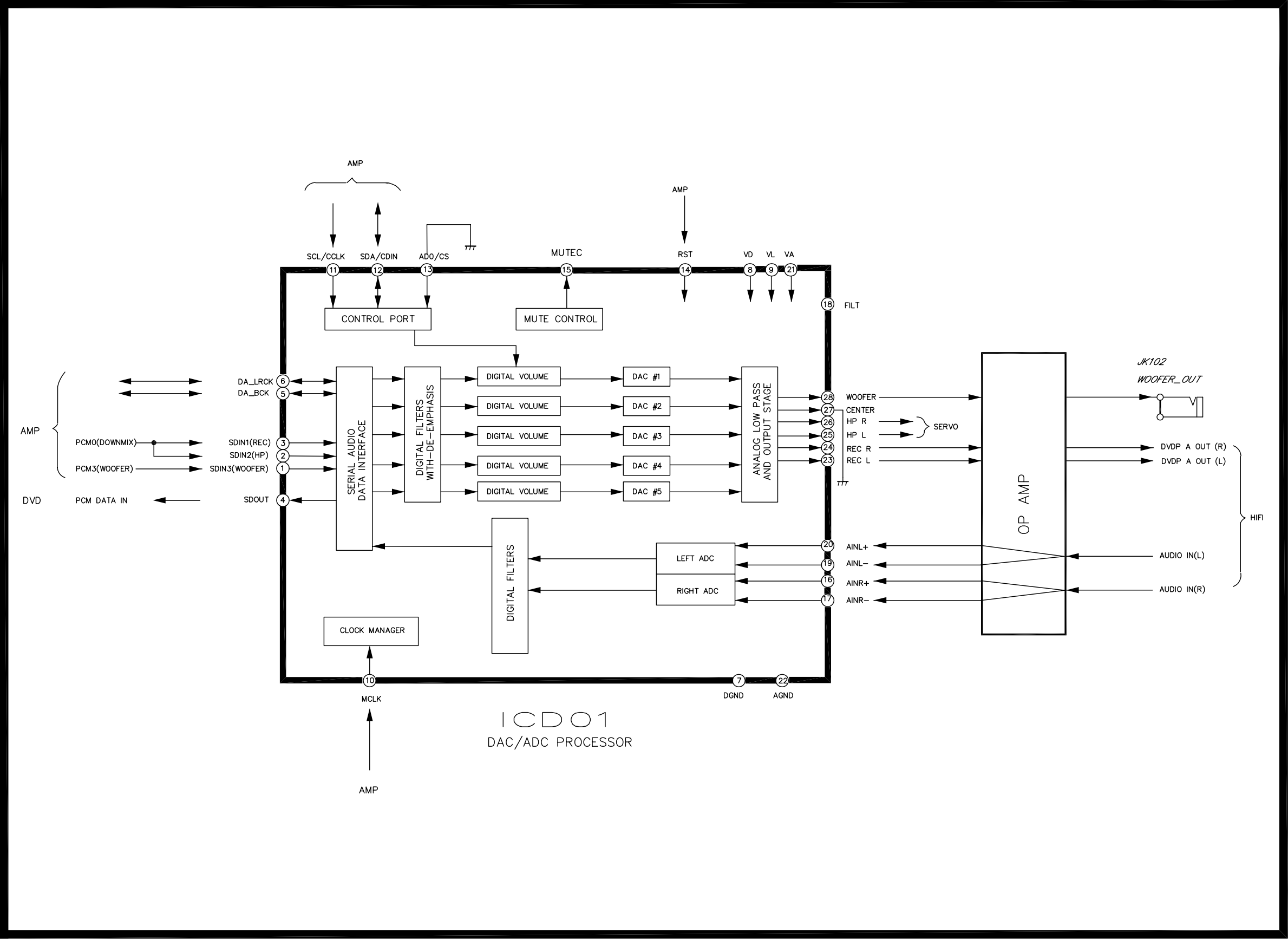
NORMAL AUDIO BLOCK DIAGRAM



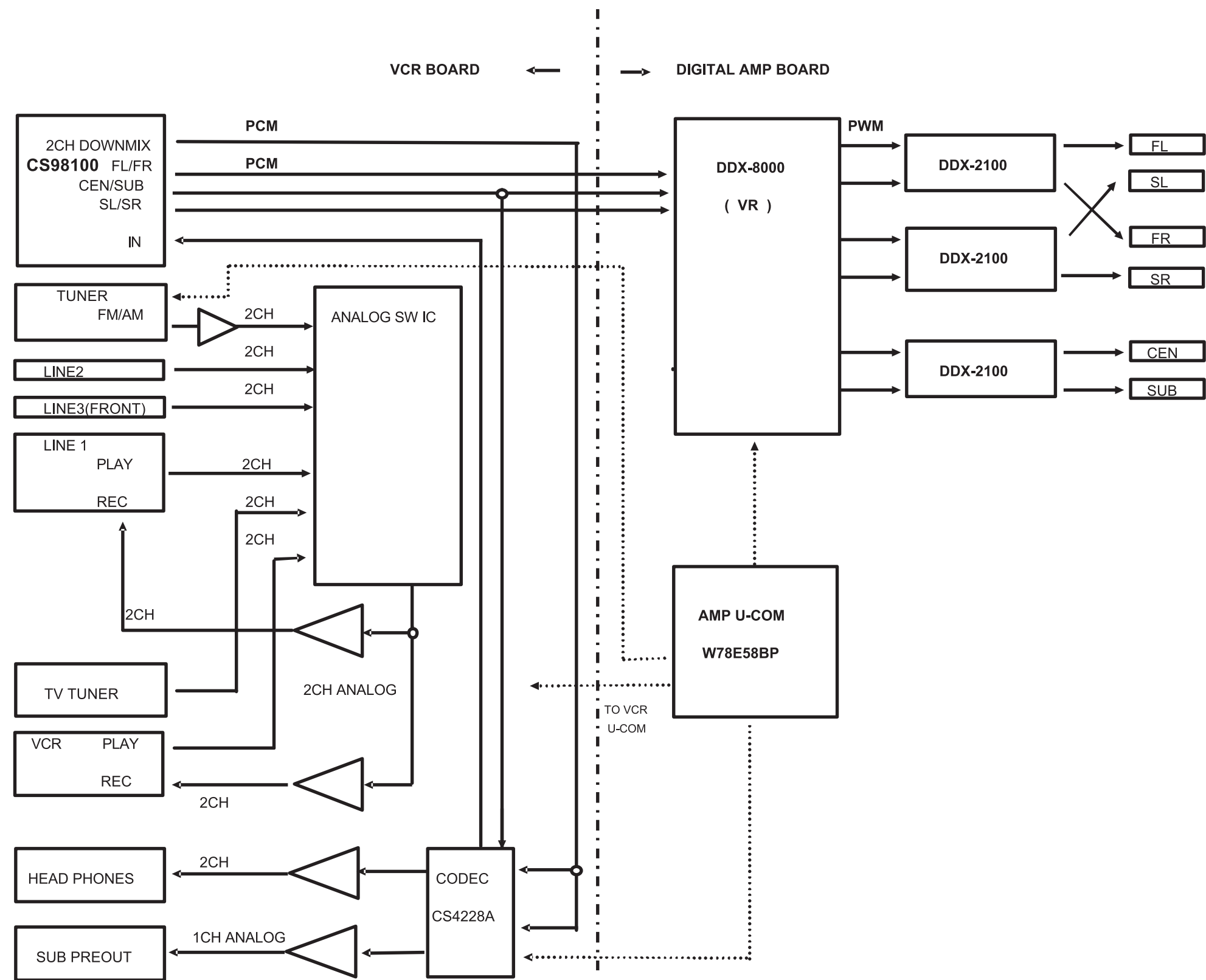
Hi-Fi & S/W & PIF BLOCK DIAGRAM



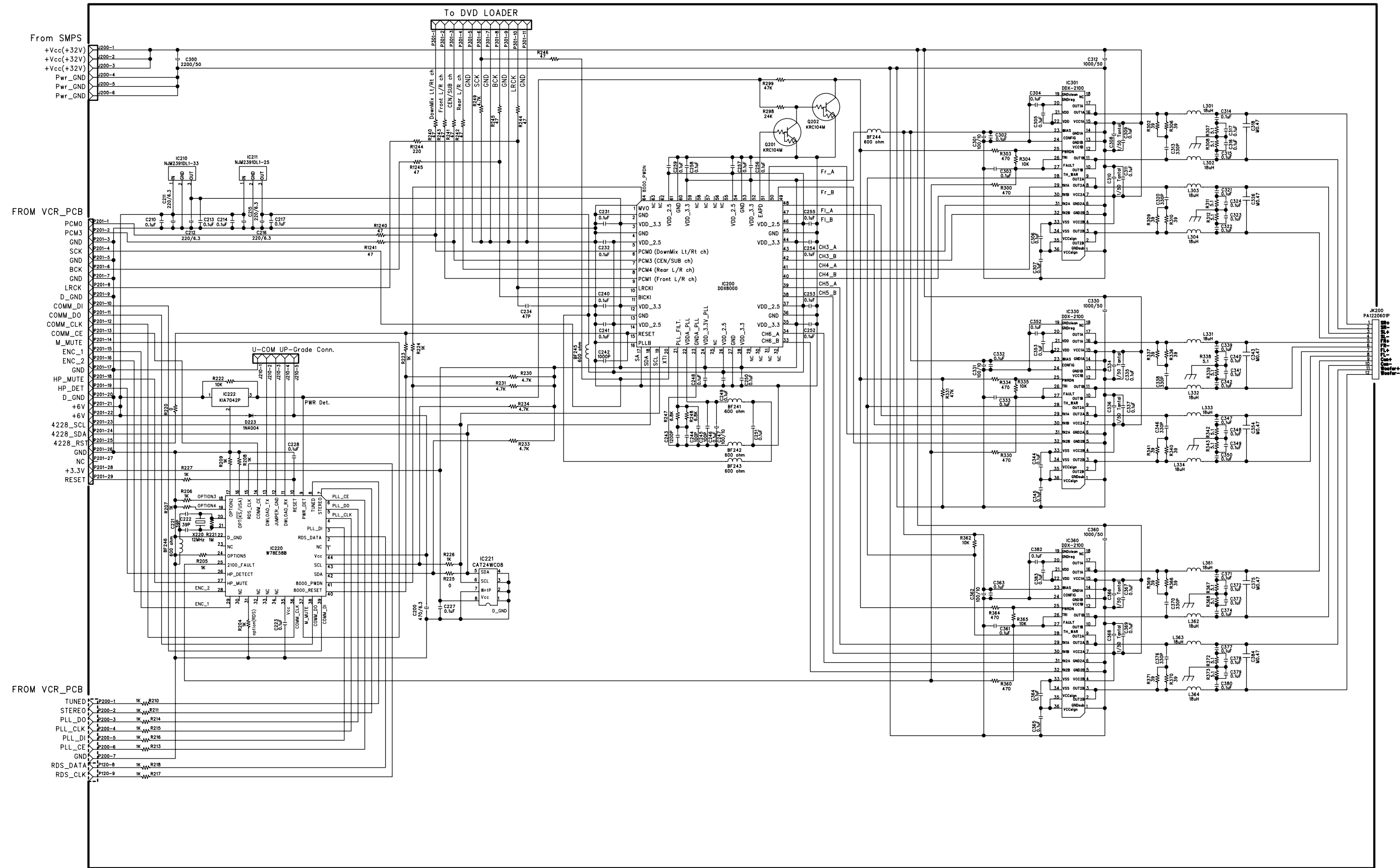
DIGITAL AUDIO BLOCK DIAGRAM



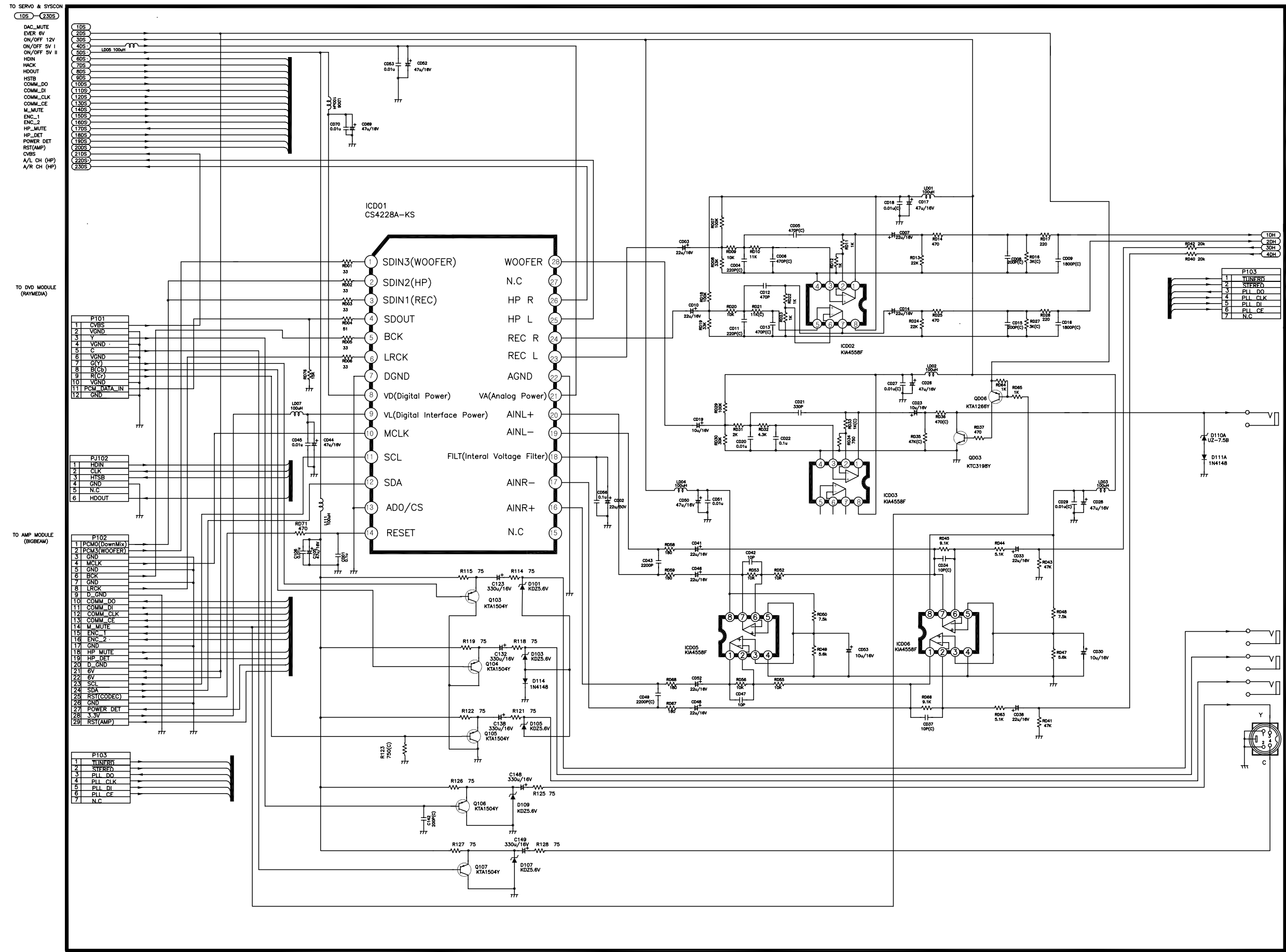
AMP BLOCK DIAGRAM



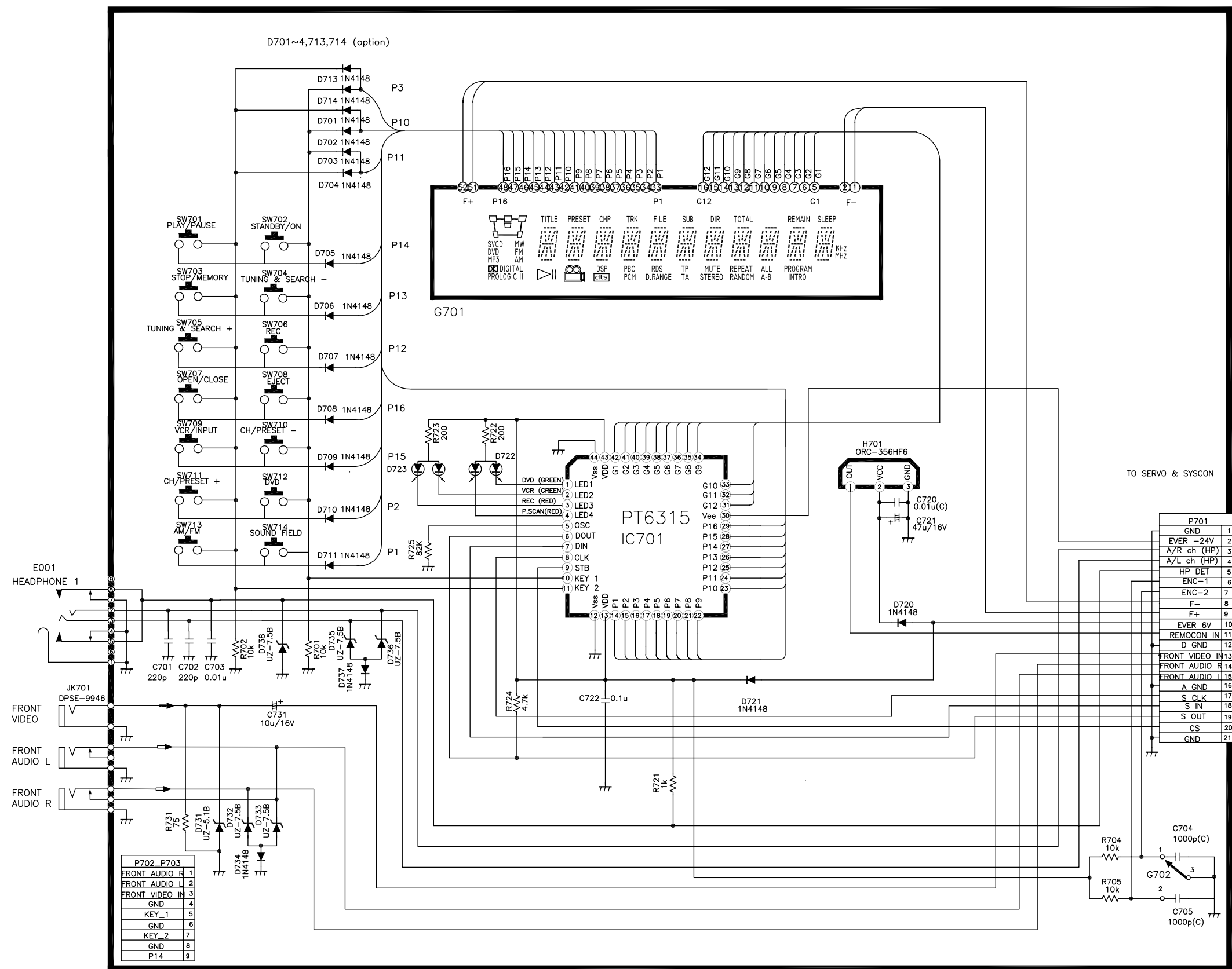
DIGITAL AMP SCHEMATIC DIAGRAM



DIGITAL AUDIO/VIDEO SCHEMATIC DIAGRAM(DVD COMBO RECEIVER)

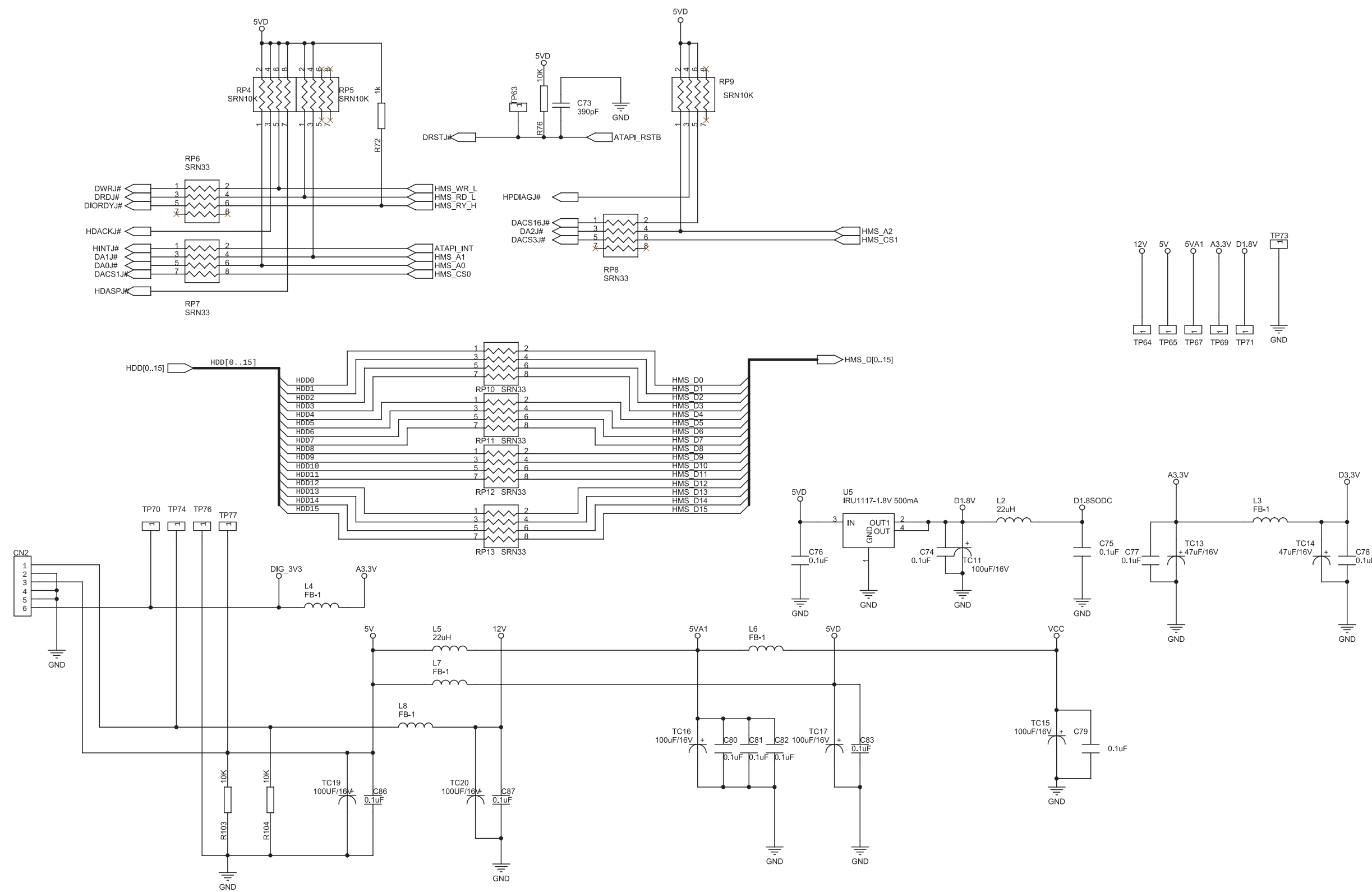


RECEIVER FRONT PART SCHEMATIC DIAGRAM



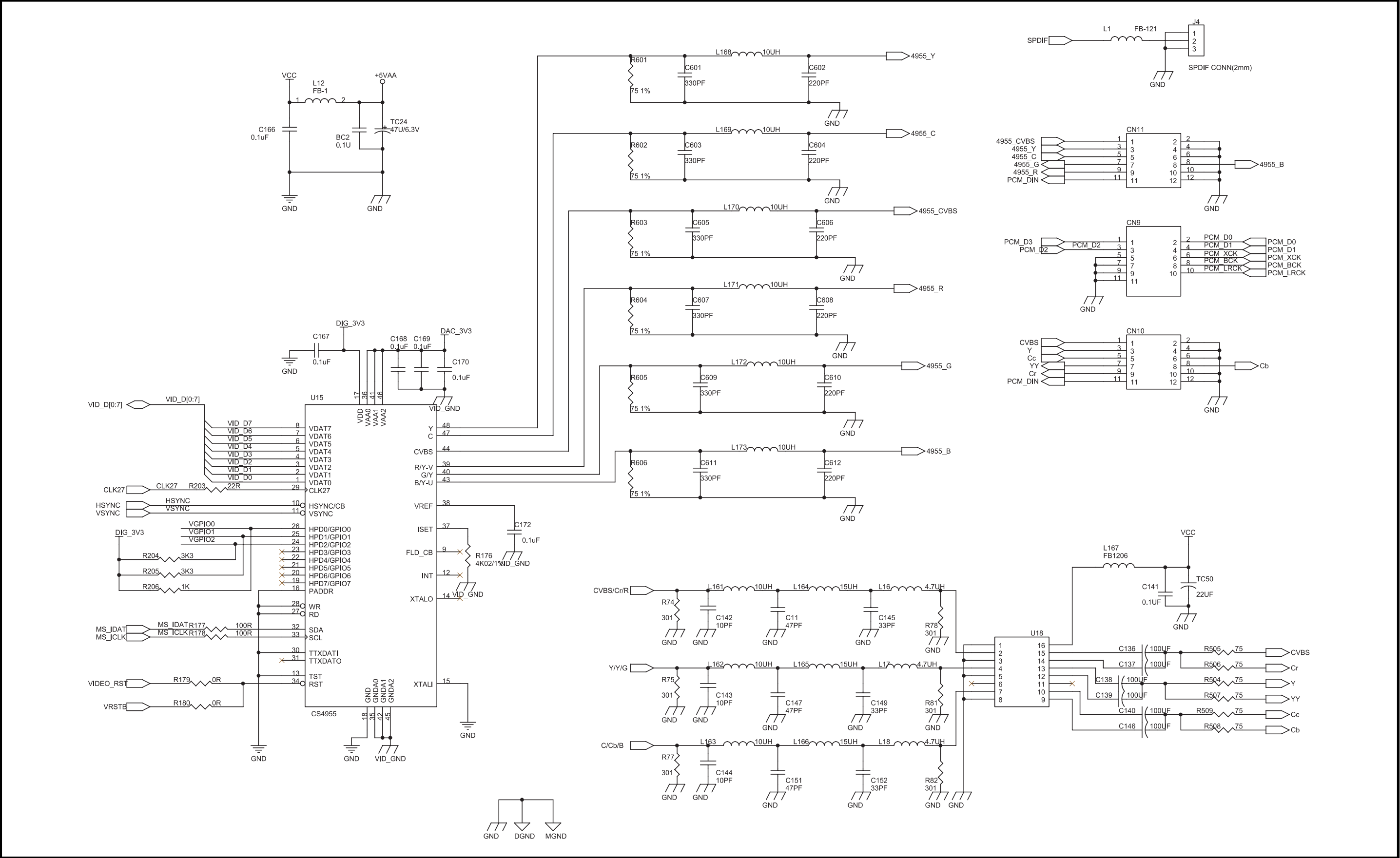
DVD SCHEMATIC DIAGRAM

1. ATAPI I/F



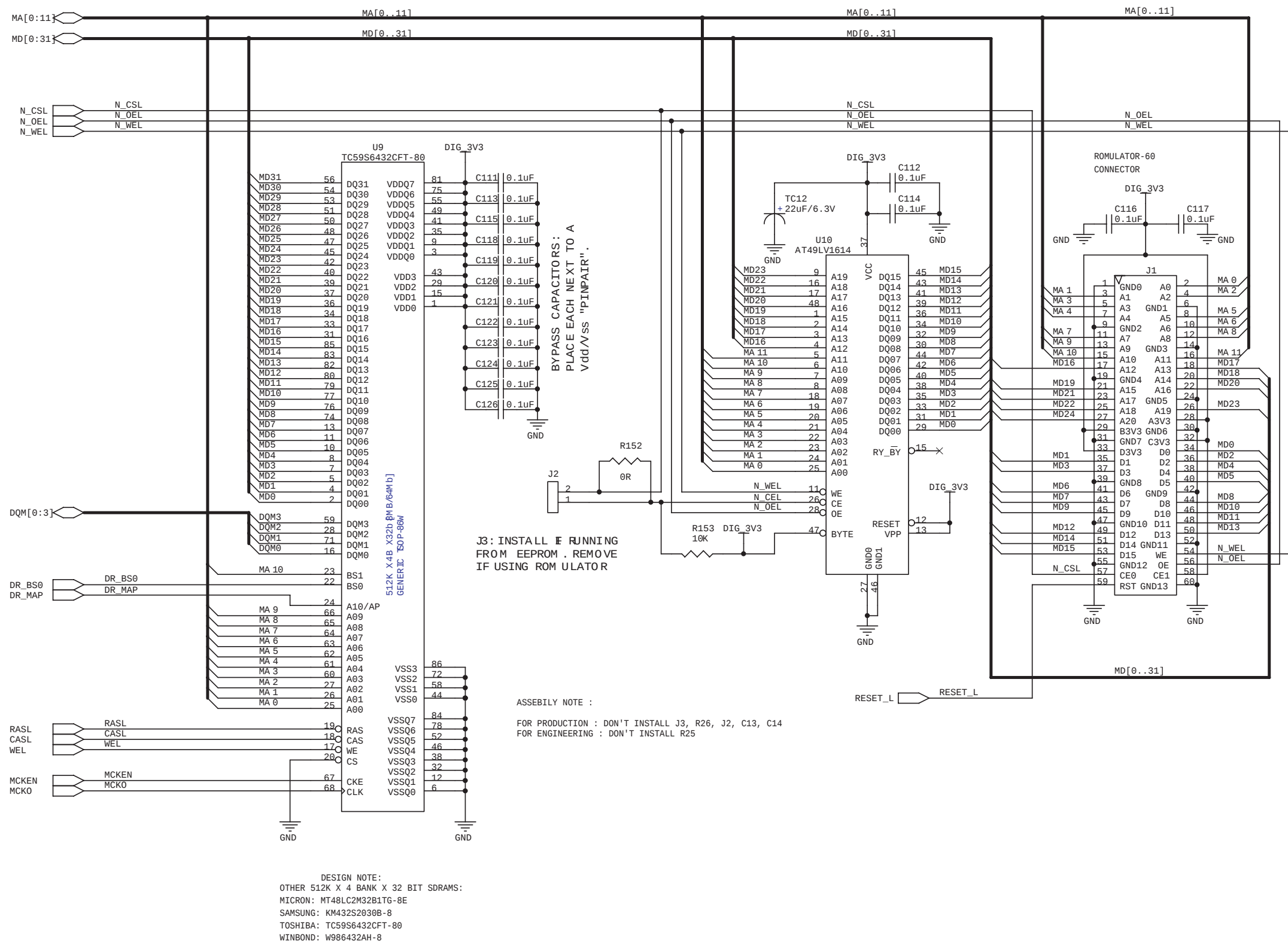
DVD SCHEMATIC DIAGRAM

5. VIDEO & AUDIO

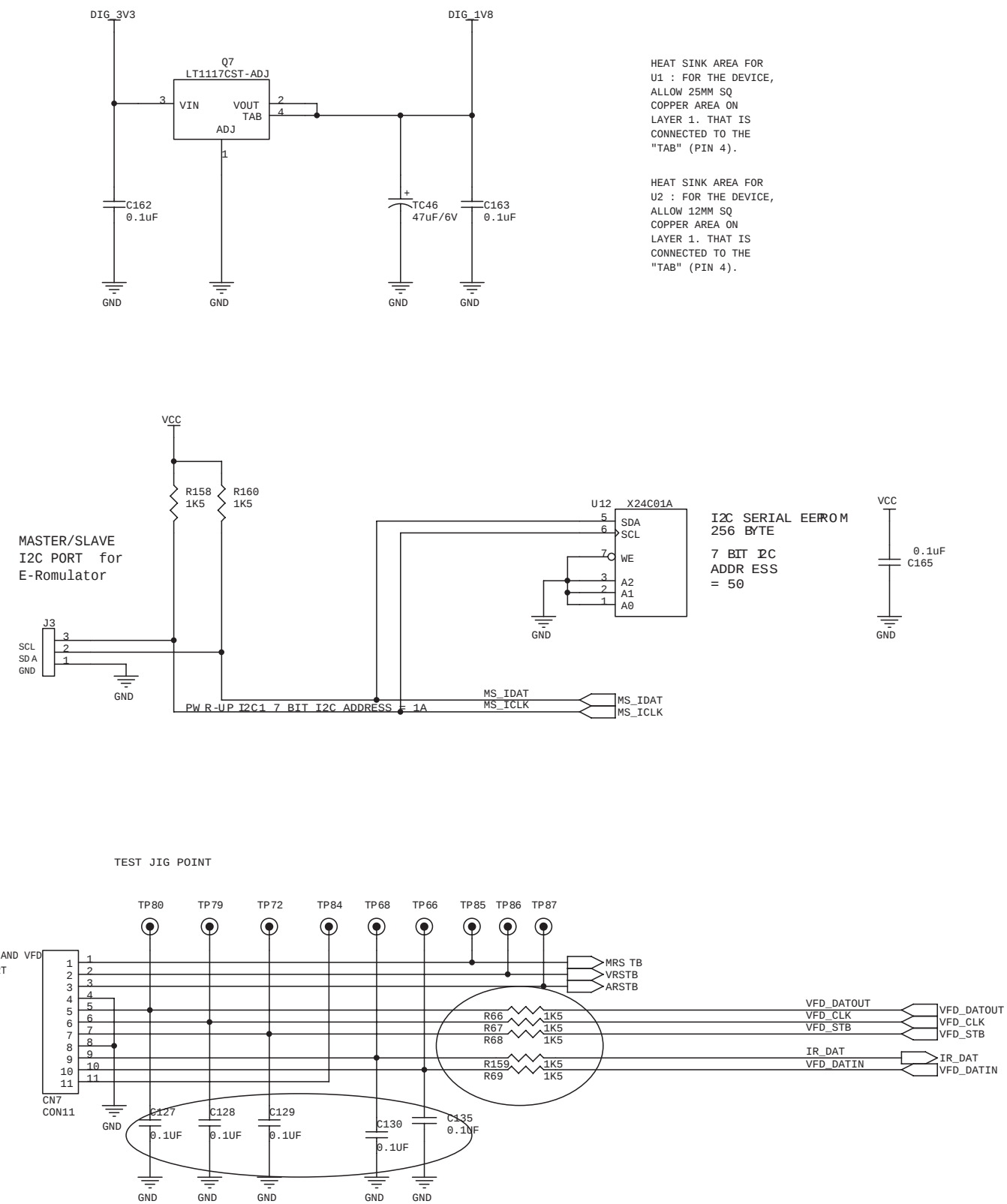


DVD SCHEMATIC DIAGRAM

3. Memory Interface

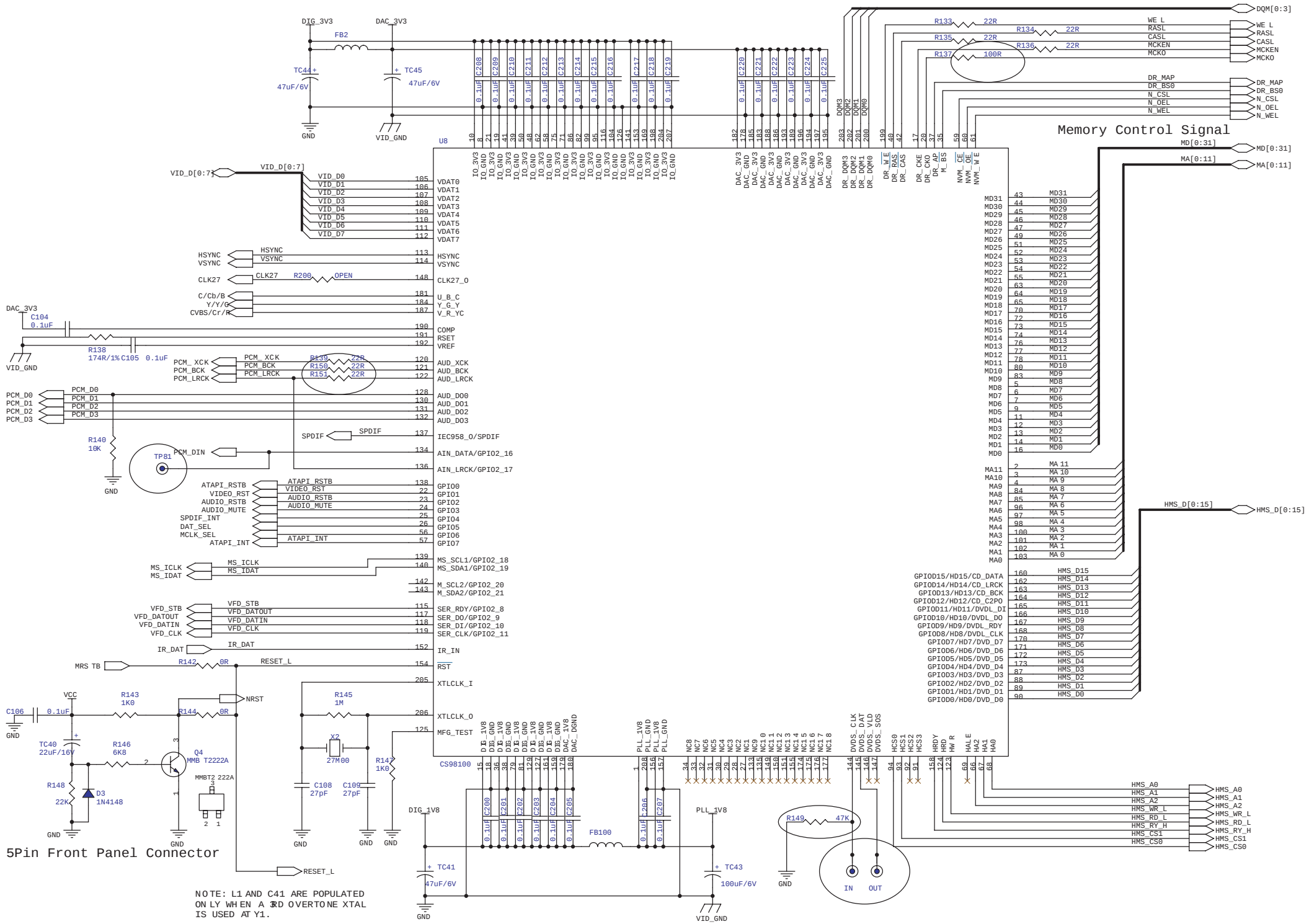


4. POWER & Bypass Cap

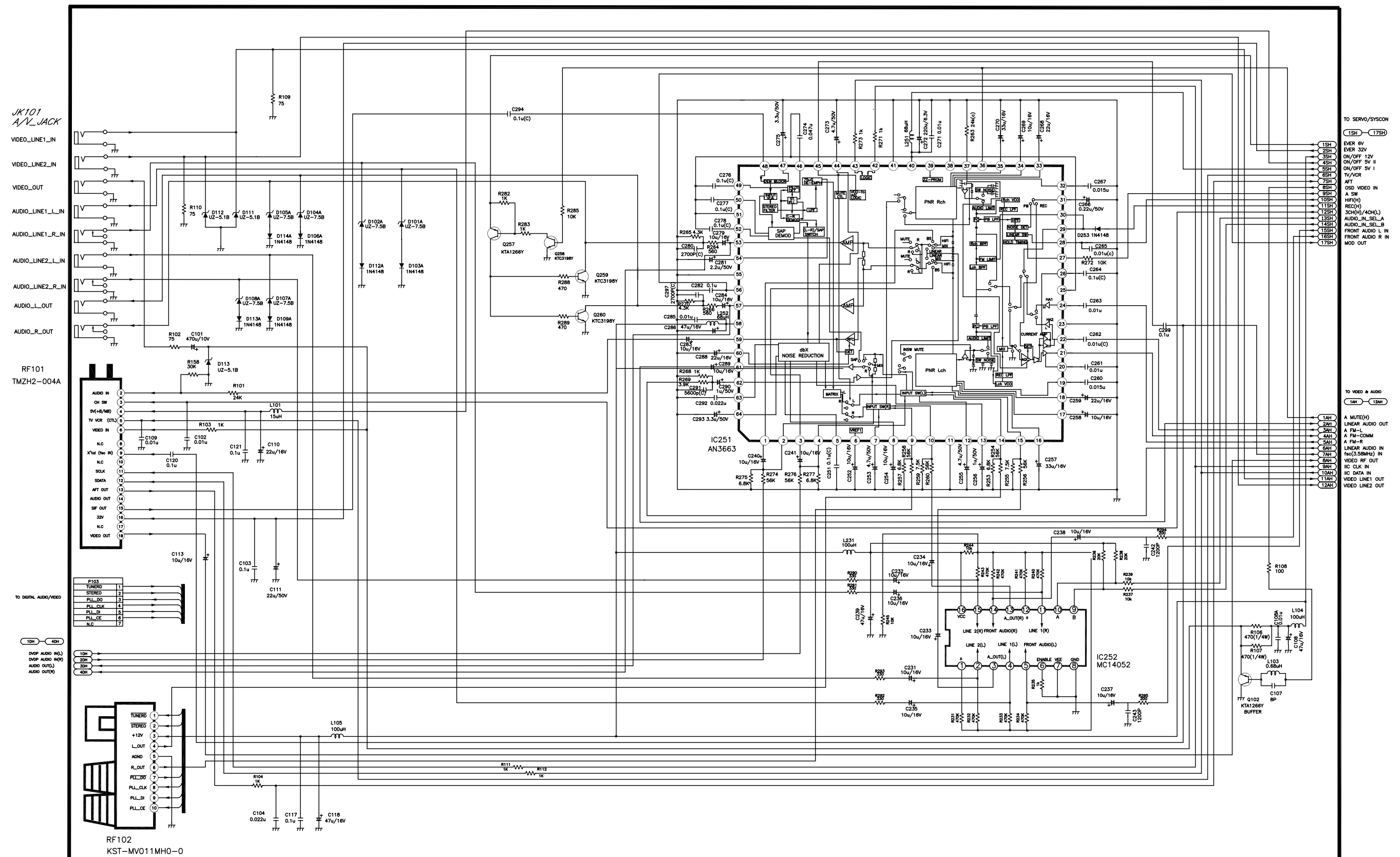


DVD SCHEMATIC DIAGRAM

2. DVD PROCESSOR



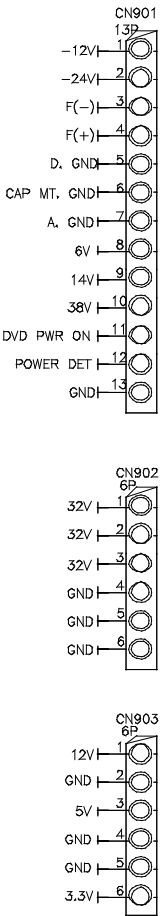
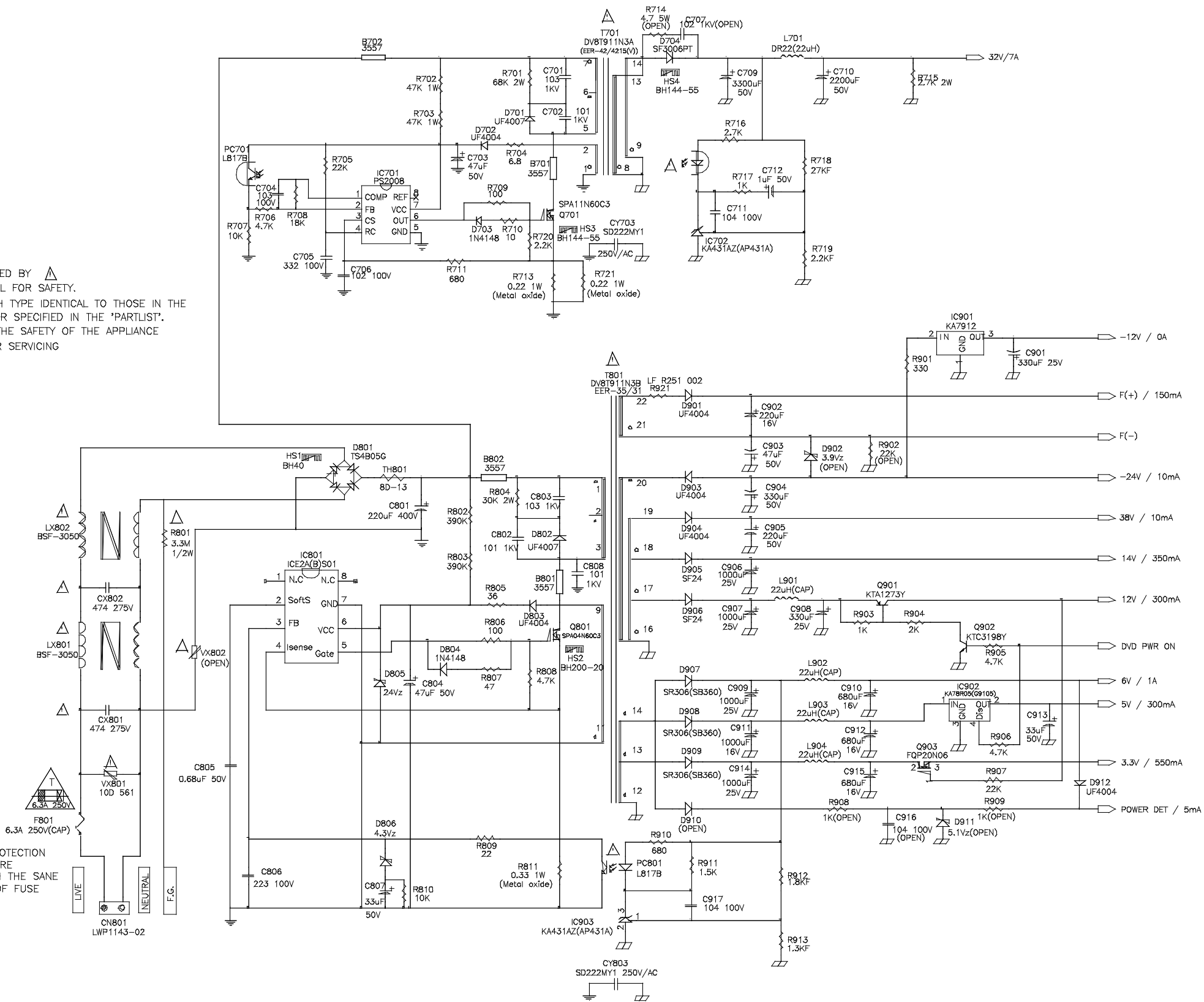
Hi-Fi & S/W & PIF & MPX SCHEMATIC DIAGRAM (DVD COMBO RECEIVER)



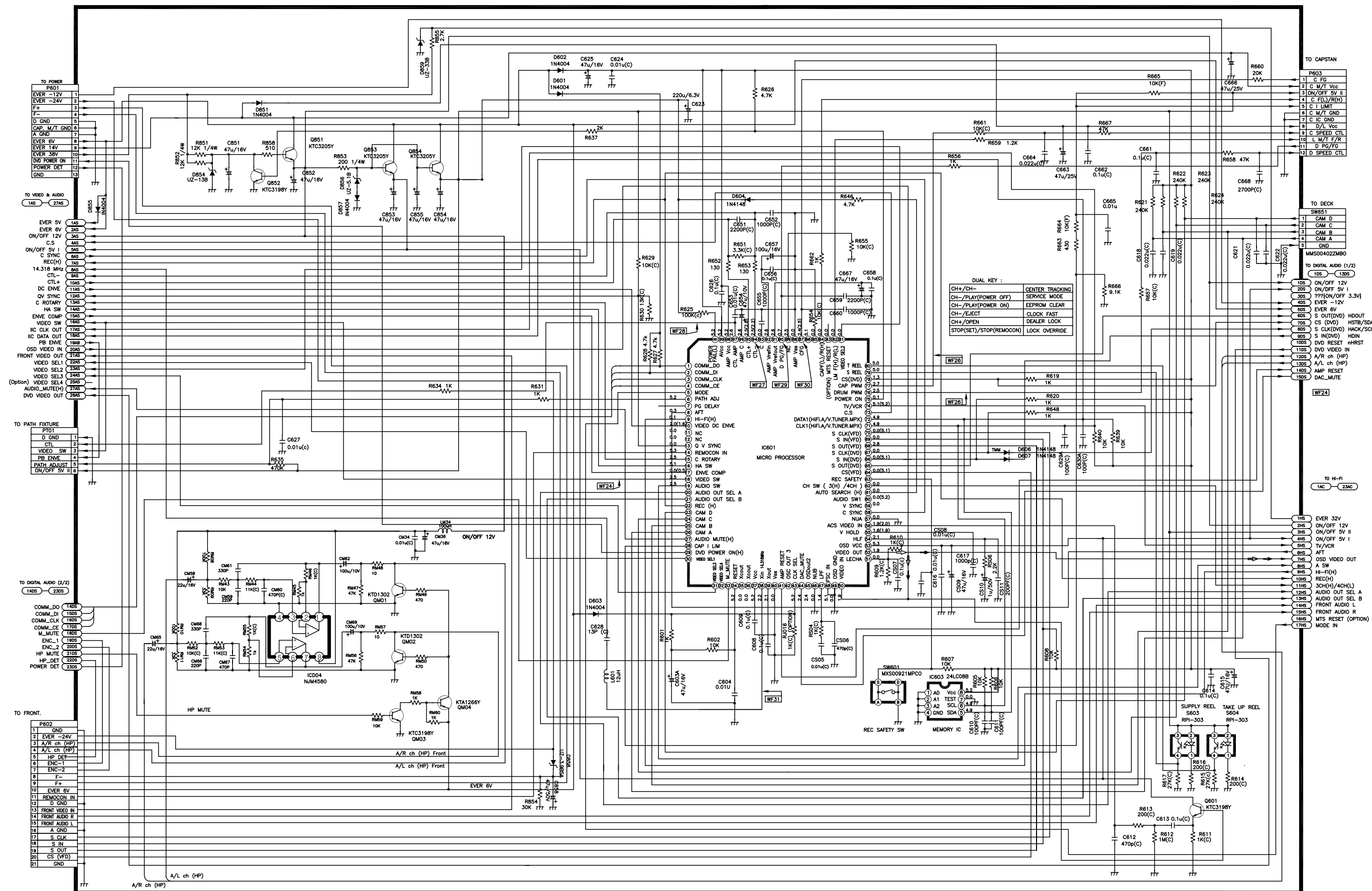
POWER SUPPLY SCHEMATIC DIAGRAM

CAUTION:
THE PARTS IDENTIFIED BY  MARKS ARE CRITICAL FOR SAFETY.
REPLACE ONLY WITH TYPE IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE 'PARTLIST'.
DO NOT DEGRADE THE SAFETY OF THE APPLIANCE THROUGH IMPROPER SERVICING

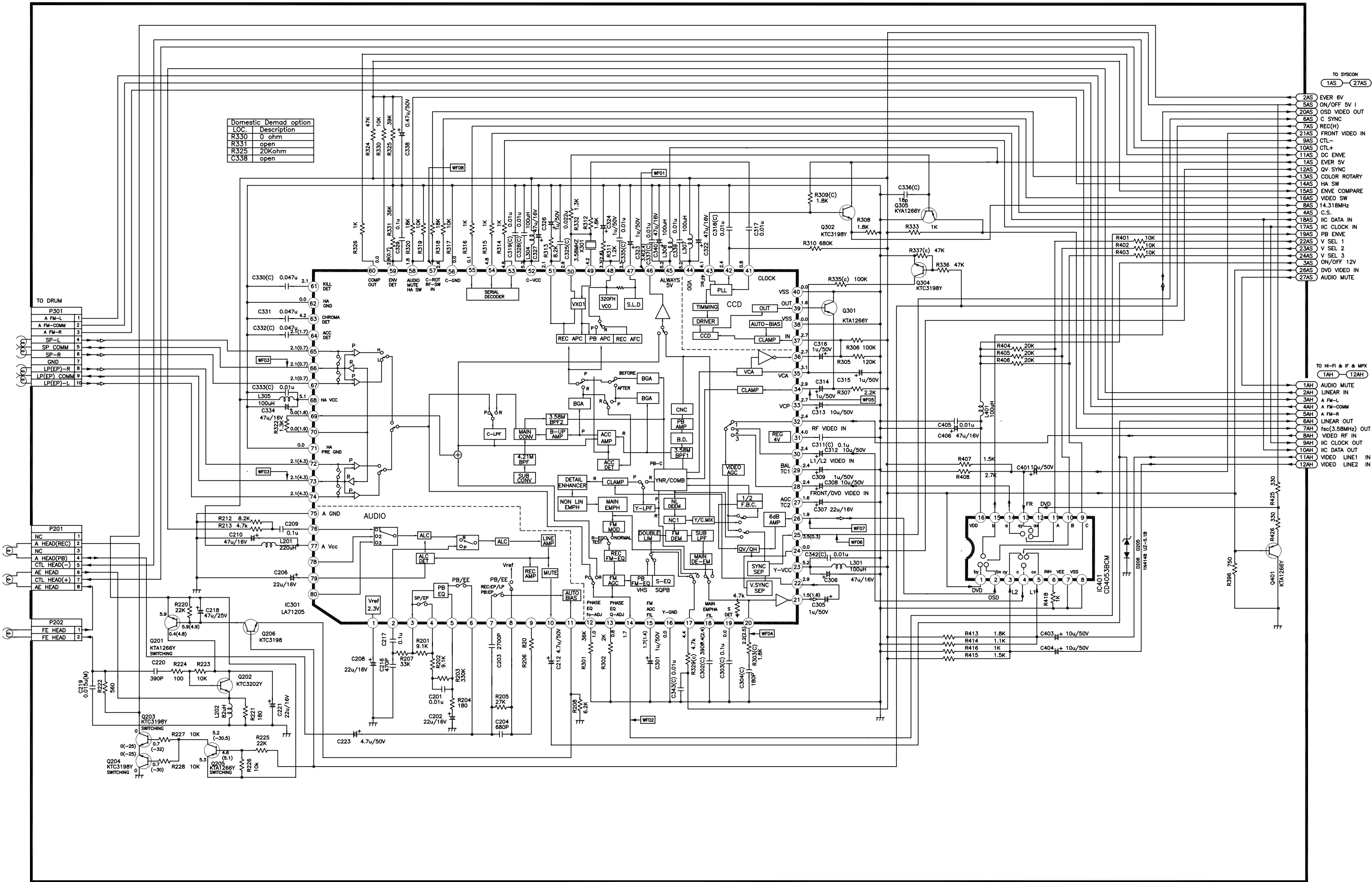
WARNING
FOR CONTINUED PROTECTION
AGAINST RISK OF FIRE
REPLACE ONLY WITH THE SAME
TYPE AND RATING OF FUSE



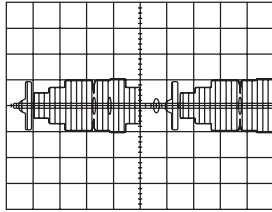
SERVO & SYSCON SCHEMATIC DIAGRAM (DVD COMBO RECEIVER)



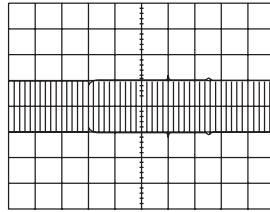
VIDEO/AUDIO SCHEMATIC DIAGRAM (DVD COMBO RECEIVER)



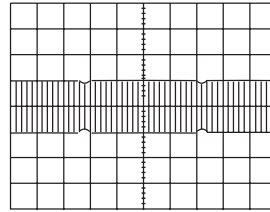
VIDEO WAVEFORMS



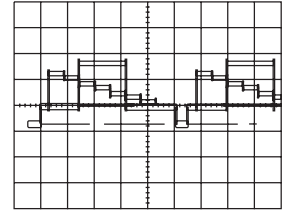
1 (IC301-46) 480mVp-p
200mV/10u sec/cm
REC



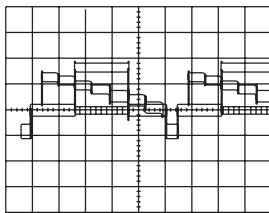
2 (IC301-14) 500mVp-p
200mV/5u s/cm
PLAY



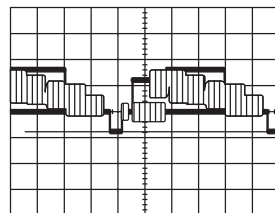
3 SP IC301-66 3.4Vp-p
EP IC301-73 3.2 Vp-p
1V/10msec/cm REC



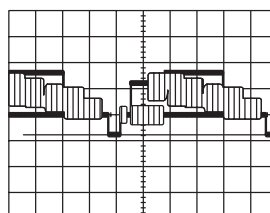
4 (IC301-20) 500mVp-p
200mV/10u sec/cm
REC



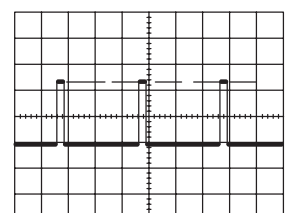
4 (IC301-74) 500mVp-p
200mV/10u sec/cm
PLAY



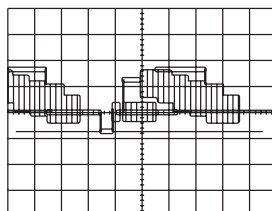
5 (IC301-34) 350mVp-p
200mV/10u sec/cm
REC



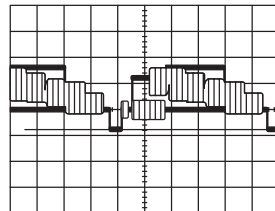
5 (IC301-34) 320mVp-p
200mV/10u sec/cm
PLAY



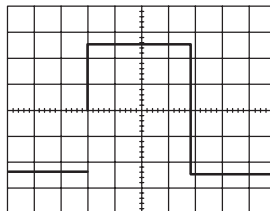
6 (IC301-25) 4.2Vp-p
2V/20u sec/cm
REC/PLAY



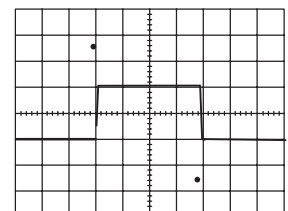
7 IC301 -26 & IC401-15
1V/10u sec/cm
REC



7 IC301-26 & IC401-15
1V/10u sec/cm
PLAY



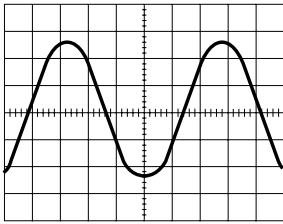
8 (IC301 -57)
0.5/5msec/cm
SP PLAY/REC



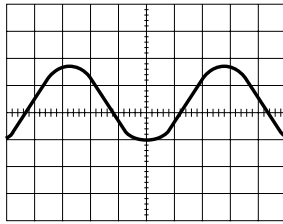
8 (IC301 -57)
0.5/5msec/cm
EP PLAY/REC

AUDIO WAVEFORMS

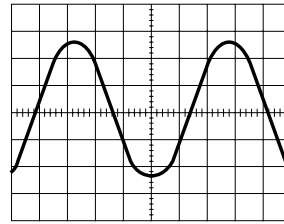
AUDIO(Normal)



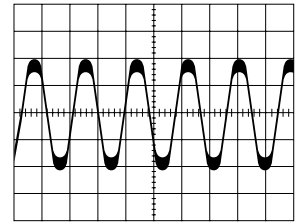
⑨ (IC301-76) 150mVp-p
20mV/0.5msec/cm
REC



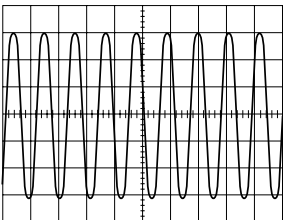
⑩ (IC301-10) 1.5Vp-p
0.5V/0.5msec/cm
REC



⑪ (IC301-9) 2.3Vp-p
0.5V/0.5msec/cm
REC

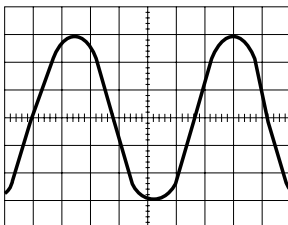


⑫ (IC301-2) 120mVp-p
50mV/0.5msec/cm
PLAY

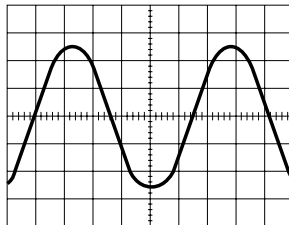


⑬ (P201-2) 75Vp-p
10V/20μsec/cm
REC

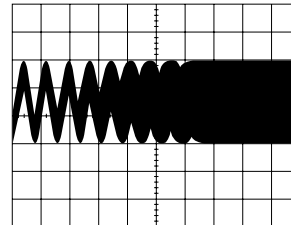
AUDIO(Hi-Fi)



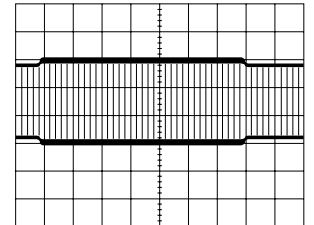
⑭ (IC251-10) 80mVp-p
20mV/0.5msec
EE/REC/PLAY



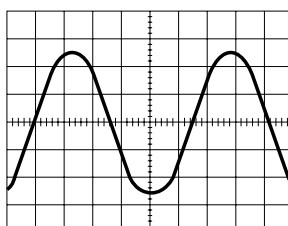
⑮ (IC251-19) 200mVp-p
50mV/0.5msec
EE/REC



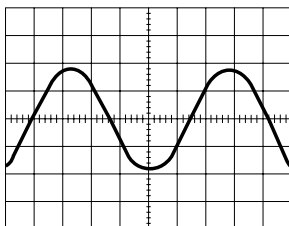
⑯ (IC251-21) 1.8Vp-p
0.5V/1msec
REC



⑰ (IC251-29) 1.2Vp-p
0.2V/2msec
PLAY

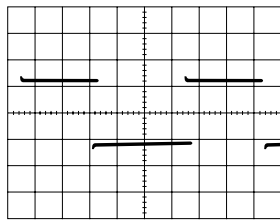


⑱ (IC251-32) 200mVp-p
50mV/0.5msec
EE/REC

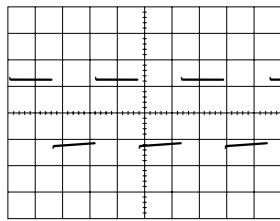


⑲ (IC251-57) 1.0Vp-p
0.5V/0.5msec
EE/REC

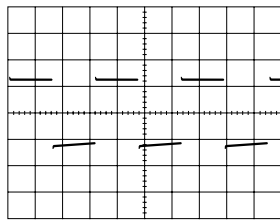
SERVO WAVEFORMS



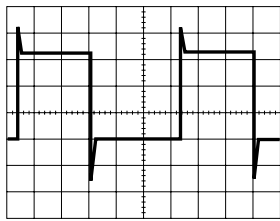
24 (IC601-18) 5Vp-p
2V/5msec/cm
REC/PLAY



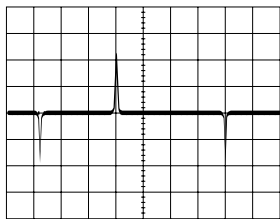
25 (IC601-77) 5Vp-p
2V/5μsec/cm
REC/PLAY



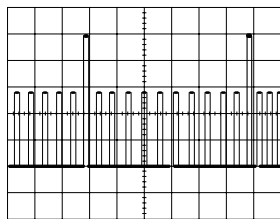
26 (IC601-76) 5Vp-p
2V/5μsec/cm
REC/PLAY



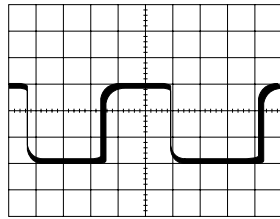
27 (IC601-94) 3Vp-p
1V/5msec/cm
REC



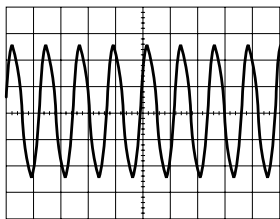
28 (IC601-97) 4.4Vp-p
1V/5msec/cm
PLAY



29 (IC601-90) 25Vp-p&5Vp-p
1V/5msec/cm
REC/PLAY

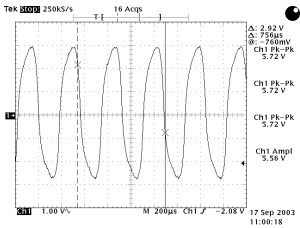


30 (IC601-87) 2.5Vp-p
1V/0.2msec/cm
REC/PLAY

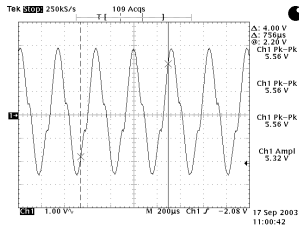


31 (IC601-38) 2.6Vp-p
0.5V/0.1μ sec/cm
REC/PLAY

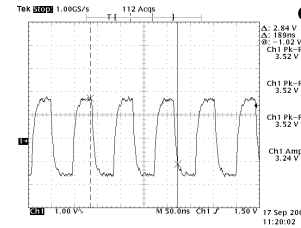
AMP AUDIO WAVEFORMS



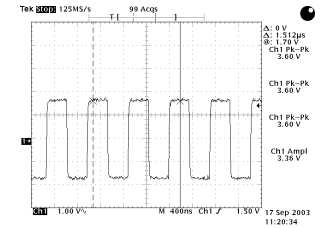
Amp Micom(IC220)
PIN#20(AMP CLK)



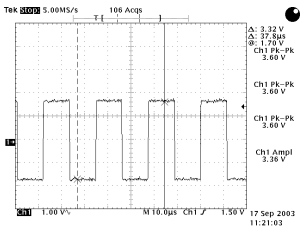
Amp Micom(IC220)
PIN#21(AMP CLK)



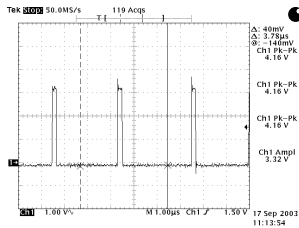
MCLK DDX-8000 (IC200)
PIN#20



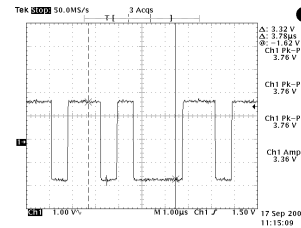
BCK DDX-8000(IC200)
PIN#11



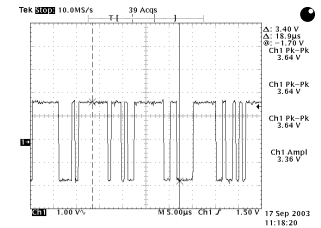
LRCK DDX-8000 (IC200)
PIN#10



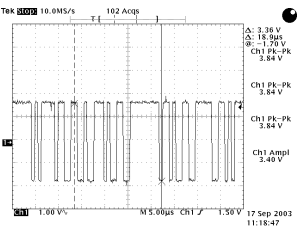
PCM0(downmix) DDX-
8000 (IC200) PIN#6



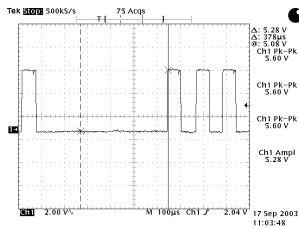
PCM1(Front L/R) DDX-
8000 (IC200) PIN#9



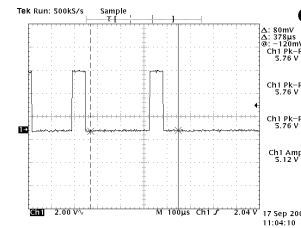
PCM2(CEN/SUB) DDX-
8000 (IC200) PIN#7



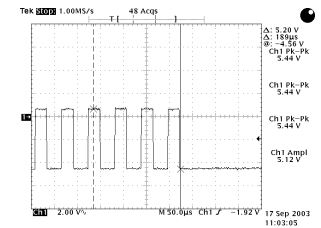
PCM3(Rear L/R)
DDX-8000 (IC200) PIN # 8



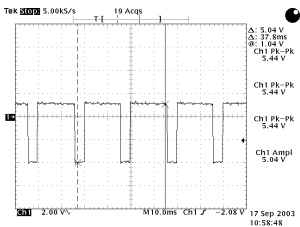
AMP Micom(IC220)
PIN#38(COMM_DO)



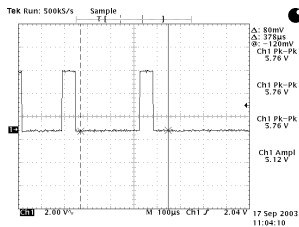
AMP Micom (IC220)
PIN#39(COMM_DI)



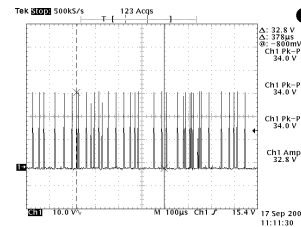
AMP Micom(IC220)
PIN#36(COMM_CLK)



AMP Micom(IC220) PIN #
14(COMM_CE)



DDX-2100 Data In PIN #
29, 30,31,32



DDX-2100 Data OUT PIN
2,3,8,9,10,11,16,17