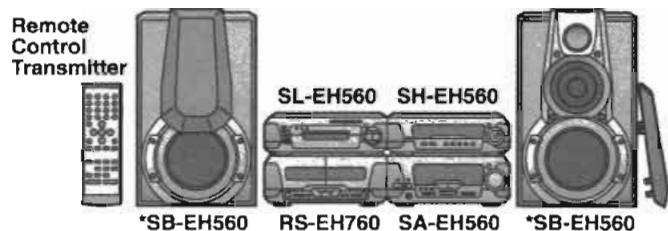


# Service Manual

## Sound Processor

VIRTUAL  
 DOLBY  
 SURROUND



### SH-EH560

Colour

(S).....Silver Type

Area

(E).....Europe.

Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

System	SC-EH560
Sound Processor	<b>SH-EH560</b>
Tuner/Amplifier	SA-EH560
CD Player	SL-EH560
Cassette Deck	RS-EH760
Front Speakers*	SB-EH560

\*: Made in Spain.

## Specifications

### EQ/SFP section

#### MANUAL GEQ:

##### 3-Band parametric EQ Center frequency;

High band 3.5 kHz, 5.3 kHz, 8 kHz, 12.5 kHz

Mid band 240 Hz, 390 Hz, 630 Hz, 1 kHz,  
1.5 kHz, 2.3 kHz, 3.5 kHz

Low band 70 Hz, 90 Hz, 143 Hz, 240 Hz

Level control;  $\pm 1.2, 2.4, 3.6, 4.8, 6$  dB

#### EQ SPACE mode:

3 modes; HEAVY, CLEAR, HALL

#### 3D acoustic image EQ:

3 modes; AI EQ, 3D AI 1, 3D AI 2

### Pre-amplifier section

#### Input sensitivity/impedance:

VCR (EXT); 250 mV/15 k $\Omega$

#### Output level:

VCR REC OUT; 150 mV/1.5 k $\Omega$

### VIRTUAL DOLBY SURROUND section

Mode: VIRTUAL DOLBY SURROUND

### AV SURROUND section

AV surround mode: SIMULATED STEREO

### DSP CONTROL section

DSP control mode: SEAT POSITION  
CENTER EFFECT (1, 2, 3),  
SURROUND EFFECT (1, 2, 3)

### Spectrum Analyzer section

Display mode: NORMAL, PEAKHOLD, AURORA

### General


Dimensions (W×H×D): 293×89×269 mm

Mass: 1.4 kg

Notes: Specifications are subject to change without notice.

Mass and dimensions are approximate.

Manufactured under license from Dolby Laboratories Licensing Corporation.

DOLBY, the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

## WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

# Technics®

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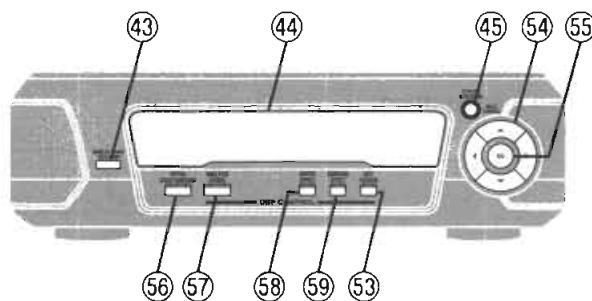
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## 1 Note

Refer to the service manual for Model No. SA-EH560 (ORDER No. AD0002043C2) for information on Packaging.

## 2 Location of Controls

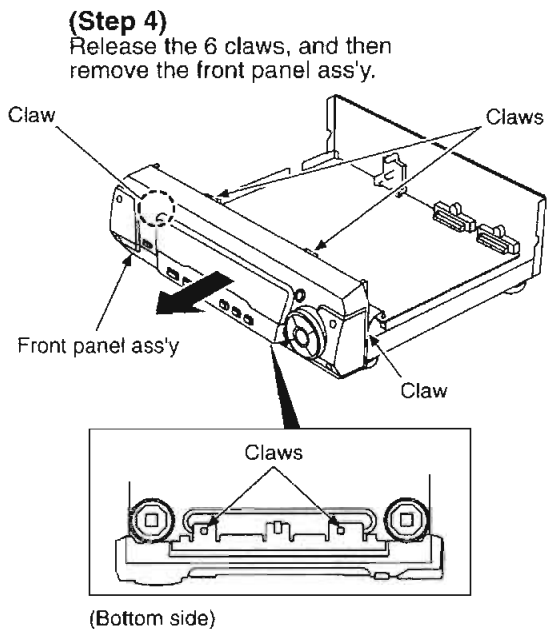
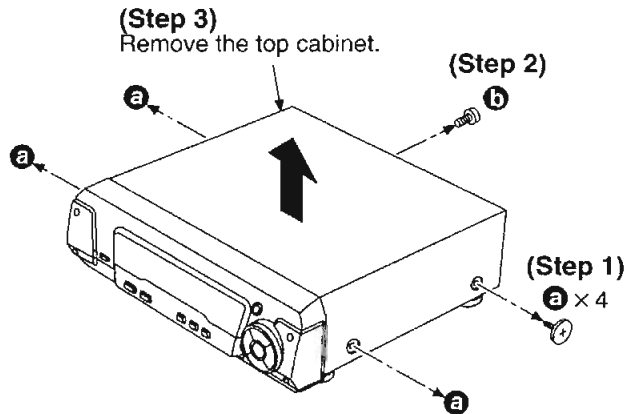


- ④③ Display mode, virtual speaker demo button  
(DISPLAY MODE, --□□V DEMO)
- ④④ Display
- ④⑤ 3D AI EQ, M.EQ BAND button  
(3D AI EQ/M.EQ BAND)
- ⑤③ Seat position button and indicator  
(SEAT POSITION)
- ⑤④ Multi control buttons  
(◀, ▶, ▲, ▼ MULTI CONTROL)
- ⑤⑤ EQ button (EQ)
- ⑤⑥ Virtual Dolby Surround button and indicator  
(VIRTUAL DOLBY SURROUND)
- ⑤⑦ Simulated stereo button and indicator  
(SIMULATED STEREO)
- ⑤⑧ Center effect button and indicator  
(CENTER EFFECT)
- ⑤⑨ Surround effect button and indicator  
(SURROUND EFFECT)

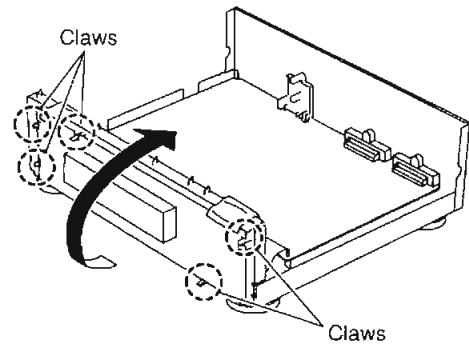
### 3 Operation Checks and Component Replacement Procedures

- This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
- For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

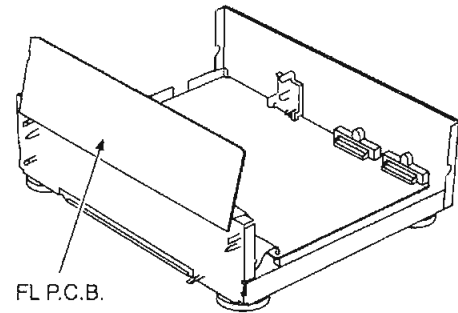
#### 3.1. Checking for the FL P.C.B.



- (Step 5)  
Release the 5 claws, and then remove the FL P.C.B..

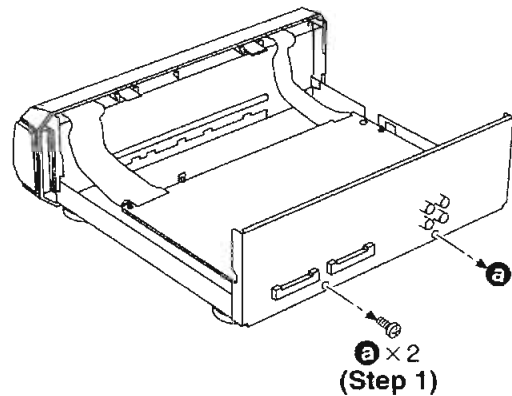


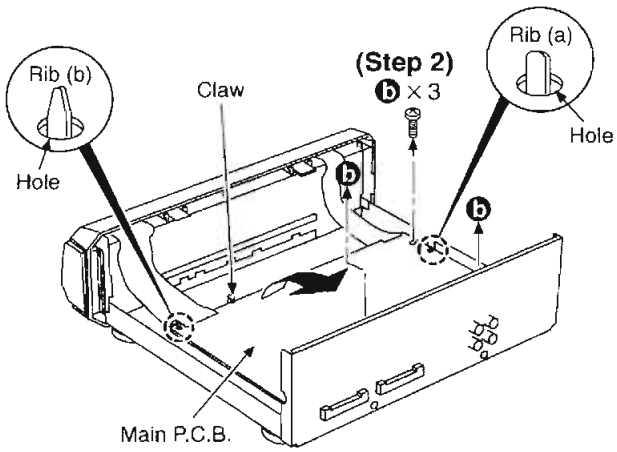
- Check the FL P.C.B. as shown below.



#### 3.2. Checking for the main P.C.B.

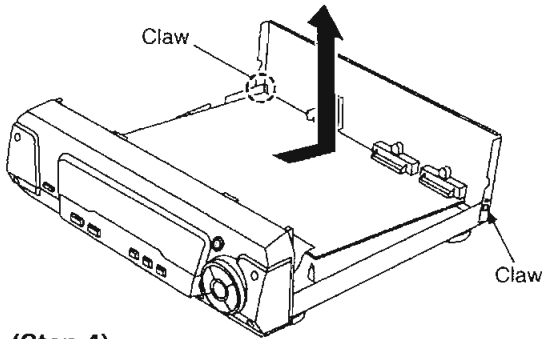
- Follow the (Step 1) - (Step 3) of item 3.1.





**(Step 3)**

Release the claw, and then lift up the main P.C.B..  
(Lift up the main P.C.B. until the rib (a) and rib (b) are released from the hole of main P.C.B..)



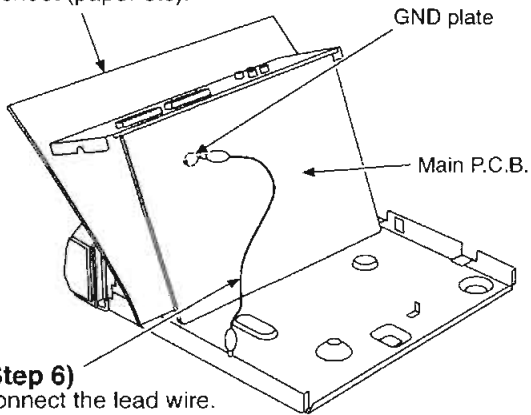
**(Step 4)**

Release the 2 claws, and then remove the main P.C.B. in the direction of arrow.

• Check the main P.C.B. as shown below.

**(Step 5)**

Insert the insulator sheet (paper etc).



**(Step 6)**

Connect the lead wire.

## 4 To Supply Power Source

This unit is designed to operate on power supplied from system connected.

When a component requires service, use the system connections to supply power source.

For system connections, refer to Fig. 4-1.

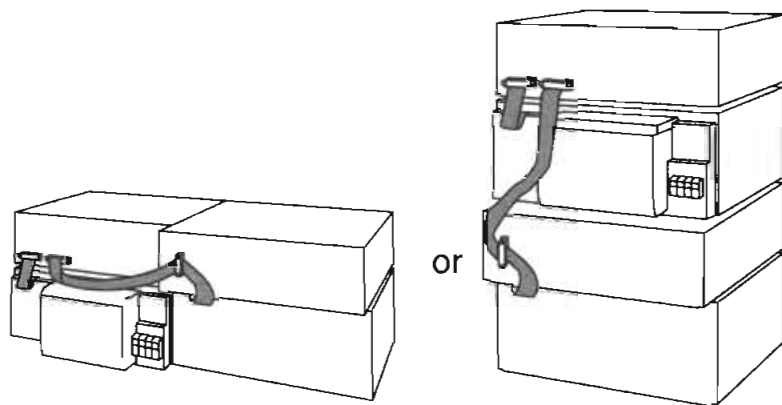


Fig. 4-1.

## 5 Schematic Diagram Notes

- This schematic diagram may be modified at any time with the development of new technology.

### Notes:

<b>S601:</b>	Display mode, virtual speaker demo switch (DISPLAY MODE,  V DEMO)
<b>S602:</b>	Virtual Dolby Surround switch (VIRTUAL DOLBY SURROUND)
<b>S603:</b>	Simulated stereo switch (SIMULATED STEREO)
<b>S605:</b>	Center effect switch (CENTER EFFECT)
<b>S606:</b>	Surround effect switch (SURROUND EFFECT)
<b>S607:</b>	Seat position switch (SEAT POSITION)
<b>S608:</b>	Multi control switch (  )
<b>S609:</b>	Multi control switch (  )
<b>S610:</b>	Multi control switch (  )
<b>S611:</b>	Multi control switch (  )
<b>S612:</b>	3D AI EQ, M.EQ BAND switch (3D AI EQ/M.EQ BAND)
<b>S615:</b>	EQ switch (EQ)

- Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.

No mark : Power ON

- Important safety notice:

Components identified by mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

- **Caution!**

IC and LSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during repair.

Cover the parts boxes made of plastics with aluminum foil.

Ground the soldering iron.

Put a conductive mat on the work table.

Do not touch the legs of IC or LSI with the fingers directly.

- Voltage and signal line

	: Positive voltage line
	: Negative voltage line
	: CD playback signal line

# 6 Schematic Diagram

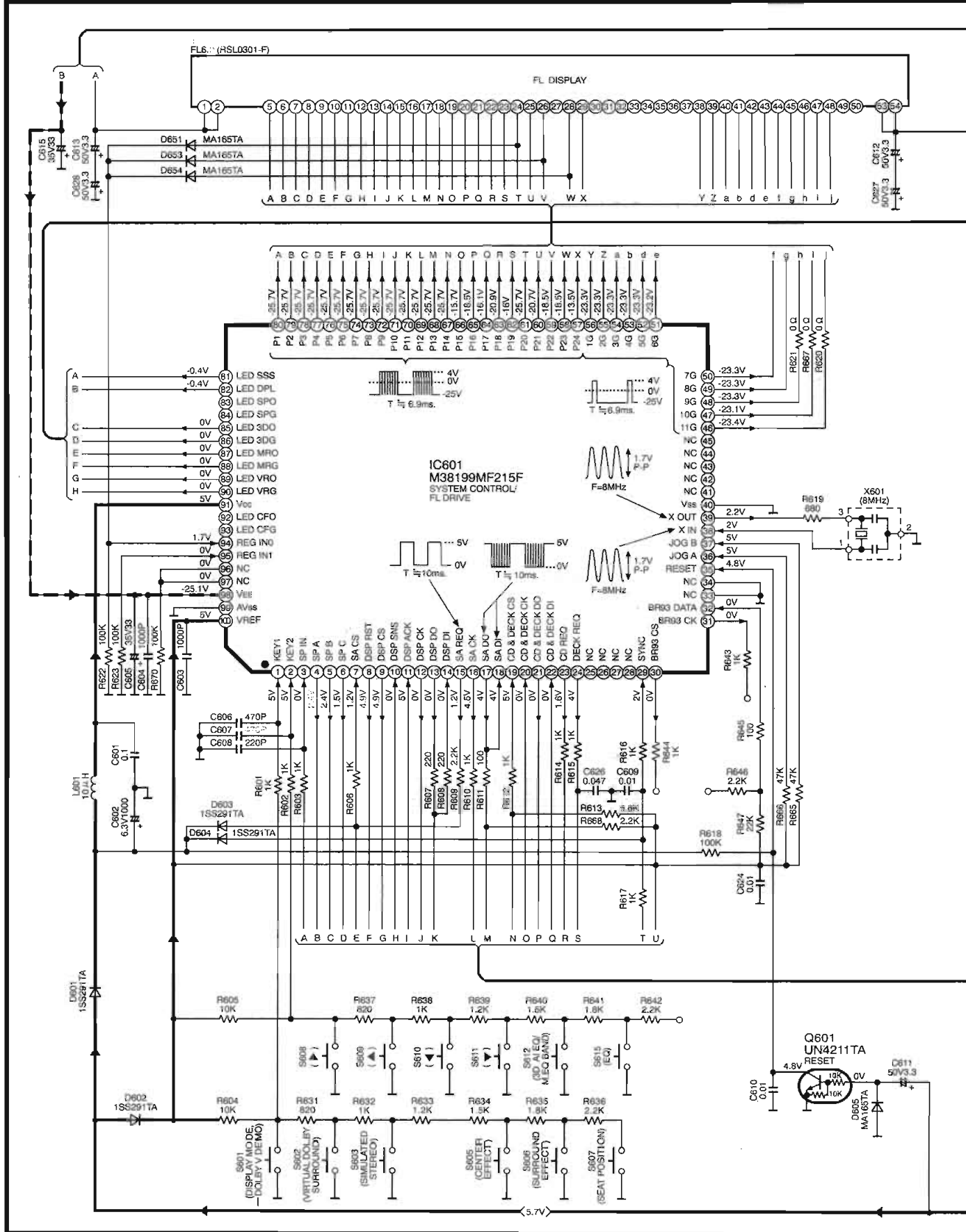
SCHEMATIC DIAGRAM-1

## A FL CIRCUIT

**NOTE:**

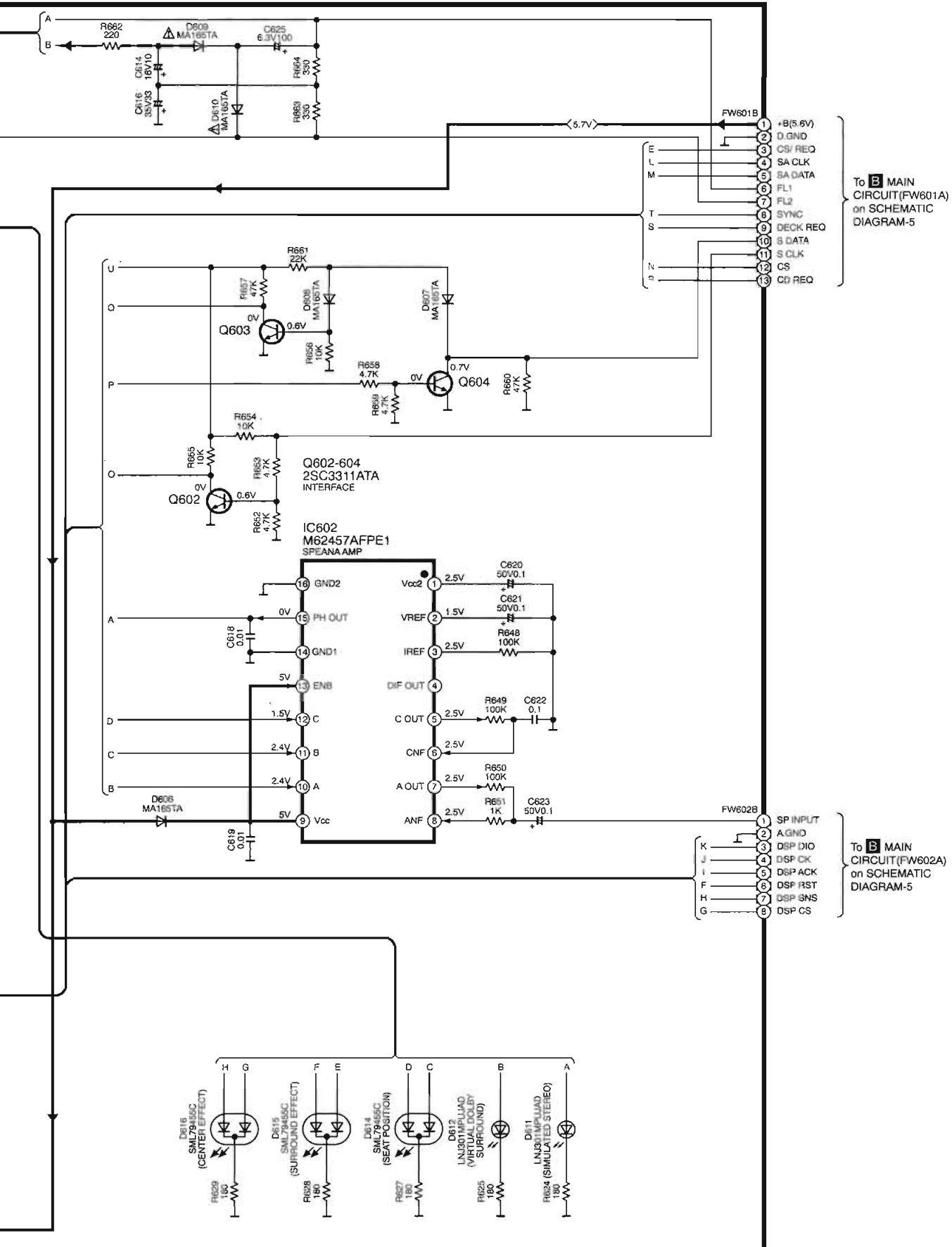
The number which noted at the connectors on the schematic diagram as "SCHEMATIC DIAGRAM-1" or "SCHEMATIC DIAGRAM-2" indicates the schematic diagram serial number located on the left corner in the schematic diagram.

→ POSITIVE VOLTAGE LINE  
→ NEGATIVE VOLTAGE LINE



SCHEMATIC DIAGRAM-2

→ POSITIVE VOLTAGE LINE    - - - NEGATIVE VOLTAGE LINE



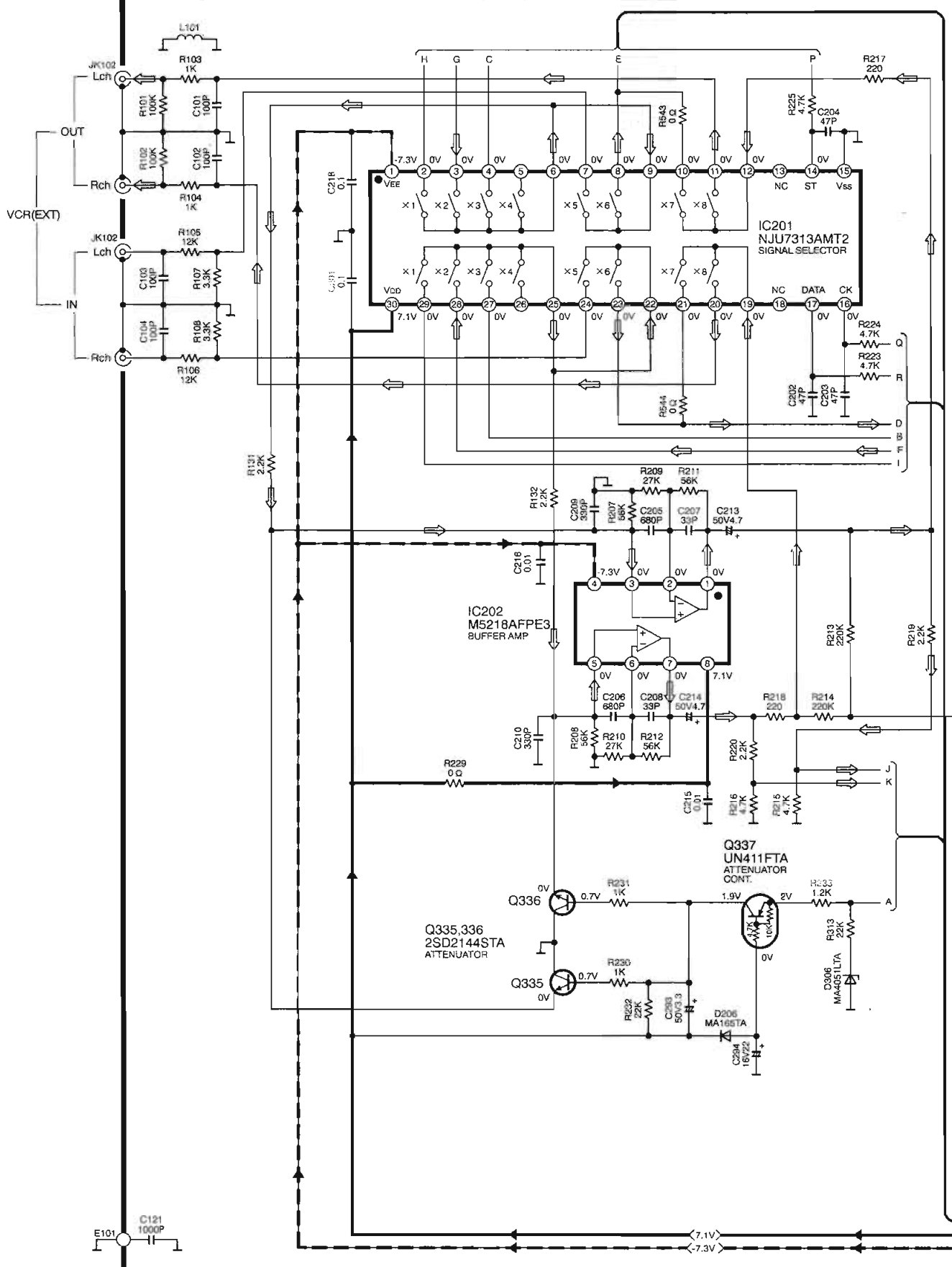
To **E** MAIN CIRCUIT (FW601A) on SCHEMATIC DIAGRAM-5

To **B** MAIN CIRCUIT (FW602A) on SCHEMATIC DIAGRAM-5

SCHEMATIC DIAGRAM-3

**B** MAIN CIRCUIT

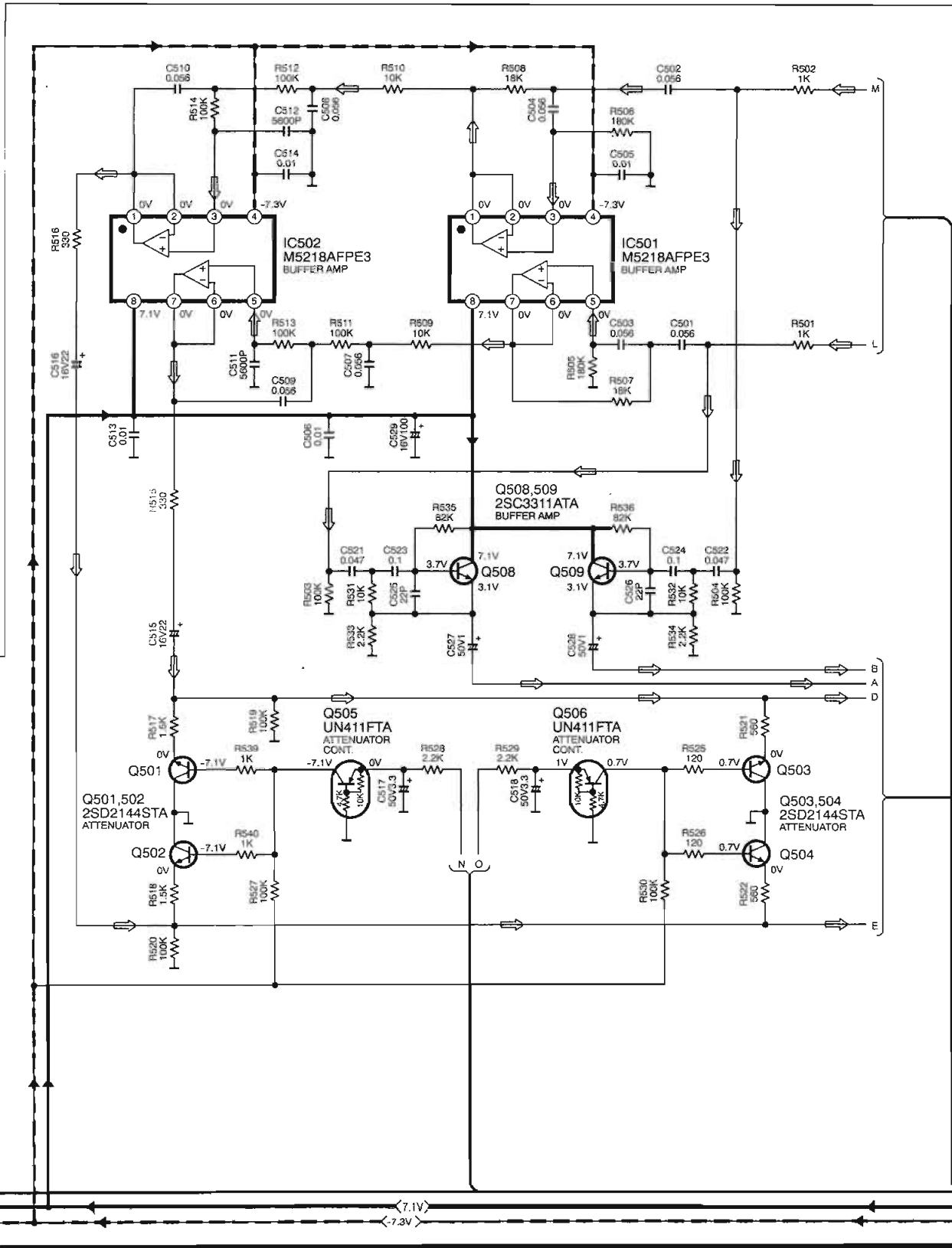
→ : POSITIVE VOLTAGE LINE    - - - - - : NEGATIVE VOLTAGE LINE    ⇨ : CD PLAYBACK SIGNAL LINE





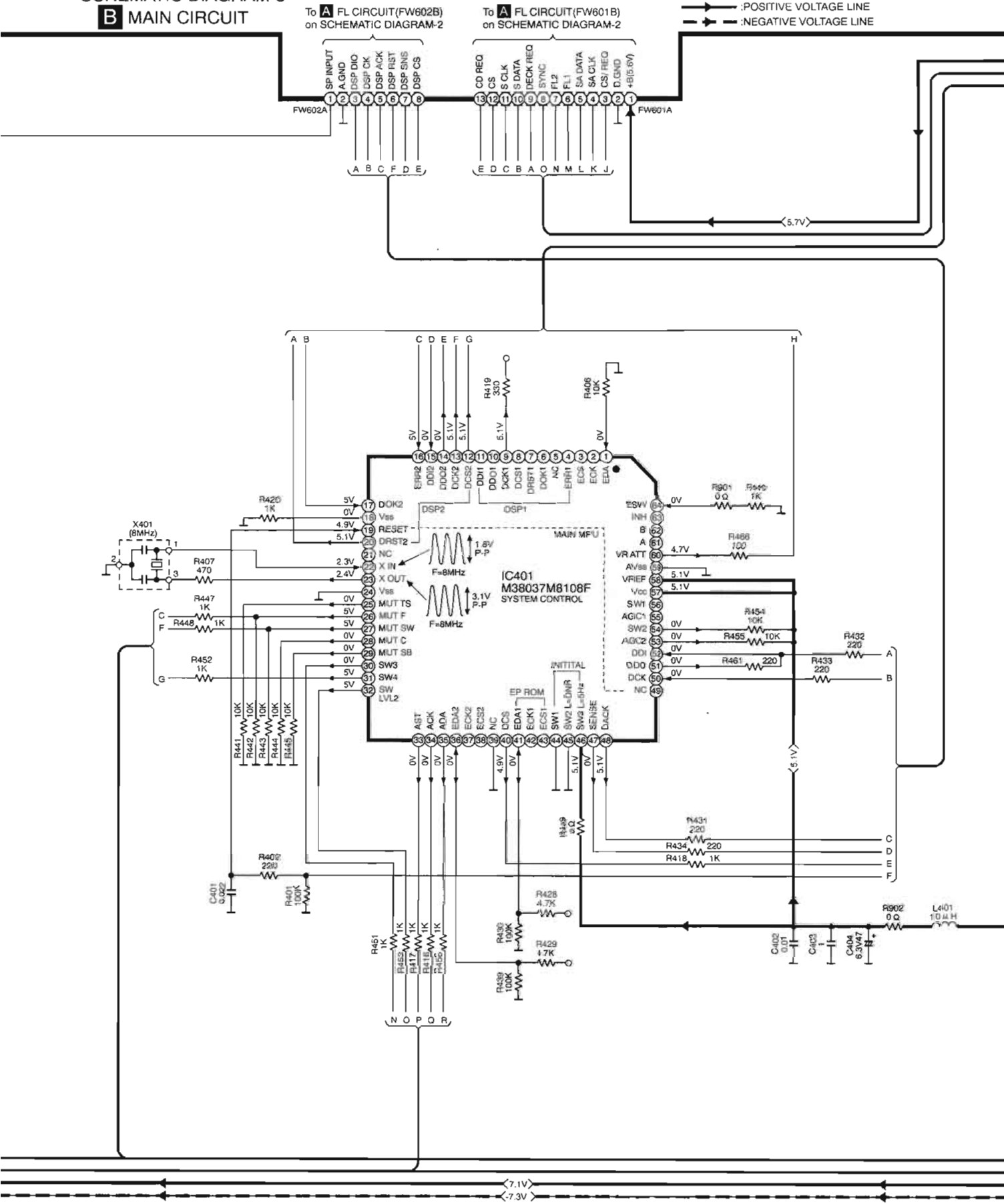
# SCHEMATIC DIAGRAM-4

➔ : POSITIVE VOLTAGE LINE   ➔➔ : NEGATIVE VOLTAGE LINE   ⇨ : CD PLAYBACK SIGNAL LINE



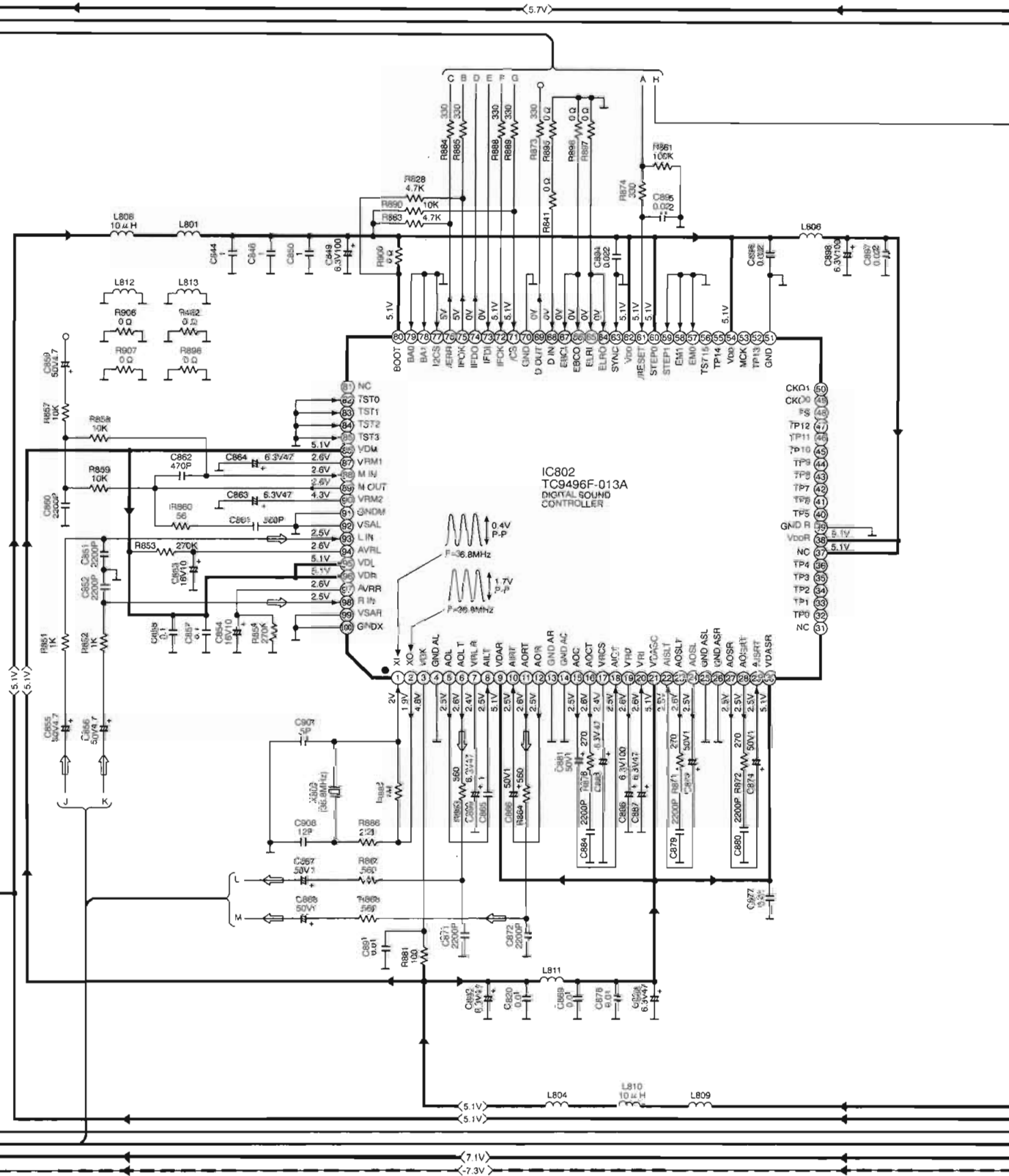
SCHMATIC DIAGRAM-5

**B** MAIN CIRCUIT



# SCHEMATIC DIAGRAM-6

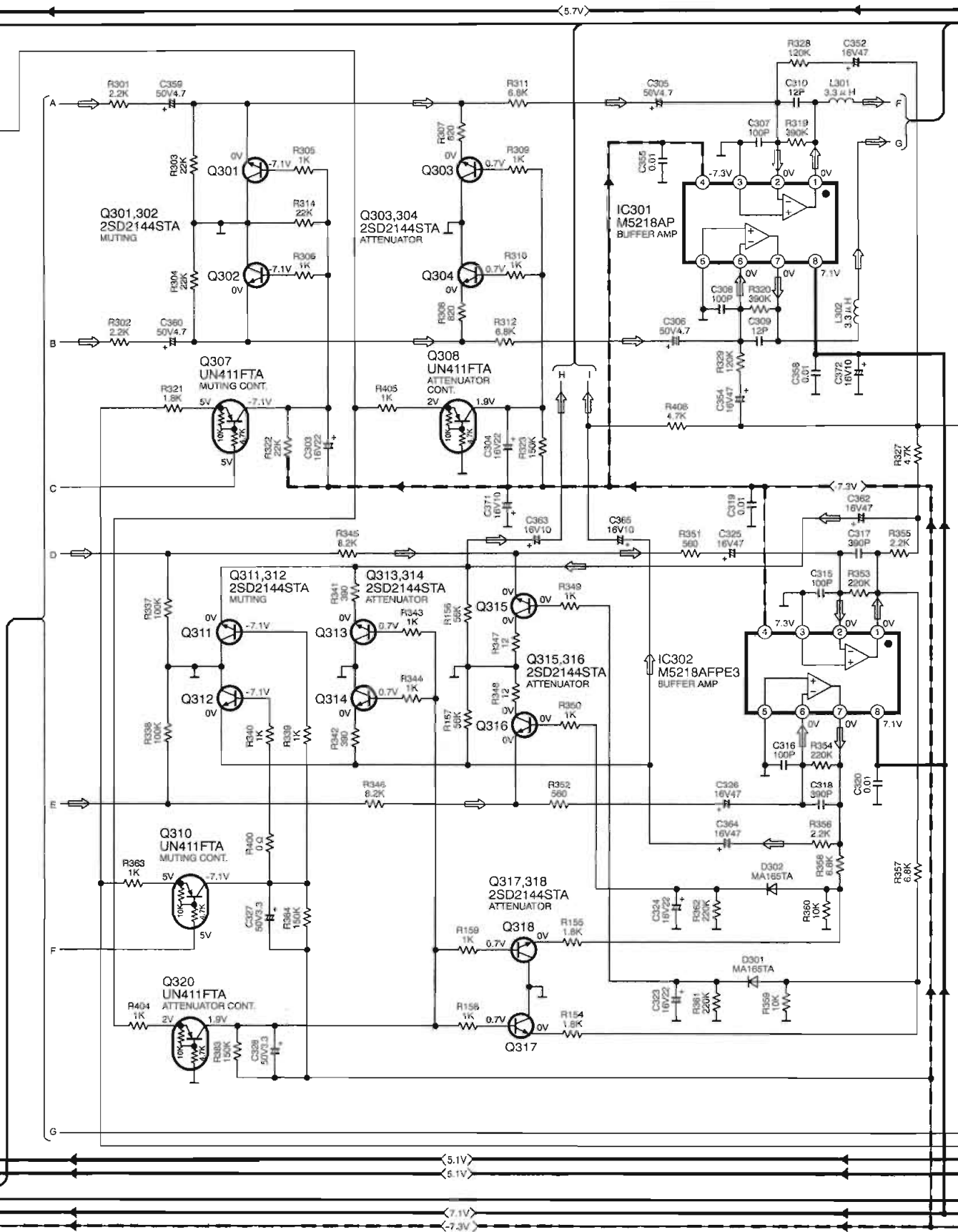
→ : POSITIVE VOLTAGE LINE    ← : NEGATIVE VOLTAGE LINE    ⇄ : CD PLAYBACK SIGNAL LINE



SCHEMATIC DIAGRAM-7

B MAIN CIRCUIT




→ : POSITIVE VOLTAGE LINE    -> : NEGATIVE VOLTAGE LINE    ⇨ : CD PLAYBACK SIGNAL LINE

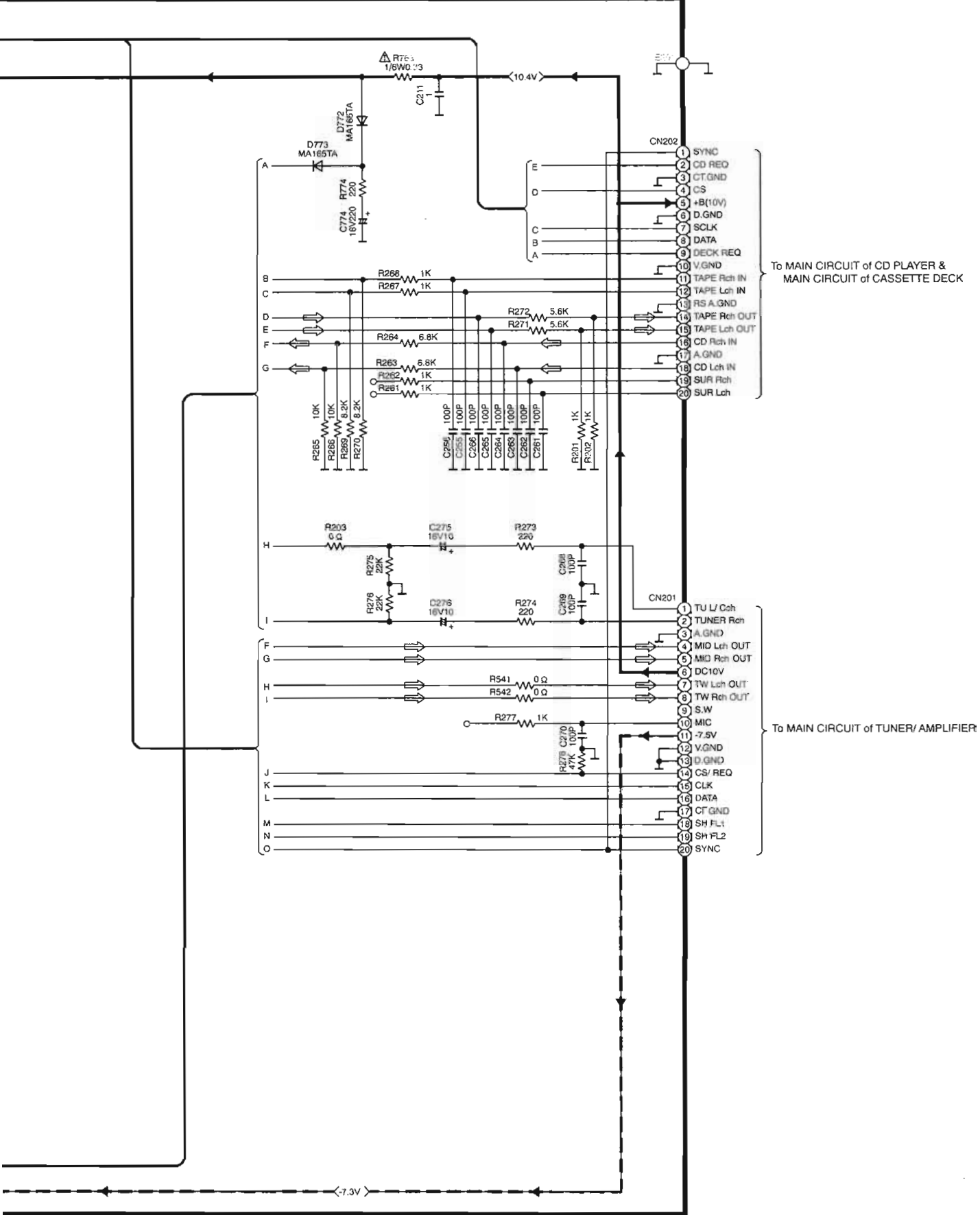




SCHEMATIC DIAGRAM-9

**B** MAIN CIRCUIT

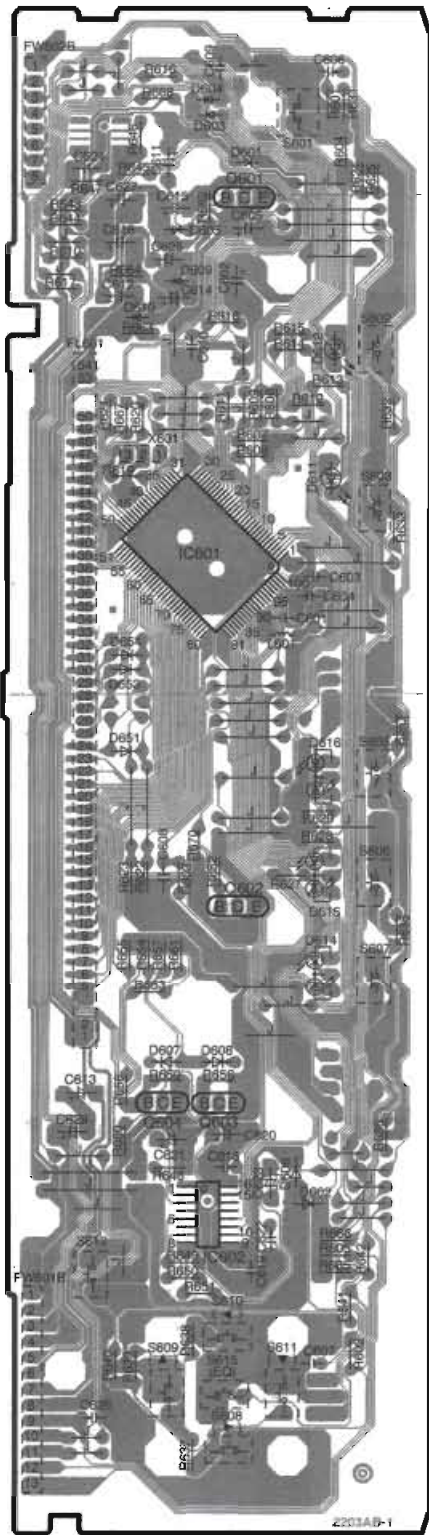
 : POSITIVE VOLTAGE LINE  
 : NEGATIVE VOLTAGE LINE     : CD PLAYBACK SIGNAL LINE



# 7 Printed Circuit Board Diagram



## A FL P.C.B.



DISPLAY MODE,  
-DOLBY V DEMO

VIRTUAL DOLBY  
SURROUND

SIMULATED  
STEREO

CENTER  
EFFECT

SURROUND  
EFFECT

SEAT  
POSITION

3D AI EQ/  
M.EQ BAND

### ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
<b>A FL P.C.B.</b>					
IC601	4B	R605	7C	R652	5B
IC602	7B	R606	3C	R653	6B
Q601	2B	R607	3B	R654	6B
Q602	5B	R608	3B	R655	6B
Q603	6B	R609	3B	R656	6B
Q604	6B	R610	2B	R657	6B
D601	2B	R611	3B	R658	6B
D602	7C	R612	3C	R659	6B
D603	2B	R613	3C	R660	6B
D604	2B	R614	3C	R661	6B
D605	2B	R615	3C	R662	2B
D606	7C	R616	2B	R663	3B
D607	6B	R617	3B	R664	2B
D608	6B	R618	3B	R665	7C
D609	2B	R619	3B	R666	7C
D610	3B	R620	3B	R667	3B
D611	3C	R621	3B	R668	2B
D612	3C	R622	5B	R670	5B
D614	6C	R623	5B	C601	4C
D615	5C	R624	2C	C602	2B
D616	5C	R625	2C	C603	4C
D651	5B	R627	5C	C604	4C
D653	4B	R628	5C	C605	2B
D654	4B	R629	5C	C606	2C
L601	4C	R631	2C	C607	7C
X601	3B	R632	3C	C608	5B
FL601	4B	R633	4C	C609	2B
S601	2C	R634	5C	C610	3B
S602	3C	R635	5C	C611	2B
S603	4C	R636	6C	C612	3B
S605	5C	R637	8B	C613	6B
S606	5C	R638	7B	C614	3B
S607	6C	R639	7B	C615	2B
S608	8B	R640	7B	C616	2B
S609	8B	R641	7C	C618	7B
S610	7B	R642	7C	C619	7B
S611	8C	R643	2B	C620	6B
S612	7B	R644	2B	C621	6B
S615	8B	R645	2B	C622	7C
FW601B	6A	R646	2B	C623	7C
FW602B	2A	R647	2B	C624	2B
R601	2C	R648	7B	C625	2B
R602	7C	R649	7B	C626	8B
R603	5B	R650	7B	C627	2B
R604	2C	R651	7B	C628	6B

2203AD-1  
(REF2963C-M)





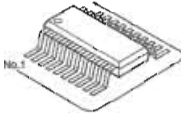
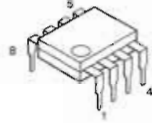
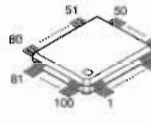
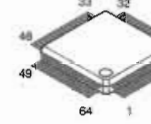
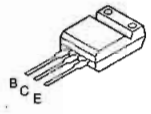

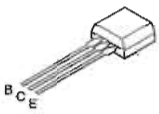
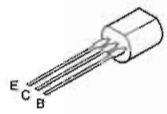
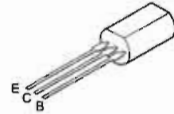
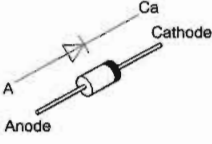
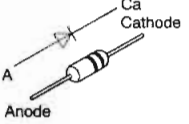
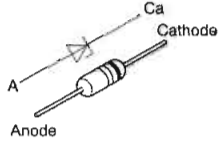
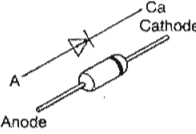
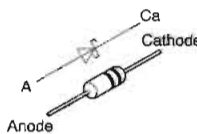
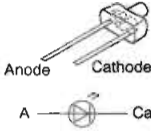
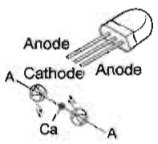


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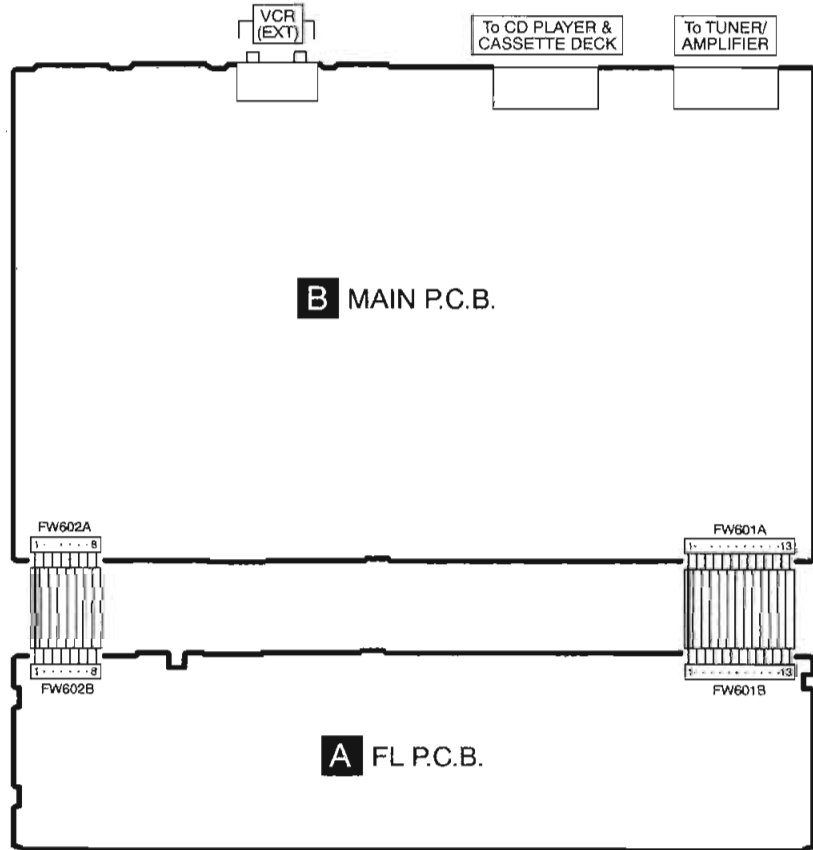
■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
■ MAIN P.C.B.													
IC201	4C	L809	2E	R277	7B	R429	5E	R767	2F	C263	6C	C525	3C
IC202	3B	L810	3D	R278	8B	R430	5E	R768	2F	C264	6C	C526	3D
IC301	7C	L811	4D	R301	6C	R431	5E	R769	3F	C265	5B	C527	3C
IC302	7D	L812	4F	R302	6C	R432	5F	R770	8D	C266	4B	C528	3C
IC401	4E	L813	3D	R303	7C	R433	5E	R771	8D	C268	7B	C529	3C
IC501	4D	X401	4E	R304	7D	R434	5E	R772	8C	C269	7B	C753	8C
IC502	4D	X802	4D	R305	6C	R439	5E	R773	2F	C270	7B	C754	9E
IC802	3E	CN201	7B	R306	6D	R440	4F	R774	8C	C275	5B	C761	8B
Q301	6C	CN202	6B	R307	7C	R441	4E	R828	3E	C276	5C	C762	7C
Q302	6D	JK102	4B	R308	7D	R442	4E	R841	3E	C293	6C	C763	7C
Q303	7C	E101	1C	R309	7C	R443	4E	R851	3D	C294	6C	C764	7C
Q304	7D	E201	6C	R310	7D	R444	5D	R852	3D	C302	8D	C765	3F
Q307	7D	FW601A	8F	R311	7C	R445	5D	R853	3D	C303	8D	C766	3F
Q308	8D	FW602A	2F	R312	7D	R447	5F	R854	3D	C304	8D	C767	2F
Q310	7E	R101	4B	R313	6D	R448	5D	R857	3D	C305	7C	C768	2F
Q311	7E	R102	4B	R314	6D	R451	5E	R858	3E	C306	7D	C769	8D
Q312	6E	R103	4B	R319	7C	R452	5E	R859	3E	C307	7C	C770	8E
Q313	6E	R104	4B	R320	7C	R453	5E	R860	3D	C308	7C	C771	3F
Q314	6E	R105	3B	R321	8D	R454	5F	R861	3F	C309	7C	C772	2F
Q315	7D	R106	3B	R322	8D	R455	5F	R863	3D	C310	7C	C773	8B
Q316	7D	R107	3B	R323	7D	R456	5E	R864	4E	C315	7D	C774	8C
Q317	7E	R108	3B	R327	8D	R459	5E	R867	3D	C316	7D	C820	4D
Q318	7E	R131	4C	R328	7C	R461	5F	R868	4D	C317	7D	C844	3E
Q320	7E	R132	4C	R329	7C	R462	4E	R871	4E	C318	7D	C846	3E
Q331	8C	R154	7E	R330	8D	R466	6F	R872	4E	C319	7D	C849	3E
Q332	8C	R155	7E	R331	8C	R501	3D	R873	3E	C320	7D	C850	3F
Q335	3C	R156	6E	R332	8C	R502	3D	R874	3E	C323	7E	C851	3D
Q336	4C	R157	6E	R333	8D	R503	4C	R876	4E	C324	7E	C852	3D
Q337	6C	R158	7E	R337	6D	R504	3D	R881	4D	C325	7D	C853	3D
Q501	5C	R159	7E	R338	6D	R505	4C	R882	3E	C326	7D	C854	3D
Q502	5D	R201	7B	R339	7E	R506	4D	R883	3E	C327	7E	C855	4D
Q503	5D	R202	6B	R340	6E	R507	4C	R884	3F	C328	8E	C856	3D
Q504	5D	R203	2D	R341	7E	R508	4D	R885	3F	C337	8C	C857	3D
Q505	5D	R207	3C	R342	6E	R509	4C	R886	4D	C352	8C	C858	3E
Q506	5D	R208	3B	R343	6D	R510	4D	R888	3F	C354	7D	C859	3D
Q508	3C	R209	3C	R344	6D	R511	4C	R889	4F	C355	7C	C860	3D
Q509	3D	R210	3B	R345	6D	R512	4D	R890	3F	C358	7C	C861	3D
Q761	7B	R211	3C	R346	6D	R513	4C	R895	3E	C359	7C	C862	3E
Q763	7C	R212	3B	R347	7D	R514	4D	R896	3E	C360	6C	C863	3D
Q764	3F	R213	3C	R348	7D	R515	5C	R897	3E	C362	7E	C864	3E
Q765	3F	R214	3C	R349	7D	R516	5D	R898	3E	C363	7E	C865	4D
Q766	2F	R215	2C	R350	7D	R517	5C	R900	3E	C364	7E	C866	4E
Q767	2F	R216	2C	R351	7D	R518	5D	R901	5F	C365	7D	C867	3D
Q768	8D	R217	4C	R352	7D	R519	5C	R902	4F	C371	7C	C868	4D
D203	7B	R218	3C	R353	7D	R520	5D	R906	3D	C372	7C	C869	4D
D204	7B	R219	3C	R354	7D	R521	5C	R907	2F	C401	4E	C871	3D
D206	2C	R220	2B	R355	7D	R522	5D	C101	4B	C402	5E	C872	4D
D301	7E	R223	5F	R356	7D	R525	5D	C102	4B	C403	5F	C873	4E
D302	7E	R224	5F	R357	7D	R526	5D	C103	3B	C404	5F	C874	4E
D304	7C	R225	5C	R358	7D	R527	5D	C104	3B	C501	4C	C877	4E
D305	7C	R229	3C	R359	8E	R528	5E	C121	1B	C502	4D	C878	4E
D306	6E	R230	3C	R360	7E	R529	5E	C201	4C	C503	4C	C879	4D
D761	8B	R231	4C	R361	8E	R530	5D	C202	5C	C504	4D	C880	4D
D762	3F	R232	6C	R362	7E	R531	3C	C203	4C	C505	4D	C881	4E
D763	3F	R233	6C	R363	8E	R532	3D	C204	4C	C506	4C	C883	4D
D764	3F	R261	5B	R364	8E	R533	3D	C205	3C	C507	4D	C884	4D
D765	2F	R262	5B	R383	8E	R534	3D	C206	3B	C508	4D	C886	4D
D766	2F	R263	5B	R400	7E	R535	3C	C207	3C	C509	5C	C887	4E
D767	2F	R264	6C	R401	4F	R536	2C	C208	3B	C510	4D	C888	4D
D770	8E	R265	5B	R402	4F	R539	5C	C209	3C	C511	4D	C891	3D
D771	8E	R266	5B	R404	8E	R540	5D	C210	3B	C512	4D	C892	3D
D772	8C	R267	5B	R405	8E	R541	6C	C211	7B	C513	5C	C894	3E
D773	6C	R268	5B	R406	4F	R542	7C	C213	3C	C514	4D	C895	3E
L101	4B	R269	5B	R407	4E	R543	4C	C214	3C	C515	5C	C896	3E
L301	7C	R270	3C	R408	7D	R544	4C	C215	3B	C516	5D	C897	4E
L302	7C	R271	6B	R416	5E	R716	7C	C216	3C	C517	5D	C898	4E
L401	4F	R272	6B	R417	5E	R761	8C	C218	4C	C518	5D	C899	4D
L801	2E	R273	7B	R418	5E	R763	7B	C255	6B	C521	3C	C907	3D
L804	3D	R274	7B	R419	4F	R764	8B	C256	6B	C522	3D	C908	3D
L806	4E	R275	5B	R420	4E	R765	8B	C261	6B	C523	3C		
L808	2F	R276	5C	R428	5E	R766	3F	C262	6C	C524	3D		

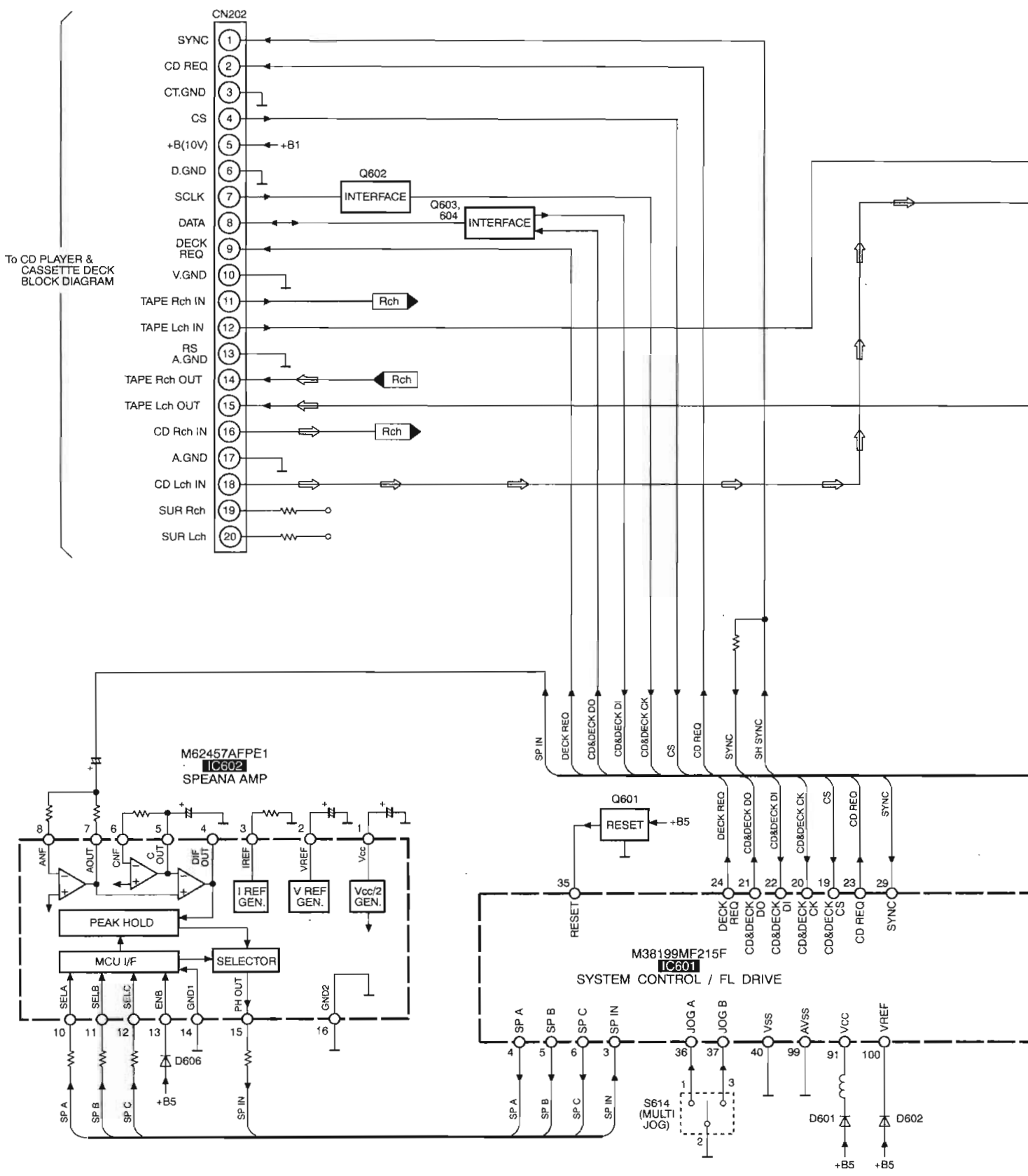
# 8 Type Illustration of ICs, Transistors and Diodes

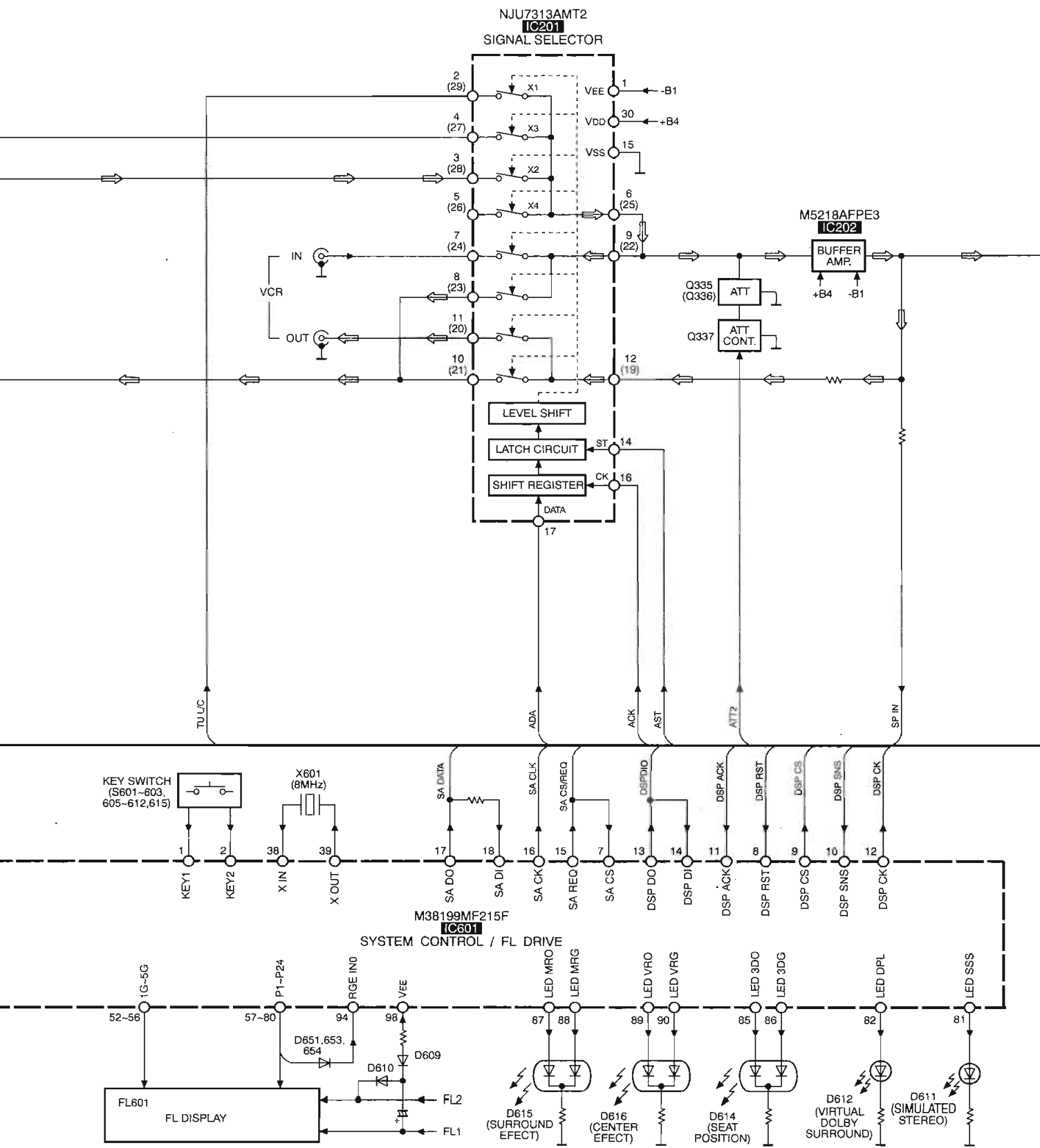
 <table border="1" data-bbox="294 173 521 255"> <tr><td>M5218AFPE3</td><td>8PIN</td></tr> <tr><td>M62457AFPE1</td><td>16PIN</td></tr> <tr><td>NJU7313AMT2</td><td>30PIN</td></tr> </table>		M5218AFPE3	8PIN	M62457AFPE1	16PIN	NJU7313AMT2	30PIN	<p>M5218AP</p> 	<p>M38199MF215F TC9496F-013A</p> 	<p>M38037M8108F</p> 	<p>2SB1417PQTA 2SD2137PQTA</p> 
M5218AFPE3	8PIN										
M62457AFPE1	16PIN										
NJU7313AMT2	30PIN										
<p>2SC3311ATA UN4211TA UN411FTA</p> 	<p>2SD2144STA</p> 	<p>2SB621ARSTA 2SD592AQRSTA</p> 	<p>2SC3940AQSTA</p> 	<p>RL1N4003N02</p> 	<p>1SS291TA</p> 						
 <p>MA4051LTA MA4062HTA MA4082LTA MA4051MTA</p>	<p>MA165TA</p> 	<p>MA719TA</p> 	<p>LNJ301MPUJAD</p> 	<p>SML79455C</p> 							

# 9 Wiring Connection Diagram

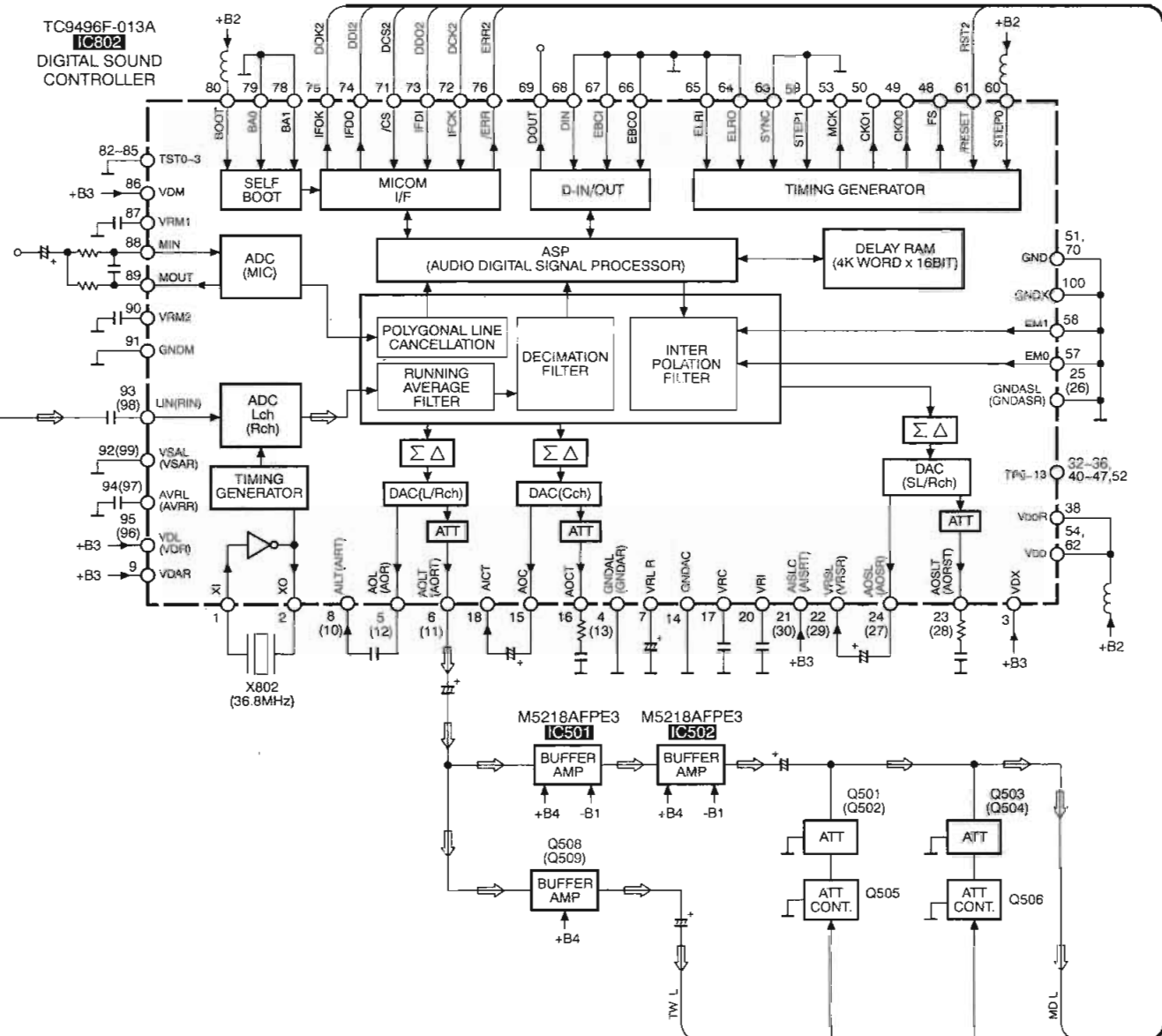


# 10 Block Diagram





TC9496F-013A  
IC802  
DIGITAL SOUND  
CONTROLLER



M5218AFPE3 M5218AFPE3

IC501 IC502

BUFFER AMP BUFFER AMP

+B4 -B1 +B4 -B1

Q508 (Q509) Q501 (Q502) Q503 (Q504)

BUFFER AMP ATT ATT

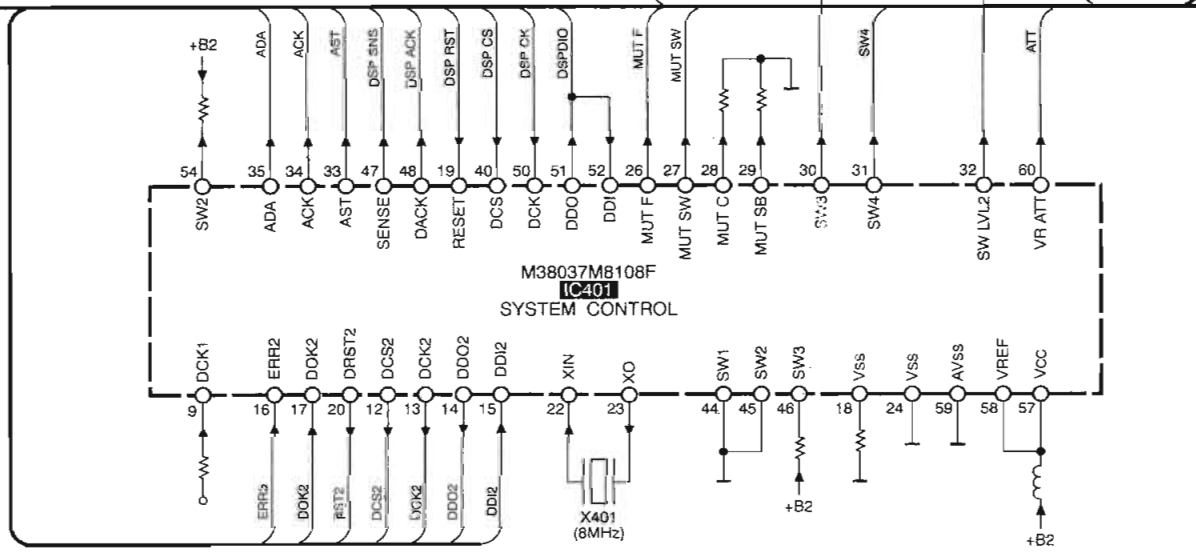
+B4 ATT CONT. ATT CONT.

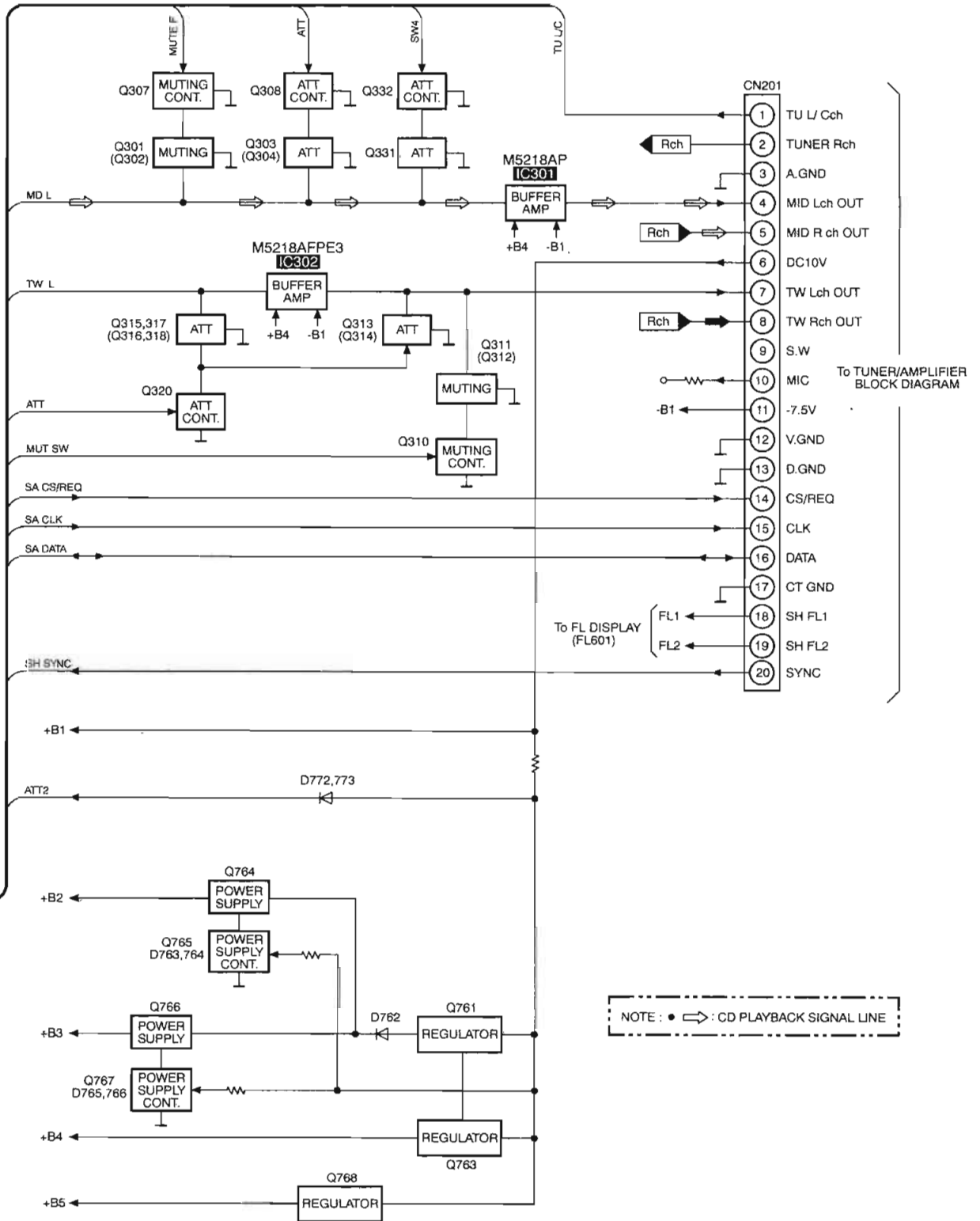
Q505 Q506

TW L MD L

M38037M8108F  
IC401

SYSTEM CONTROL





# 11 Terminal Function of ICs

## 11.1. IC601 (M38199MF215F): System Control/FL Drive

Pin No.	Terminal Name	I/O	Function
1	KEY1	I	Operation key signal input
2	KEY2	I	Operation key signal input
3	SP IN	I	A/D signal input from IC602
4	SP A	O	Band select signal output for IC602
5	SP B	O	Band select signal output for IC602
6	SP C	O	Band select signal output for IC602
7	SA CS	I	Chip select signal input
8	DSP RST	O	Reset signal output for IC401
9	DSP CS	O	Chip select signal output for IC401
10	DSP SNS	I	Sense signal input from IC401
11	DSP ACK	I	Acknowledge signal input from IC401
12	DSP CK	O	Clock signal output for IC401
13	DSP DO	O	Data signal output for IC401
14	DSP DI	I	Data signal input from IC401
15	SA REQ	O	Request signal output for Tuner/Amplifier
16	SA CK	O	Serial communication signal to Tuner/Amplifier (Clock signal output)
17	SA DO	O	Serial communication signal to Tuner/Amplifier (Data signal output)
18	SA DI	I	Serial communication signal to Tuner/Amplifier (Data signal input)
19	CD&DECK CS	I	Chip select signal input (CD and Deck mechanism)
20	CD&DECK CK	I	Clock signal input (CD and Deck mechanism)
21	CD&DECK DO	O	Data signal output (CD and Deck mechanism)
22	CD&DECK DI	I	Data signal input (CD and Deck mechanism)
23	CD REQ	O	Serial data request signal output for CD
24	DECK REQ	O	Serial data request signal output for Deck mechanism
25   28	NC	-	Not used, open
29	SYNC	I	Power failure detect signal input
30	BR93 CS	O	Chip select signal output for EEPROM
31	BR93 CK	O	Clock signal output for EEPROM
32	BR93 DATA	I	Data signal input from EEPROM
33 34	NC	-	Not used, open
35	RESET	I	System reset signal input
36	JOG A	I	JOG A signal input
37	JOG B	I	JOG B signal input
38	X IN	I	Ceramic oscillator connected (f=8 MHz)
39	X OUT	O	
40	V <sub>SS</sub>	-	GND terminal
41   45	NC	-	Not used, open
46   56	11G   1G	O	Grid signal output
57   80	P24   P1	O	Segment signal output
81	LED SSS	O	LED (SIMULATED STEREO) signal output
82	LED DPL	O	LED (VIRTUAL DOLBY SURROUND) signal output
83	LED SPO	-	Not used, open
84	LED SPG	-	

Pin No.	Terminal Name	I/O	Function
85	LED 3DO	O	ORANGE LED (SEAT POSITION) signal output
86	LED 3DG	O	GREEN LED (SEAT POSITION) signal output
87	LED MRO	O	ORANGE LED (SURROUND EFFECT) signal output
88	LED MRG	O	GREEN LED (SURROUND EFFECT) signal output
89	LED VRO	O	ORANGE LED (CENTER EFFECT) signal output
90	LED VRG	O	GREEN LED (CENTER EFFECT) signal output
91	V <sub>CC</sub>	I	Power supply terminal
92	LED CFO	-	Not used, open
93	LED CFG	-	
94	REG IN0	I	Destination select signal input
95	REG IN1	I	
96 97	NC	-	Not used, connected to GND via resistor
98	V <sub>EE</sub>	I	Power supply terminal
99	AV <sub>SS</sub>	-	GND terminal
100	VREF	I	Reference voltage input

# 12 Replacement Parts List

## Notes:

- Important safety notice:

Components identified by  $\Delta$  mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacture's specified parts shown in the parts list.

- The marking [RTL] indicates that Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
- All parts are supplied by MESA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	RKMD400-1S	TOP CABINET	1	
2	RHD30007-S	SCREW	4	
3	XTB3+8JFZ	SCREW	9	
4	RKA0105-K	RUBBER	4	
5	RKA0106-N	FOOT RING	4	
6	RYP0947A-S	FRONT PANEL	1	
6-1	RGB0025-A	TECHNICS BADGE	1	
6-2	RKW0576A-1V	FL WINDOW	1	
6-3	RGK1128-S	RING ORNAMENT	1	
6-4	RGU1761-S	BUTTON, CONTROL	1	
6-5	RGU1762-S	BUTTON, CENTER	1	
7	RMQ0952	RUBBER	1	
C101-04	ECBT1H101KB5	50V 100P	4	
C121	ECBT1H102KB5	50V 1000P	1	
C201	ECBT1H104KB5	50V 0.1U	1	
C202-04	ECBT1H470J5	50V 47P	3	
C205,06	ECBA1H681KB5	50V 680P	2	
C207,08	ECBT1H330J5	50V 33P	2	
C209,10	ECBT1H331KB5	50V 330P	2	
C211	ECBT1C105ZF5	16V 1U	1	
C213,14	RCE1HKA4R7BG	50V 4.7U	2	
C215,16	ECBT1C103MS5	16V 0.01U	2	
C218	ECBT1H104KB5	50V 0.1U	1	
C255,56	ECBT1H101KB5	50V 100P	2	
C261-66	ECBT1H101KB5	50V 100P	6	
C268-70	ECBT1H101KB5	50V 100P	3	
C275,76	ECA1CAK100XB	16V 10U	2	
C293	RCE1HKA3R3BG	50V 3.3U	1	
C294	ECA1CAK220XB	16V 22U	1	
C302-04	ECA1CAK220XB	16V 22U	3	
C305,06	RCE1HKA4R7BG	50V 4.7U	2	
C307,08	ECBT1H101KB5	50V 100P	2	
C309,10	ECBT1H120JC5	50V 12P	2	
C315,16	ECBT1H101KB5	50V 100P	2	
C317,18	ECBT1H391KB5	50V 390P	2	
C319,20	ECBT1C103MS5	16V 0.01U	2	
C323,24	ECA1CAK220XB	16V 22U	2	
C325,26	RCE1CKA470BG	16V 47U	2	
C327,28	RCE1HKA3R3BG	50V 3.3U	2	
C337	ECBT1H333KB5	50V 0.033U	1	
C352	RCE1CKA470BG	16V 47U	1	
C354	RCE1CKA470BG	16V 47U	1	
C355	ECBT1C103MS5	16V 0.01U	1	
C358	ECBT1C103MS5	16V 0.01U	1	
C359,60	RCE1HKA4R7BG	50V 4.7U	2	
C362	RCE1CKA470BG	16V 47U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C363	ECA1CAK100XB	16V 10U	1	
C364	RCE1CKA470BG	16V 47U	1	
C365	ECA1CAK100XB	16V 10U	1	
C371,72	ECA1CAK100XB	16V 10U	2	
C401	ECUV1E223KBN	25V 0.022U	1	
C402	ECUV1H103KBN	50V 0.01U	1	
C403	ECUVNA105KBN	10V 1U	1	
C404	ECA0JAK470XB	6.3V 47U	1	
C501-04	ECBT1H563KB5	50V 0.056U	4	
C505,06	ECBT1C103MS5	16V 0.01U	2	
C507-10	ECBT1H563KB5	50V 0.056U	4	
C511,12	ECBT1C562KR5	16V 5600P	2	
C513,14	ECBT1C103MS5	16V 0.01U	2	
C515,16	ECA1CAK220XB	16V 22U	2	
C517,18	RCE1HKA3R3BG	50V 3.3U	2	
C521,22	ECBT1H473KB5	50V 0.047U	2	
C523,24	ECBT1H104KB5	50V 0.1U	2	
C525,26	ECBT1H220JC5	50V 22P	2	
C527,28	ECA1HAK010XI	50V 1U	2	
C529	ECA1CAK101XB	16V 100U	1	
C601	ECBT1H104KB5	50V 0.1U	1	
C602	ECA0JML02	6.3V 1000U	1	
C603,04	ECBT1H102KB5	50V 1000P	2	
C605	ECA1VAK330XB	35V 33U	1	
C606,07	ECBT1H471KB5	50V 470P	2	
C608	ECBT1H221KB5	50V 220P	1	
C609,10	ECBT1C103MS5	16V 0.01U	2	
C611-13	ECEA1HKS3R3	50V 3.3U	3	
C614	ECA1CAK100XB	16V 10U	1	
C615	ECA1VAK330XB	35V 33U	1	
C616	ECEA1VKS330Q	35V 33U	1	
C618,19	ECBT1C103MS5	16V 0.01U	2	
C620,21	ECA1HAKOR1XB	50V 0.1U	2	
C622	ECBT1H104KB5	50V 0.1U	1	
C623	ECA1HAKOR1XB	50V 0.1U	1	
C624	ECBT1C103MS5	16V 0.01U	1	
C625	ECA0JAK101XB	6.3V 100U	1	
C626	ECBT1H473KB5	50V 0.047U	1	
C627,28	ECEA1HKS3R3	50V 3.3U	2	
C753,54	ECBT1C103MS5	16V 0.01U	2	
C761-63	ECBT1C103MS5	16V 0.01U	3	
C764	ECA1AAK221XH	10V 220U	1	
C765	ECBT1C103MS5	16V 0.01U	1	
C766	ECA1CAK100XB	16V 10U	1	
C767	ECBT1C103MS5	16V 0.01U	1	
C768	ECA1CAK100XB	16V 10U	1	
C769	ECBT1C103MS5	16V 0.01U	1	
C770	ECA1CAK100XB	16V 10U	1	
C771,72	ECBT1C103MS5	16V 0.01U	2	
C773	ECA1AAK221XH	10V 220U	1	
C774	ECA1CAM221XB	16V 220U	1	
C820	ECUV1H103KBN	50V 0.01U	1	
C844	ECUVNA105KBN	10V 1U	1	
C846	ECUVNA105KBN	10V 1U	1	
C849	EEAFC0J101B	6.3V 100U	1	
C850	ECUVNA105KBN	10V 1U	1	
C851,52	ECUV1H222KBN	50V 2200P	2	
C853,54	ECA1CAK100XB	16V 10U	2	
C855,56	RCE1HKA4R7BG	50V 4.7U	2	
C857,58	ECUVNE104KBN	25V 0.1U	2	
C859	RCE1HKA4R7BG	50V 4.7U	1	
C860	ECUV1H222KBN	50V 2200P	1	
C861	ECUV1H561KBN	50V 560P	1	
C862	ECUV1H471KBN	50V 470P	1	
C863,64	ECA0JAK470XB	6.3V 47U	2	
C865	ECUVNA105KBN	10V 1U	1	
C866-68	ECA1HAK010XI	50V 1U	3	
C869	ECUV1H103KBN	50V 0.01U	1	
C871,72	ECUV1H222KBN	50V 2200P	2	
C873,74	ECA1HAK010XI	50V 1U	2	
C877,78	ECUV1H103KBN	50V 0.01U	2	



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C879, 80	ECUV1H222KBN	50V 2200P	2	
C881	ECA1BAK010XI	50V 1U	1	
C883	ECA0JAK470XH	6.3V 47U	1	
C884	ECUV1H222KBN	50V 2200P	1	
C886	EEAFC0J101B	6.3V 100U	1	
C887, 88	ECA0JAK470XH	6.3V 47U	2	
C891	ECUV1H103KBN	50V 0.01U	1	
C892	ECA0JAK470XH	6.3V 47U	1	
C894-97	ECUV1E223KBN	25V 0.022U	4	
C898	EEAFC0J101B	6.3V 100U	1	
C899	ECA0JAK470XH	6.3V 47U	1	
C907	ECUV1H050DCN	50V 5P	1	
C908	ECUV1H120JCN	50V 12P	1	
CN201	RJT065A20	CONNECTOR (20P)	1	
CN202	RJT065K20	SYSTEM CONNECTOR (20P)	1	
D203	MA165	DIODE	1	
D204	MA719TA	DIODE	1	
D206	MA165	DIODE	1	
D301, 02	MA165	DIODE	2	
D304, 05	MA719TA	DIODE	2	
D306	MA165	DIODE	1	
D601-04	1SS291TA	DIODE	4	
D605-10	MA165	DIODE	6	△
D611, 12	LNJ301MPUJAD	LED	2	
D614-16	SML79455C	LED	3	
D651	MA165	DIODE	1	
D653, 54	MA165	DIODE	2	
D761	MA4082LTA	DIODE	1	△
D762	RL1N4003N02	DIODE	1	
D763-66	MA165	DIODE	4	
D767	MA4051M	DIODE	1	
D770	MA4062B	DIODE	1	△
D771	MA4051-L	DIODE	1	
D772, 73	MA165	DIODE	2	
FL601	RSL0301-F	FL	1	
IC201	NJU7313AMT2	IC	1	
IC202	M5218AFPE3	IC	1	
IC301	M5218AF	IC	1	
IC302	M5218AFPE3	IC	1	
IC401	M38037M8108F	IC	1	
IC501, 02	M5218AFPE3	IC	2	
IC601	M38199MF215F	IC	1	
IC602	M62457AFPE1	IC	1	
IC802	TC9496F-013	IC	1	
JKI02	SJF3069-5N	EXT OUT/IN	1	
L101	BL02RN2R65T2	COIL	1	
L301, 02	RLQA3R3JT1-Y	COIL	2	
L401	RLQB100JTD-D	COIL	1	
L601	RLQA100JT1-Y	COIL	1	
L801	RLBN102V-Y	COIL	1	
L804	RLBN102V-Y	COIL	1	
L806	RLBN102V-Y	COIL	1	
L808	RLQB100JTD-D	INDUCTOR	1	
L809	RLBN102V-Y	COIL	1	
L810	RLQB100JTD-D	INDUCTOR	1	
L811	RLBN102V-Y	COIL	1	
L812, 13	RL500050T-Y	COIL	2	
PCB1	REP2963C-M	PCB ASS'Y	1	[RTL]
Q301-06	2SC3327A	TRANSISTOR	6	
Q307, 08	UN411FTA	TRANSISTOR	2	
Q310	UN411FTA	TRANSISTOR	1	
Q311, 12	2SC3311ATA	TRANSISTOR	2	
Q313-16	2SC3327A	TRANSISTOR	4	
Q317, 18	2SC3327A	TRANSISTOR	2	
Q320	UN411FTA	TRANSISTOR	1	
Q331	2SC3327A	TRANSISTOR	1	

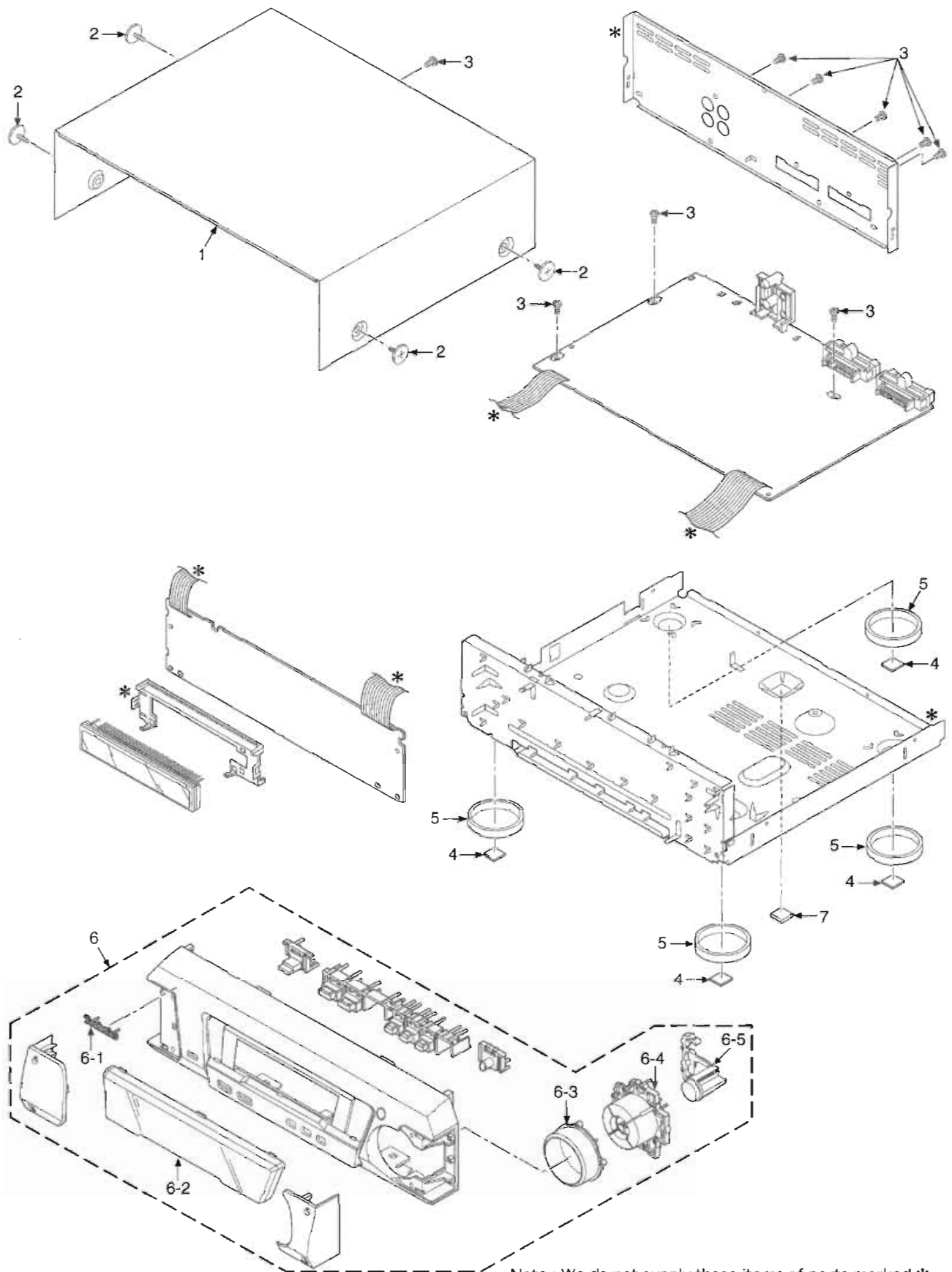
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q332	UN411FTA	TRANSISTOR	1	
Q335, 36	2SC3327A	TRANSISTOR	2	
Q337	UN411FTA	TRANSISTOR	1	
Q501-04	2SC3327A	TRANSISTOR	4	
Q505, 06	UN411FTA	TRANSISTOR	2	
Q508, 09	2SC3311ATA	TRANSISTOR	2	
Q601	UN4211	TRANSISTOR	1	
Q602-04	2SC3311ATA	TRANSISTOR	3	
Q761	2SD2137PQTA	TRANSISTOR	1	△
Q763	2SD592AR	TRANSISTOR	1	△
Q764	2SB1417PQTA	TRANSISTOR	1	
Q765	2SC3311ATA	TRANSISTOR	1	
Q766	2SB621A-R	TRANSISTOR	1	
Q767	2SC3311ATA	TRANSISTOR	1	
Q768	2SC3940AQSTA	TRANSISTOR	1	△
R101, 02	ERDS2FJ104	1/4W 100K	2	
R103, 04	ERDS2FJ102	1/4W 1K	2	
R105, 06	ERDS2FJ123	1/4W 12K	2	
R107, 08	ERDS2FJ332	1/4W 3.3K	2	
R131, 32	ERDS2FJ222	1/4W 2.2K	2	
R154, 55	ERDS2FJ182	1/4W 1.8K	2	
R156, 57	ERDS2FJ563	1/4W 56K	2	
R158, 59	ERDS2FJ102	1/4W 1K	2	
R201, 02	ERDS2FJ102	1/4W 1K	2	
R203	ERD16TJ000T	1/4W 0	1	
R207, 08	ERDS2FJ563	1/4W 56K	2	
R209, 10	ERDS2FJ273	1/4W 27K	2	
R211, 12	ERDS2FJ563	1/4W 56K	2	
R213, 14	ERDS2FJ224	1/4W 220K	2	
R215, 16	ERDS2FJ472	1/4W 4.7K	2	
R217, 18	ERDS2FJ221	1/4W 220	2	
R219, 20	ERDS2FJ222	1/4W 2.2K	2	
R223-25	ERDS2FJ472	1/4W 4.7K	3	
R229	ERD16TJ000T	1/4W 0	1	
R230, 31	ERDS2FJ102	1/4W 1K	2	
R232	ERDS2FJ223	1/4W 22K	1	
R233	ERDS2FJ122	1/4W 1.2K	1	
R261, 62	ERDS2FJ102	1/4W 1K	2	
R263, 64	ERDS2FJ682	1/4W 6.8K	2	
R265, 66	ERDS2FJ103	1/4W 10K	2	
R267, 68	ERDS2FJ102	1/4W 1K	2	
R269, 70	ERDS2FJ822	1/4W 8.2K	2	
R271, 72	ERDS2FJ562	1/4W 5.6K	2	
R273, 74	ERDS2FJ221	1/4W 220	2	
R275, 76	ERDS2FJ223	1/4W 22K	2	
R277	ERDS2FJ102	1/4W 1K	1	
R278	ERDS2FJ473	1/4W 47K	1	
R301, 02	ERDS2FJ222	1/4W 2.2K	2	
R303, 04	ERDS2FJ223	1/4W 22K	2	
R305, 06	ERDS2FJ102	1/4W 1K	2	
R307, 08	ERDS2FJ821	1/4W 820	2	
R309, 10	ERDS2FJ102	1/4W 1K	2	
R311, 12	ERDS2FJ682	1/4W 6.8K	2	
R313, 14	ERDS2FJ223	1/4W 22K	2	
R319, 20	ERDS2FJ394	1/4W 390K	2	
R321	ERDS2FJ182	1/4W 1.8K	1	
R322	ERDS2FJ223	1/4W 22K	1	
R323	ERDS2FJ154	1/4W 150K	1	
R327	ERDS2FJ472	1/4W 4.7K	1	
R328, 29	ERDS2FJ124	1/4W 120K	2	
R330	ERDS2FJ104	1/4W 100K	1	
R331	ERDS2FJ102	1/4W 1K	1	
R332	ERDS2FJ222	1/4W 2.2K	1	
R333	ERDS2FJ223	1/4W 22K	1	
R337, 38	ERDS2FJ104	1/4W 100K	2	
R339, 40	ERDS2FJ102	1/4W 1K	2	
R341, 42	ERDS2FJ391	1/4W 390	2	
R343, 44	ERDS2FJ102	1/4W 1K	2	
R345, 46	ERDS2FJ822	1/4W 8.2K	2	
R347, 48	ERDS2FJ120	1/4W 12	2	
R349, 50	ERDS2FJ102	1/4W 1K	2	
R351, 52	ERDS2FJ561	1/4W 560	2	
R353, 54	ERDS2FJ224	1/4W 220K	2	



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R355,56	ERDS2FJ222	1/4W 2.2K	2	
R357,58	ERDS2FJ682	1/4W 6.8K	2	
R359,60	ERDS2FJ103	1/4W 10K	2	
R361,62	ERDS2FJ224	1/4W 220K	2	
R363	ERDS2FJ102	1/4W 1K	1	
R364	ERDS2FJ154	1/4W 150K	1	
R383	ERDS2FJ154	1/4W 150K	1	
R400	ERD16TJ000T	1/4W 0	1	
R401	ERJ6GEYJ104V	1/10W 100K	1	
R402	ERJ6GEYJ221V	1/10W 220	1	
R404,05	ERDS2FJ102	1/4W 1K	2	
R406	ERJ6GEYJ103V	1/10W 10K	1	
R407	ERJ6GEYJ471V	1/10W 470	1	
R408	ERDS2FJ472	1/4W 4.7K	1	
R416-18	ERJ6GEYJ102V	1/10W 1K	3	
R419	ERJ6GEYJ331V	1/10W 330	1	
R420	ERJ6GEYJ102V	1/10W 1K	1	
R428,29	ERJ6GEYJ472V	1/10W 4.7K	2	
R430	ERJ6GEYJ104V	1/10W 100K	1	
R431-34	ERJ6GEYJ221V	1/10W 220	4	
R439	ERJ6GEYJ104V	1/10W 100K	1	
R440	ERJ6GEYJ102V	1/10W 1K	1	
R441-45	ERJ6GEYJ103V	1/10W 10K	5	
R447,48	ERJ6GEYJ102V	1/10W 1K	2	
R451-53	ERJ6GEYJ102V	1/10W 1K	3	
R454,55	ERJ6GEYJ103V	1/10W 10K	2	
R456	ERJ6GEYJ102V	1/10W 1K	1	
R459	ERJ6GEYOR00V	1/10W 0	1	
R461	ERJ6GEYJ221V	1/10W 220	1	
R462	ERJ6GEYOR00V	1/10W 0	1	
R466	ERDS2FJ101	1/4W 100	1	
R501,02	ERDS2FJ102	1/4W 1K	2	
R503,04	ERDS2FJ104	1/4W 100K	2	
R505,06	ERDS2FJ184	1/4W 180K	2	
R507,08	ERDS2FJ183	1/4W 18K	2	
R509,10	ERDS2FJ103	1/4W 10K	2	
R511-14	ERDS2FJ104	1/4W 100K	4	
R515,16	ERDS2FJ331	1/4W 330	2	
R517,18	ERDS2FJ152	1/4W 1.5K	2	
R519,20	ERDS2FJ104	1/4W 100K	2	
R521,22	ERDS2FJ561	1/4W 560	2	
R525,26	ERDS2FJ121	1/4W 120	2	
R527	ERDS2FJ104	1/4W 100K	1	
R528,29	ERDS2FJ222	1/4W 2.2K	2	
R530	ERDS2FJ104	1/4W 100K	1	
R531,32	ERDS2FJ103	1/4W 10K	2	
R533,34	ERDS2FJ222	1/4W 2.2K	2	
R535,36	ERDS2FJ823	1/4W 82K	2	
R539,40	ERDS2FJ102	1/4W 1K	2	
R541-44	ERD16TJ000T	1/4W 0	4	
R601-03	ERDS2FJ102	1/4W 1K	3	
R604,05	ERDS2FJ103	1/4W 10K	2	
R606	ERDS2FJ102	1/4W 1K	1	
R607,08	ERDS2FJ221	1/4W 220	2	
R609	ERDS2FJ222	1/4W 2.2K	1	
R610	ERDS2FJ102	1/4W 1K	1	
R611	ERDS2FJ101	1/4W 100	1	
R612	ERDS2FJ102	1/4W 1K	1	
R613	ERDS2FJ562	1/4W 5.6K	1	
R614-17	ERDS2FJ102	1/4W 1K	4	
R618	ERDS2FJ104	1/4W 100K	1	
R619	ERDS2FJ681	1/4W 680	1	
R620,21	ERD16TJ000T	1/4W 0	2	
R622,23	ERDS2FJ104	1/4W 100K	2	
R624,25	ERDS2FJ181	1/4W 180	2	
R627-29	ERDS2FJ181	1/4W 180	3	
R631	ERDS2FJ821	1/4W 820	1	
R632	ERDS2FJ102	1/4W 1K	1	
R633	ERDS2FJ122	1/4W 1.2K	1	
R634	ERDS2FJ152	1/4W 1.5K	1	
R635	ERDS2FJ182	1/4W 1.8K	1	
R636	ERDS2FJ222	1/4W 2.2K	1	
R637	ERDS2FJ821	1/4W 820	1	
R638	ERDS2FJ102	1/4W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R639	ERDS2FJ122	1/4W 1.2K	1	
R640	ERDS2FJ152	1/4W 1.5K	1	
R641	ERDS2FJ182	1/4W 1.8K	1	
R642	ERDS2FJ222	1/4W 2.2K	1	
R643,44	ERDS2FJ102	1/4W 1K	2	
R645	ERDS2FJ101	1/4W 100	1	
R646	ERDS2FJ222	1/4W 2.2K	1	
R647	ERDS2FJ223	1/4W 22K	1	
R648-50	ERDS2FJ104	1/4W 100K	3	
R651	ERDS2FJ102	1/4W 1K	1	
R652	ERDS2FJ472	1/4W 4.7K	1	
R653	ERDS2FJ472	1/4W 4.7K	1	
R654-56	ERDS2FJ103	1/4W 10K	3	
R657	ERDS2FJ473	1/4W 47K	1	
R658,59	ERDS2FJ472	1/4W 4.7K	2	
R660	ERDS2FJ473	1/4W 47K	1	
R661	ERDS2FJ223	1/4W 22K	1	
R662	ERDS2FJ221	1/4W 220	1	
R663,64	ERDS2FJ331	1/4W 330	2	
R665,66	ERDS2FJ473	1/4W 47K	2	
R667	ERD16TJ000T	1/4W 0	1	
R668	ERDS2FJ222	1/4W 2.2K	1	
R670	ERDS2FJ104	1/4W 100K	1	
R716	ERDS2FJ821	1/4W 820	1	
R761	ERD16TJ000T	1/4W 0	1	
R763	ERQ16NKWR33E	1/6W 0.33	1	△
R764	ERDS2FJ821	1/4W 820	1	
R765	ERDS2FJ221	1/4W 220	1	
R766	ERDS2FJ182	1/4W 1.8K	1	
R767	ERDS2FJ102	1/4W 1K	1	
R768,69	ERDS2FJ122	1/4W 1.2K	2	
R770	ERD2FCJ4R7	1/4W 4.7	1	△
R771	ERDS2FJ102	1/4W 1K	1	
R772	ERDS2FJ152	1/4W 1.5K	1	
R773	ERDS2FJ102	1/4W 1K	1	
R774	ERDS2FJ221	1/4W 220	1	
R828	ERJ6GEYJ472V	1/10W 4.7K	1	
R841	ERJ6GEYOR00V	1/10W 0	1	
R851,52	ERJ6GEYJ102V	1/10W 1K	2	
R853,54	ERJ6GEYJ274V	1/10W 270K	2	
R857-59	ERJ6GEYJ103V	1/10W 10K	3	
R860	ERJ6GEYJ560V	1/10W 56	1	
R861	ERJ6GEYJ104V	1/10W 100K	1	
R863,64	ERJ6GEYJ561V	1/10W 560	2	
R867,68	ERJ6GEYJ561V	1/10W 560	2	
R871,72	ERJ6GEYJ271V	1/10W 270	2	
R873,74	ERJ6GEYJ331V	1/10W 330	2	
R876	ERJ6GEYJ271V	1/10W 270	1	
R881	ERJ6GEYJ101V	1/10W 100	1	
R882	ERJ6GEYJ105	1/10W 1M	1	
R883	ERJ6GEYJ472V	1/10W 4.7K	1	
R884,85	ERJ6GEYJ331V	1/10W 330	2	
R886	ERJ6GEYJ221V	1/10W 220	1	
R888,89	ERJ6GEYJ331V	1/10W 330	2	
R890	ERJ6GEYJ103V	1/10W 10K	1	
R895-98	ERJ6GEYOR00V	1/10W 0	4	
R900-02	ERJ6GEYOR00V	1/10W 0	3	
R906,07	ERJ6GEYOR00V	1/10W 0	2	
S601-03	EVQ11G05R	SW, PUSH	3	
S605-12	EVQ11G05R	SW, PUSH	8	
S615	EVQ11G05R	SW, EQ	1	
X401	RSXY8M00M06T	OSCILLATOR	1	
X601	RSXY8M00M06T	OSCILLATOR	1	
X802	RSXZ36M8M01T	OSCILLATOR	1	

# 13 Cabinet Parts Location



Note : We do not supply those items of parts marked \*.