[CONTENTS]

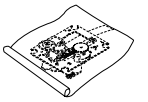
SECTION 1. GENERAL

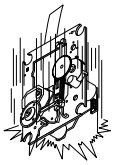
❑ SERVICING PRECAUTIONS

NOTES REGARDING HANDLING OF THE PICK-UP

1. Notes for transport and storage

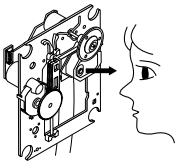
1) The pick-up should always be left in its conductive bag until immediately prior to use.
2) The pick-up should never be subjected to external pressure or impact.

Storage in conductive bag 

 Drop impact

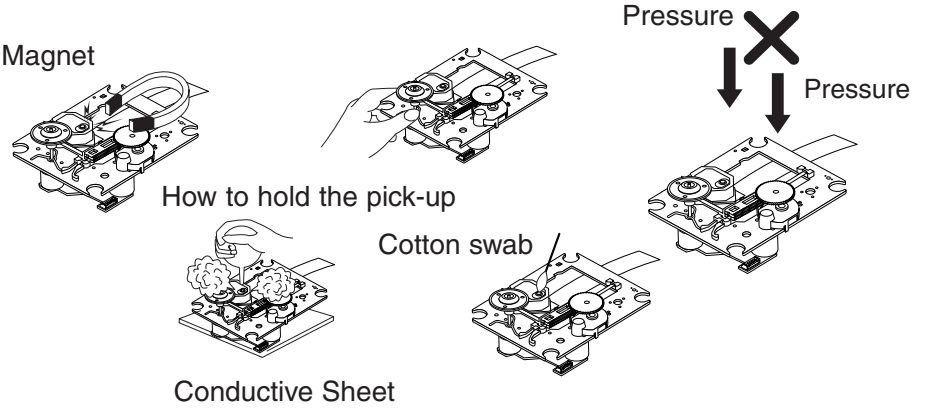
2. Repair notes

1) The pick-up incorporates a strong magnet, and so should never be brought close to magnetic materials.
2) The pick-up should always be handled correctly and carefully, taking care to avoid external pressure and impact. If it is subjected to strong pressure or impact, the result may be an operational malfunction and/or damage to the printed-circuit board.
3) Each and every pick-up is already individually adjusted to a high degree of precision, and for that reason the adjustment point and installation screws should absolutely never be touched.
4) Laser beams may damage the eyes!
   Absolutely never permit laser beams to enter the eyes!
   Also NEVER switch ON the power to the laser output part (lens, etc.) of the pick-up if it is damaged.



NEVER look directly at the laser beam, and don't let contact fingers or other exposed skin.

5) Cleaning the lens surface
   If there is dust on the lens surface, the dust should be cleaned away by using an air bush (such as used for camera lens). The lens is held by a delicate spring. When cleaning the lens surface, therefore, a cotton swab should be used, taking care not to distort this.



6) Never attempt to disassemble the pick-up.
   Spring by excess pressure. If the lens is extremely dirty, apply isopropyl alcohol to the cotton swab. (Do not use any other liquid cleaners, because they will damage the lens.) Take care not to use too much of this alcohol on the swab, and do not allow the alcohol to get inside the pick-up.

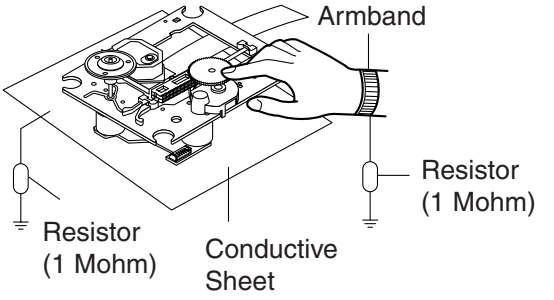
NOTES REGARDING COMPACT DISC PLAYER REPAIRS

1. Preparations

1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.
2) The pick-up is composed of many optical components and other high-precision components. Care must be taken, therefore, to avoid repair or storage where the temperature of humidity is high, where strong magnetism is present, or where there is excessive dust.

2. Notes for repair

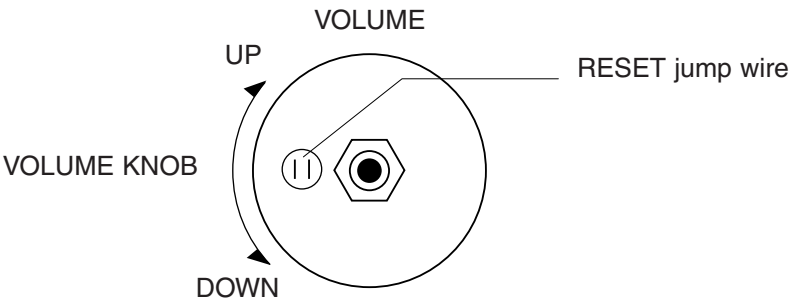
1) Before replacing a component part, first disconnect the power supply lead wire from the unit
2) All equipment, measuring instruments and tools must be grounded.
3) The workbench should be covered with a conductive sheet and grounded.
   When removing the laser pick-up from its conductive bag, do not place the pick-up on the bag. (This is because there is the possibility of damage by static electricity.)
4) To prevent AC leakage, the metal part of the soldering iron should be grounded.
5) Workers should be grounded by an armband (1M Ω)
6) Care should be taken not to permit the laser pick-up to come in contact with clothing, in order to prevent static electricity changes in the clothing to escape from the armband.
7) The laser beam from the pick-up should NEVER be directly facing the eyes or bare skin.



CLEARING MALFUNCTION

You can reset your unit to initial status if malfunction occur(button malfunction, display, etc.).
Using a pointed good conductor(such as driver), simply short the RESET jump wire on the inside of the volume knob for more than 3 seconds.
If you reset your unit, you must reenter all its settings(stations, clock, timer)

NOTE: 1. To operate the RESET jump wire, pull the volume rotary knob and release it.
2. If you wish to operate the RESET jump wire, it is necessary to unplug the power cord.



❑ ESD PRECAUTIONS

Electrostatically Sensitive Devices (ESD)

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will by installed.

CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

CAUTION. GRAPHIC SYMBOLS

	THE LIGHTNING FLASH WITH APROWHEAD SYMBOL. WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSULATED “DANGEROUS VOLTAGE” THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.
	THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION IN SERVICE LITERATURE.

SECTION 2. ELECTRICAL

❑ ADJUSTMENTS

This set has been aligned at the factory and normally will not require further adjustment. As a result, it is not recommended that any attempt is made to modificate any circuit. If any parts are replaced or if anyone tampers with the adjustment, realignment may be necessary.

IMPORTANT

1. Check Power-source voltage.
2. Set the function switch to band being aligned.
3. Turn volume control to minimum unless otherwise noted.
4. Connect low side of signal source and output indicator to chassis ground unless otherwise specified.
5. Keep the signal input as low as possible to avoid AGC and AC action.

TAPE DECK ADJUSTMENT

1. AZIMUTH ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for
Palyback	MTT-114	Speaker Out	DECK Screw Azimuth Screw	Maximum

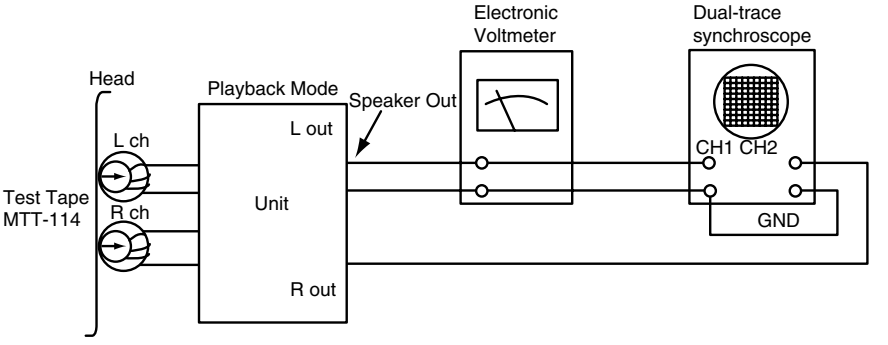
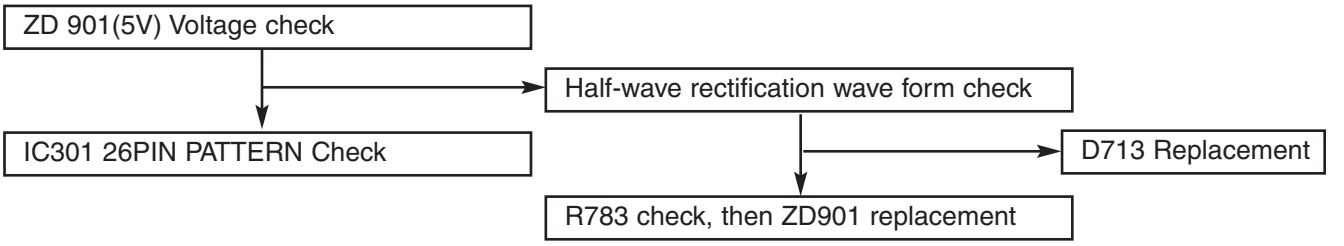


Figure 1. Azimuth Adjustment Connection Diagram

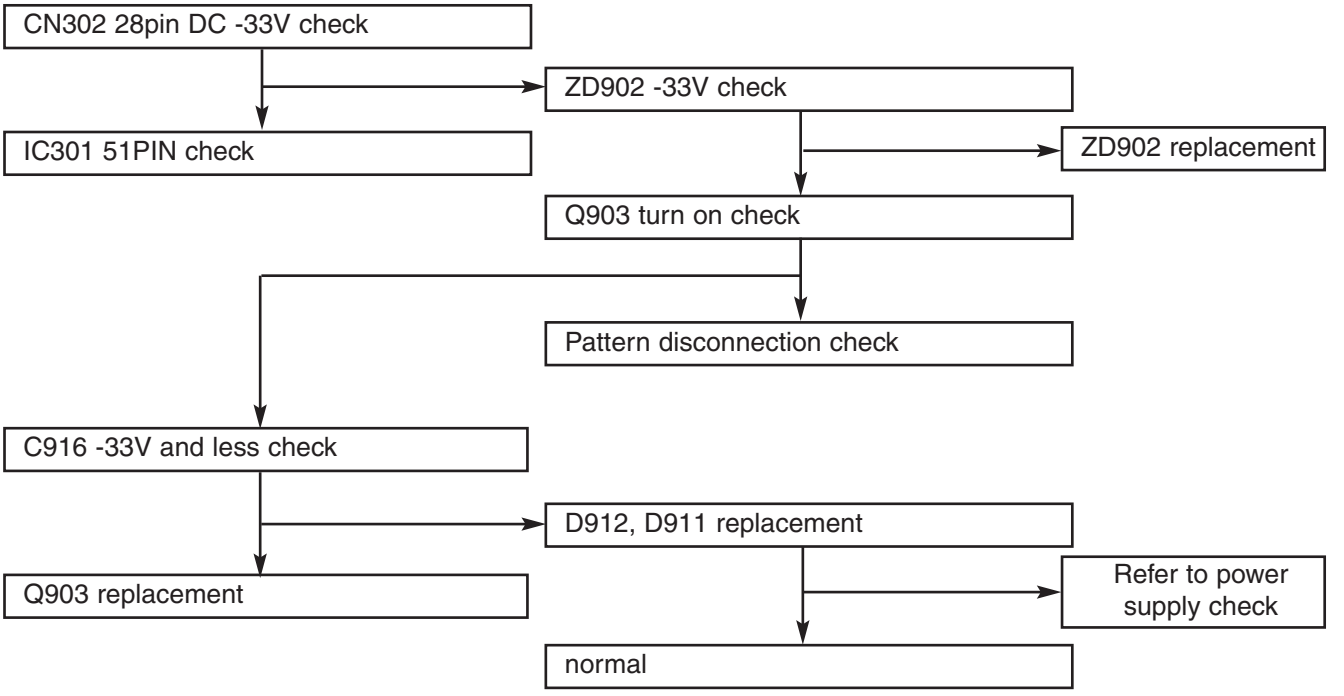
❑ ELECTRICAL TROUBLESHOOTING GUIDE

■ AUDIO PART

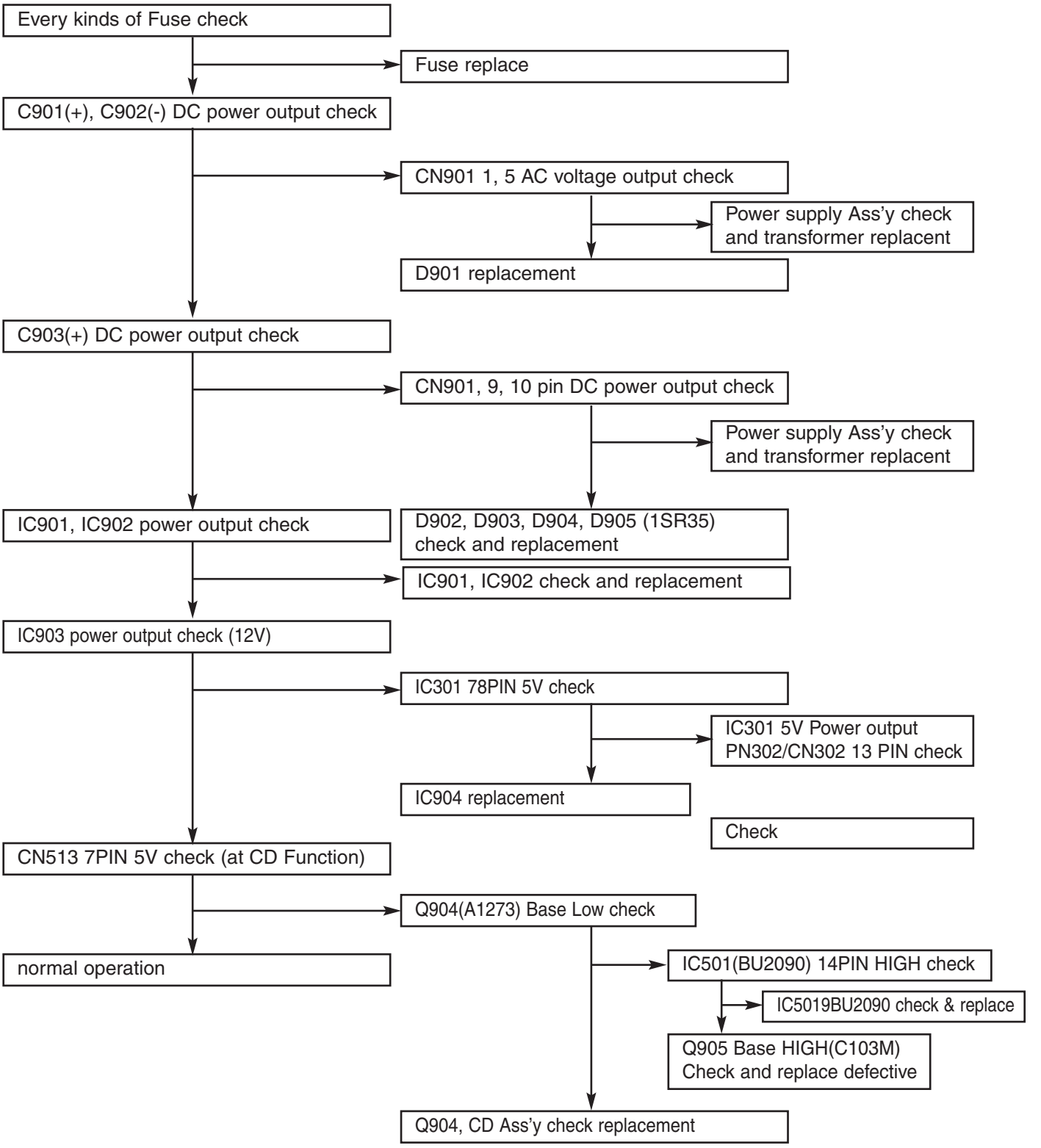
P-SENS PART CHECK



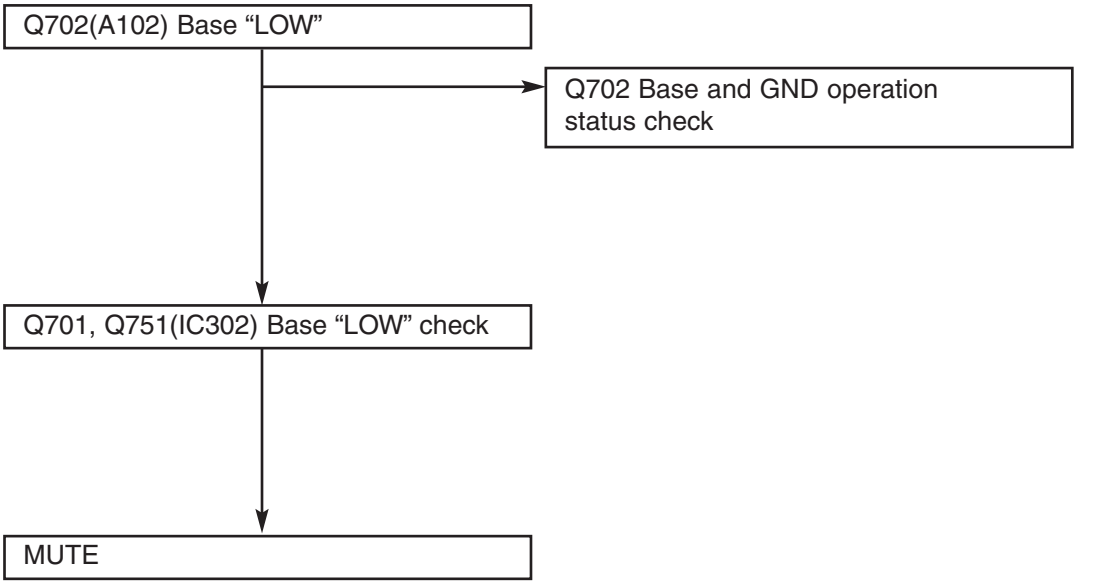
VKK CHECK



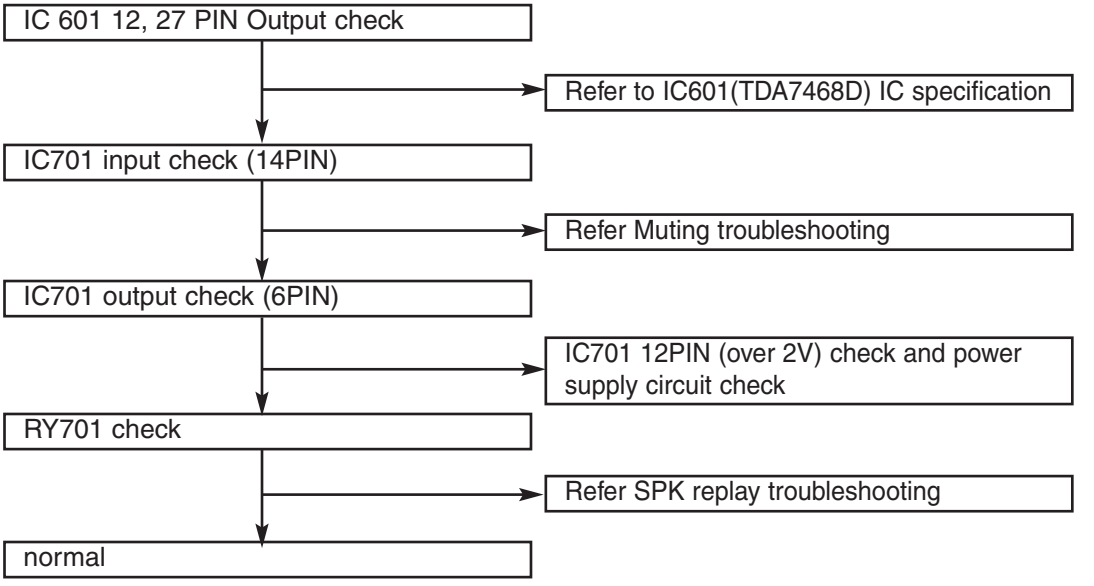
POWER CHECK


Every kinds of Fuse check
Fuse replace
C901(+), C902(-) DC power output check
CN901 1, 5 AC voltage output check
Power supply Ass'y check and transformer replacent
D901 replacement
C903(+) DC power output check
CN901, 9, 10 pin DC power output check
Power supply Ass'y check and transformer replacent
IC901, IC902 power output check
D902, D903, D904, D905 (1SR35) check and replacement
IC901, IC902 check and replacement
IC903 power output check (12V)
IC301 78PIN 5V check
IC301 5V Power output PN302/CN302 13 PIN check
IC904 replacement
Check
CN513 7PIN 5V check (at CD Function)
Q904(A1273) Base Low check
normal operation
IC501(BU2090) 14PIN HIGH check
IC5019BU2090 check & replace
Q905 Base HIGH(C103M) Check and replace defective
Q904, CD Ass'y check replacement

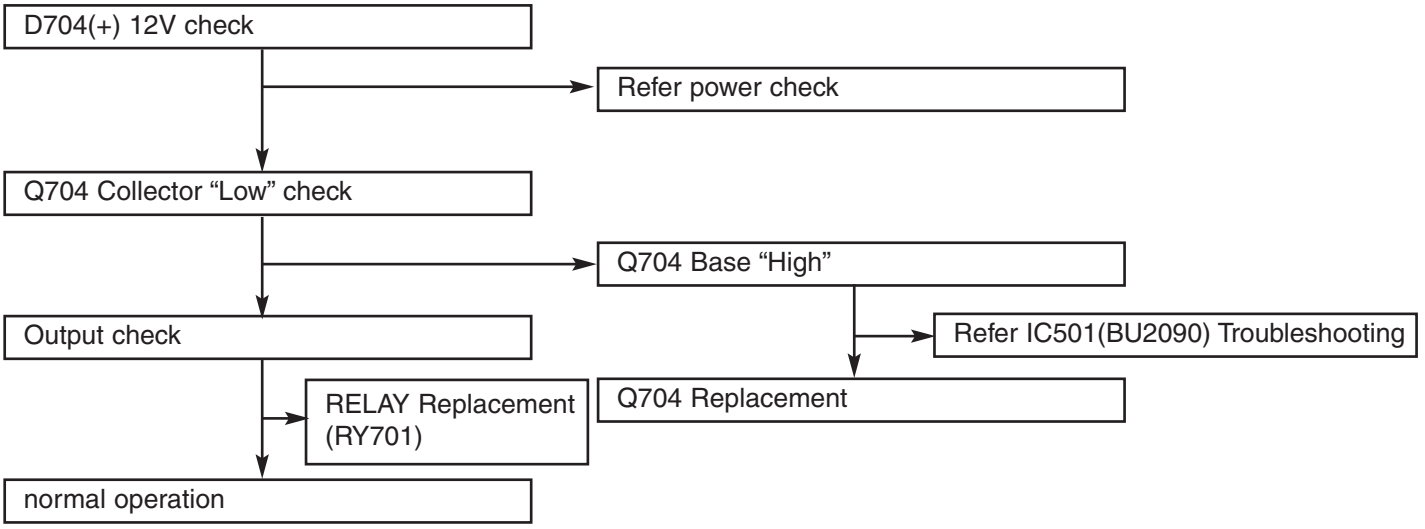
Muting circuit Troubleshooting (if MUTE)



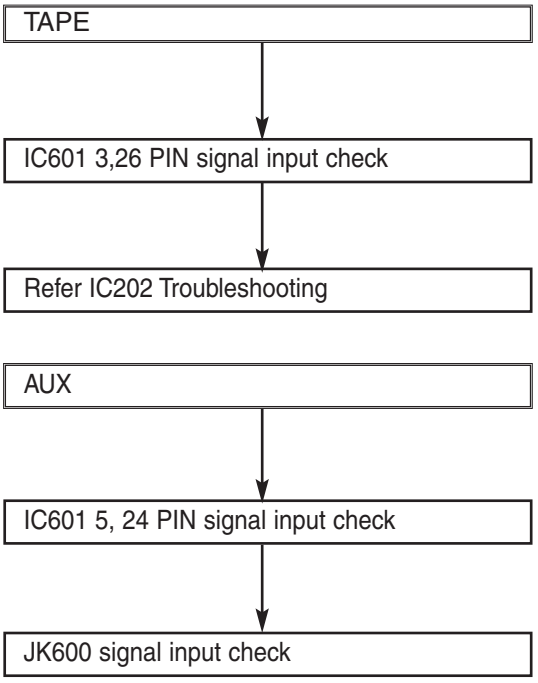
No sound

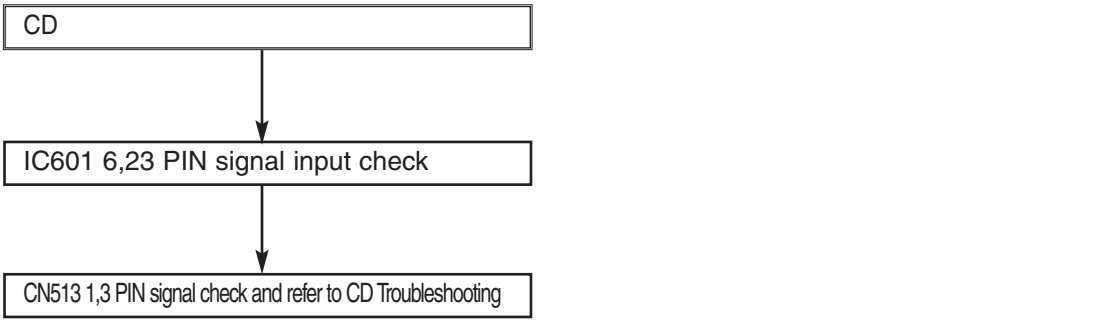


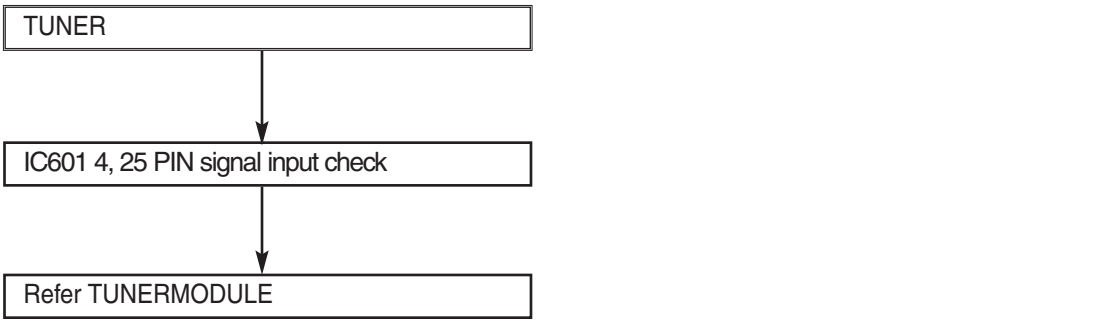
SPK Relay Troubleshooting

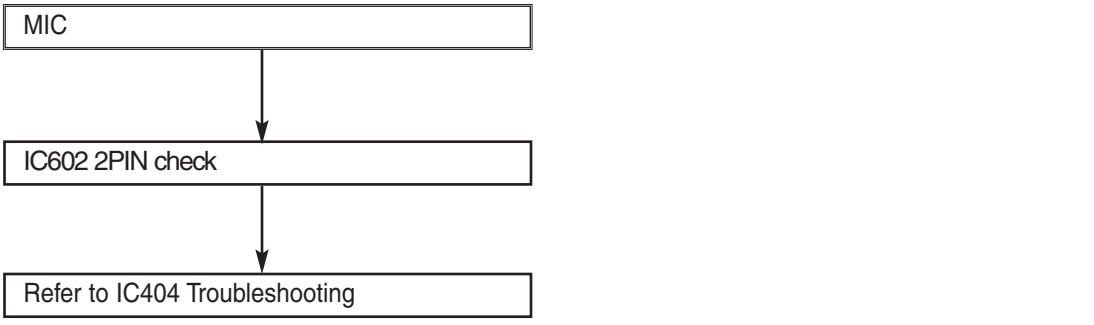


Specific FUNCTION MODE has no sound

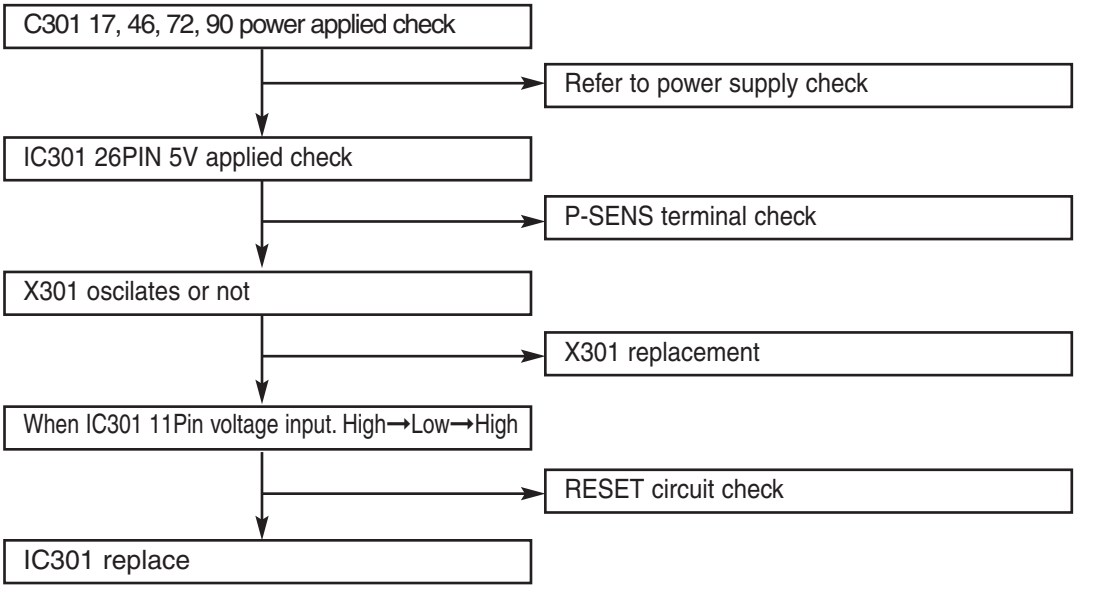




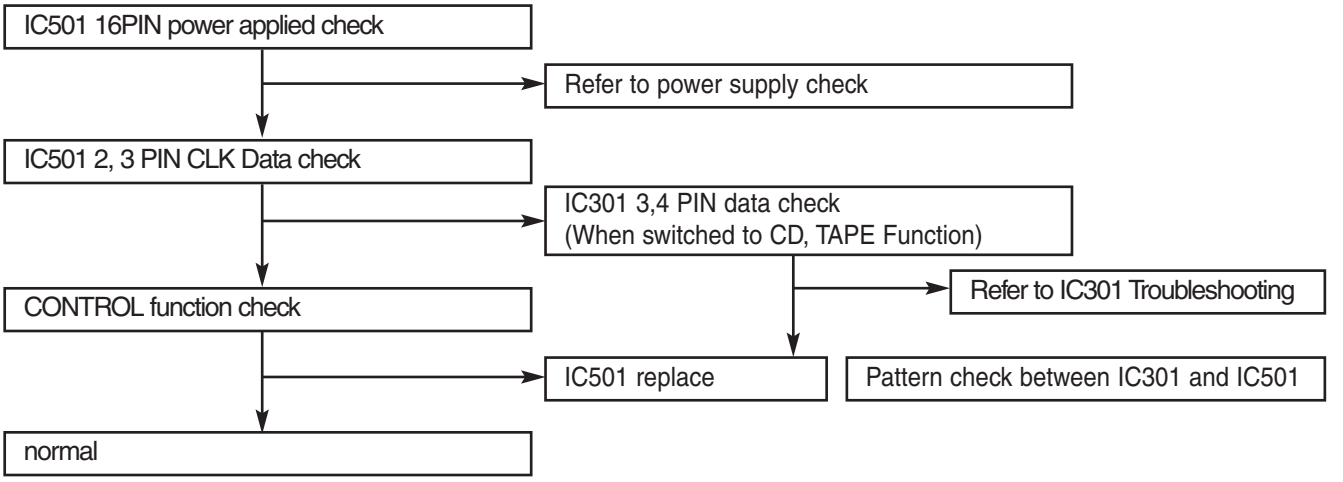




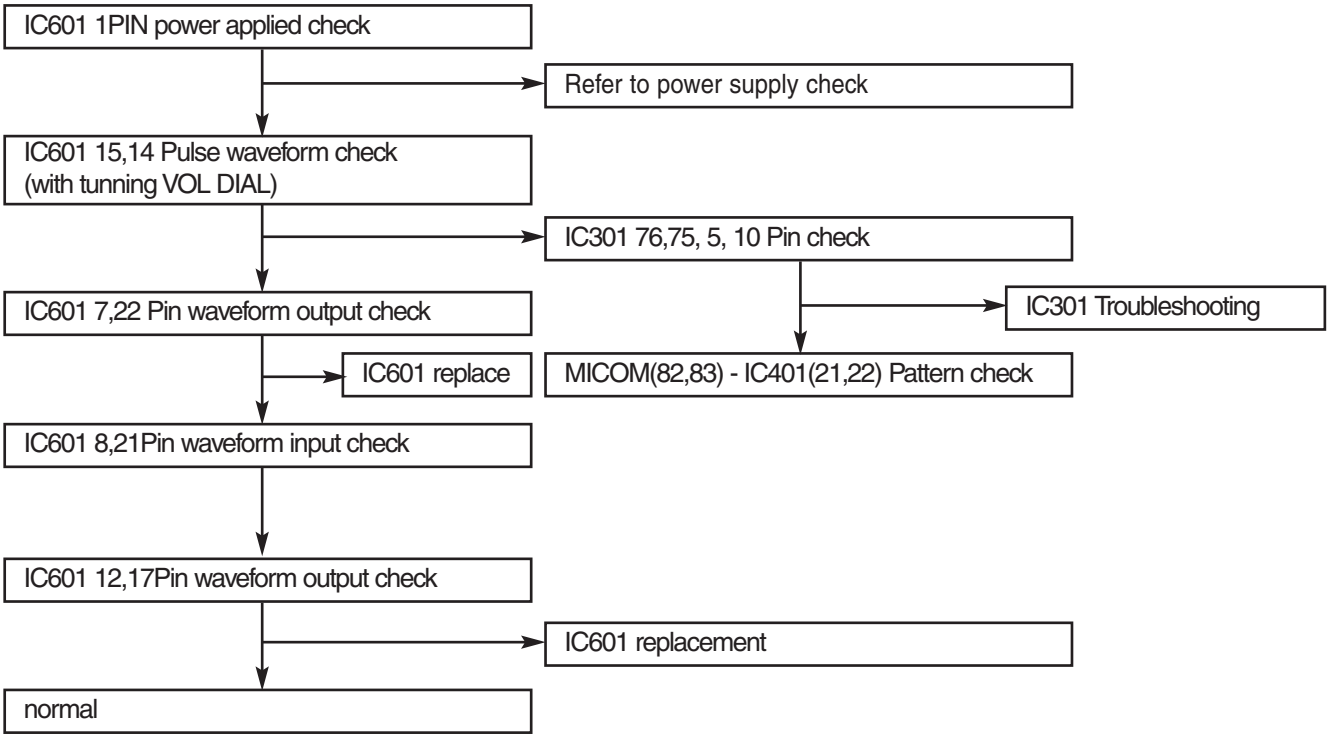
IC301 Troubleshooting



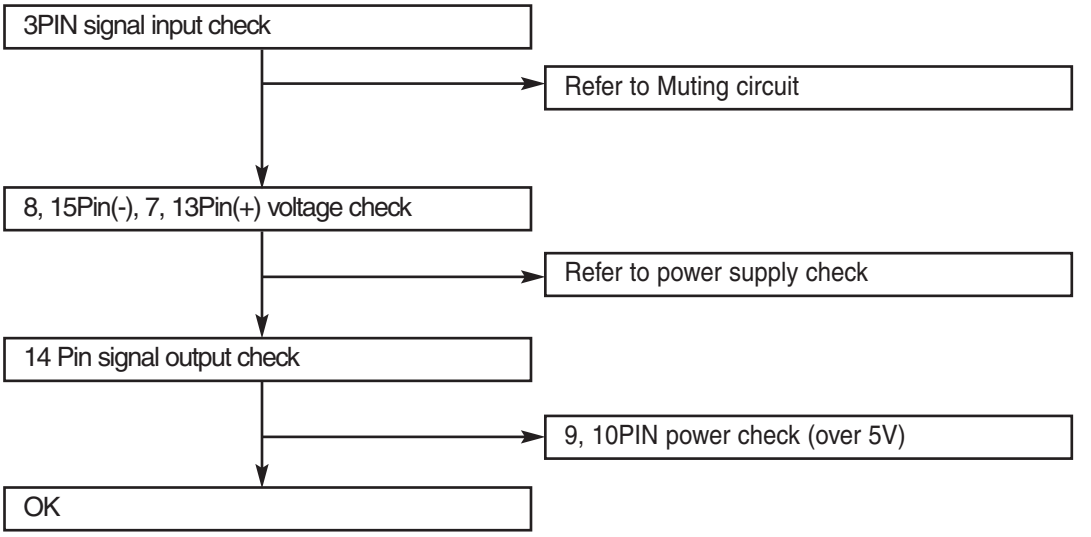
IC501 Troubleshooting



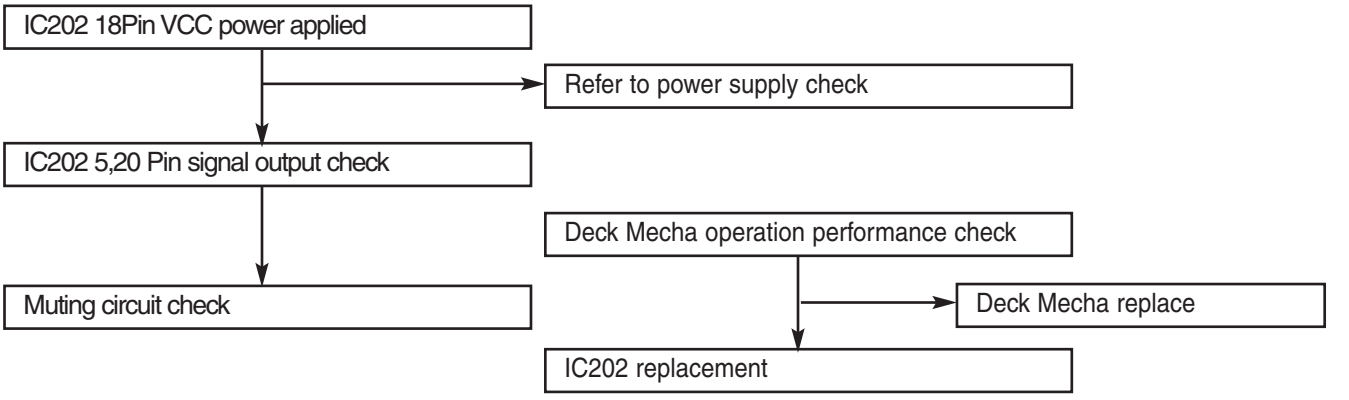
IC601(TDA7468D) Troubleshooting



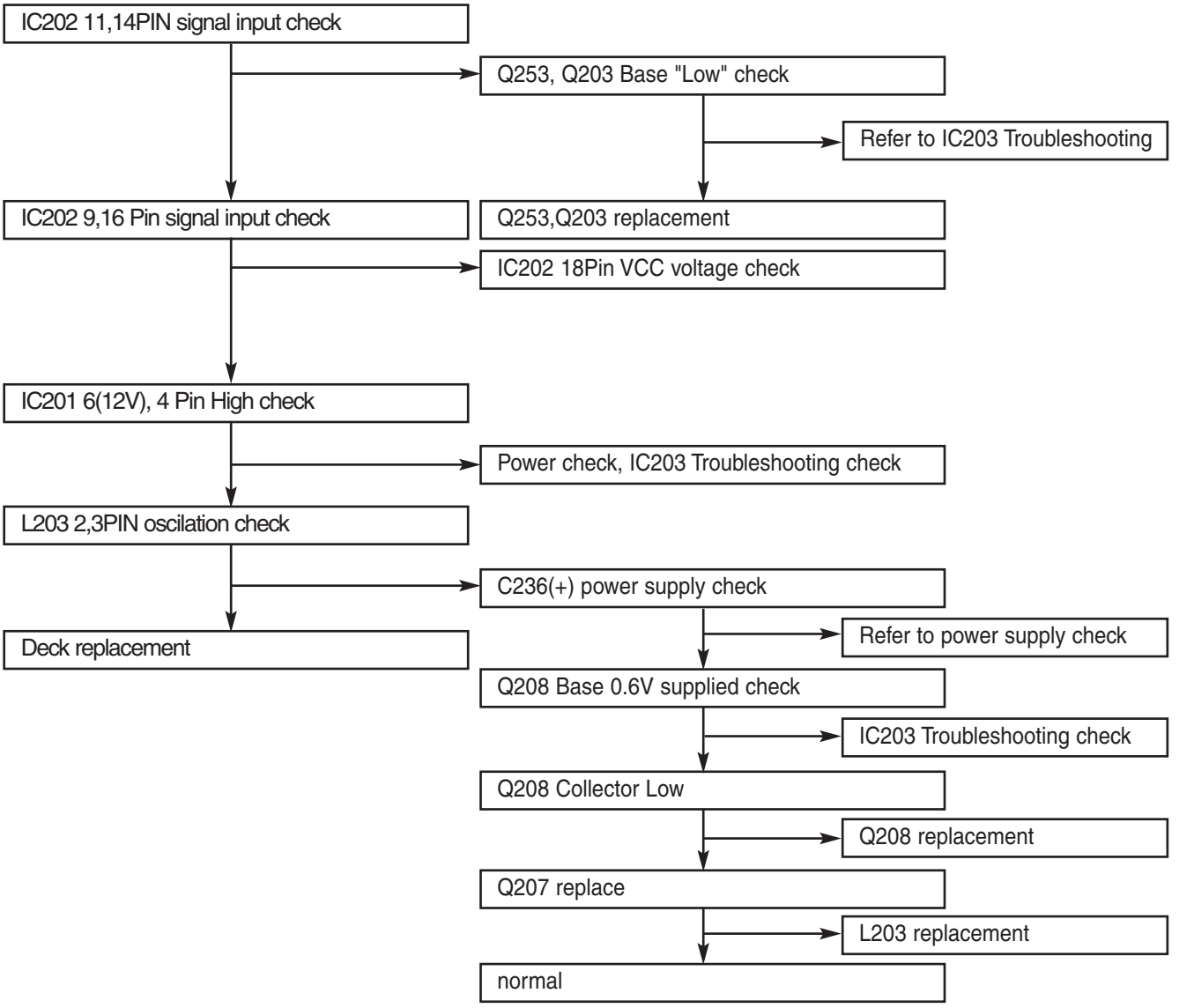
IC701, IC751 Troubleshooting



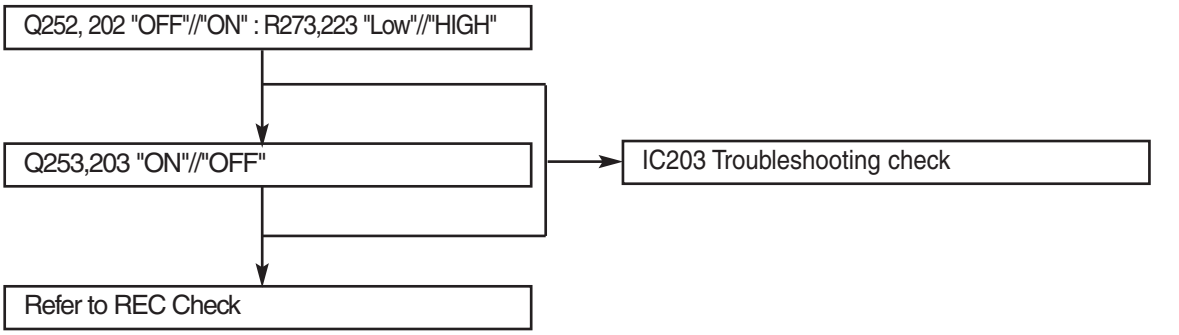
PLAY check



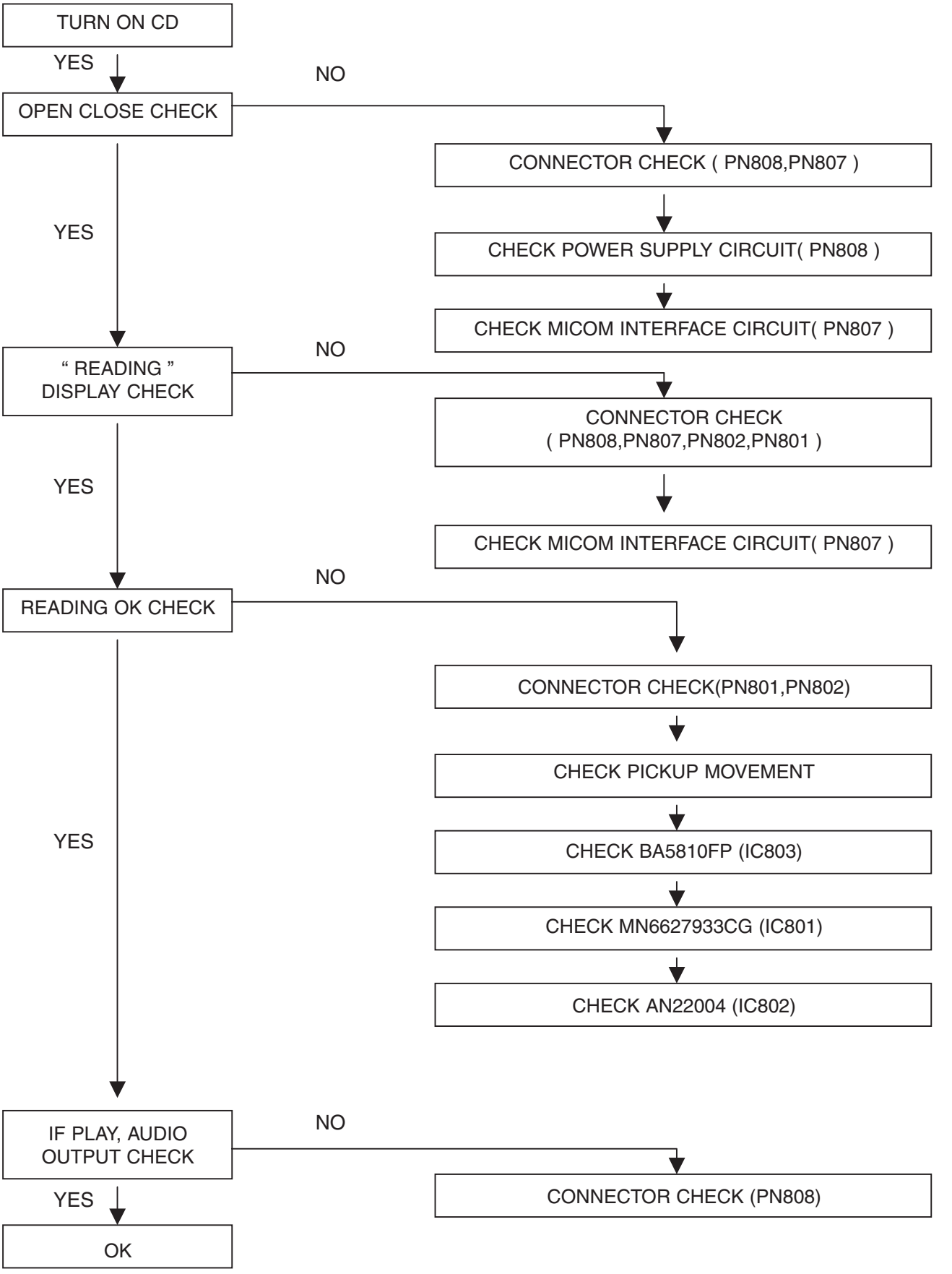
Rec check (Q252, Q202 ON : R273, R223 High)



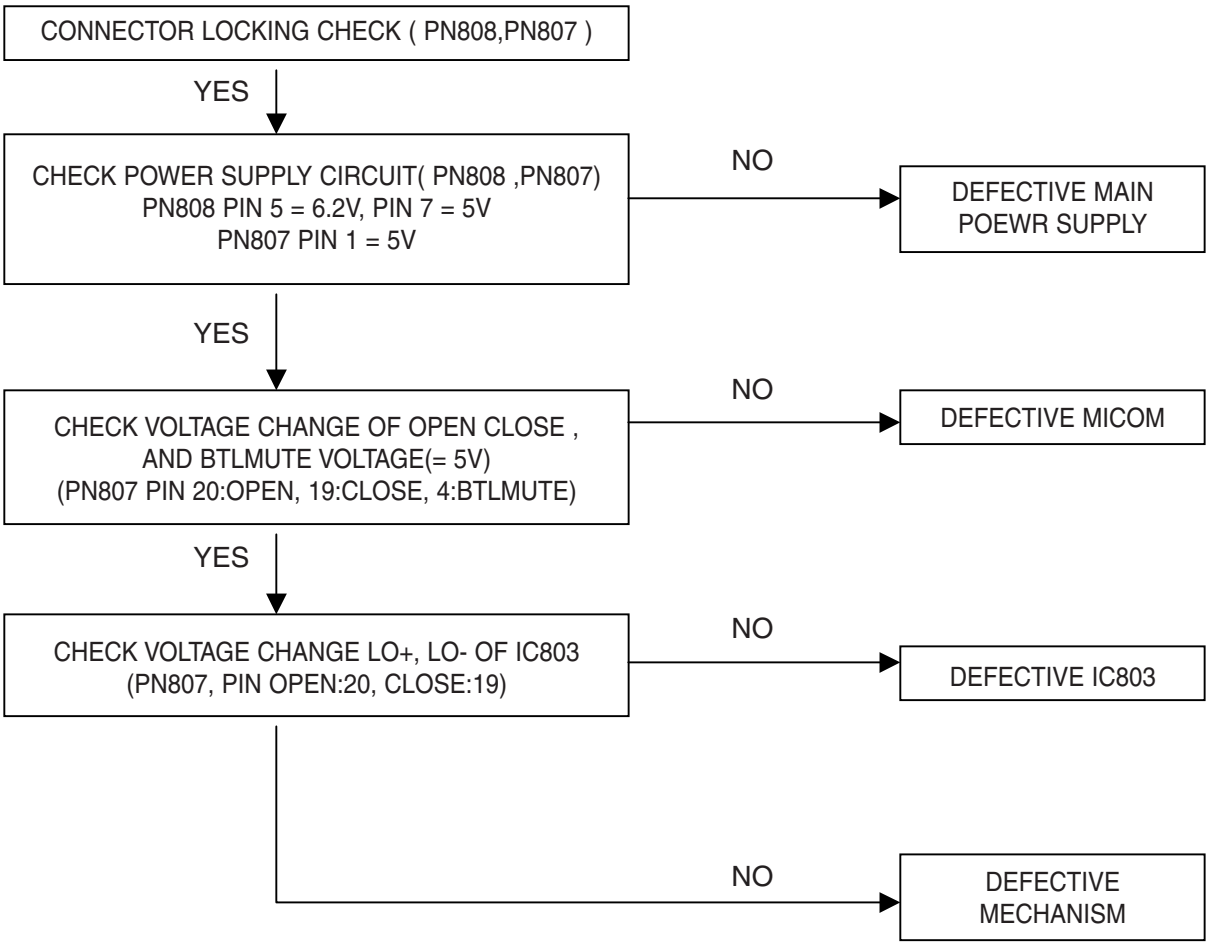
Dubbing check ("NORMAL or REC"//"HIGH")



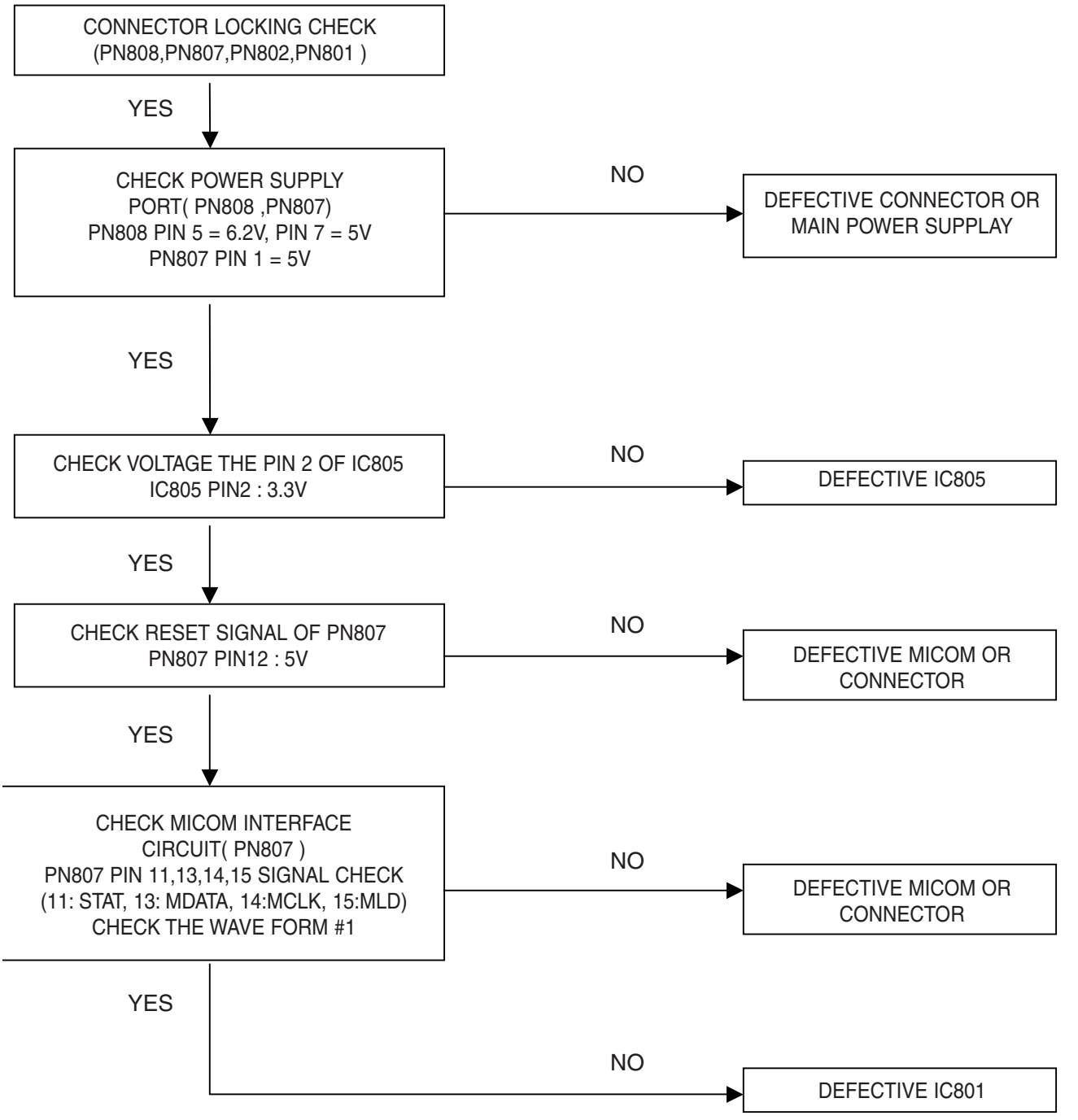
■ CD PART


TURN ON CD
YES
OPEN CLOSE CHECK
NO
CONNECTOR CHECK (PN808,PN807)
CHECK POWER SUPPLY CIRCUIT(PN808)
CHECK MICOM INTERFACE CIRCUIT(PN807)
YES
" READING "
DISPLAY CHECK
NO
CONNECTOR CHECK
(PN808,PN807,PN802,PN801)
CHECK MICOM INTERFACE CIRCUIT(PN807)
YES
READING OK CHECK
NO
CONNECTOR CHECK(PN801,PN802)
CHECK PICKUP MOVEMENT
CHECK BA5810FP (IC803)
CHECK MN6627933CG (IC801)
CHECK AN22004 (IC802)
YES
IF PLAY, AUDIO
OUTPUT CHECK
NO
CONNECTOR CHECK (PN808)
YES
OK

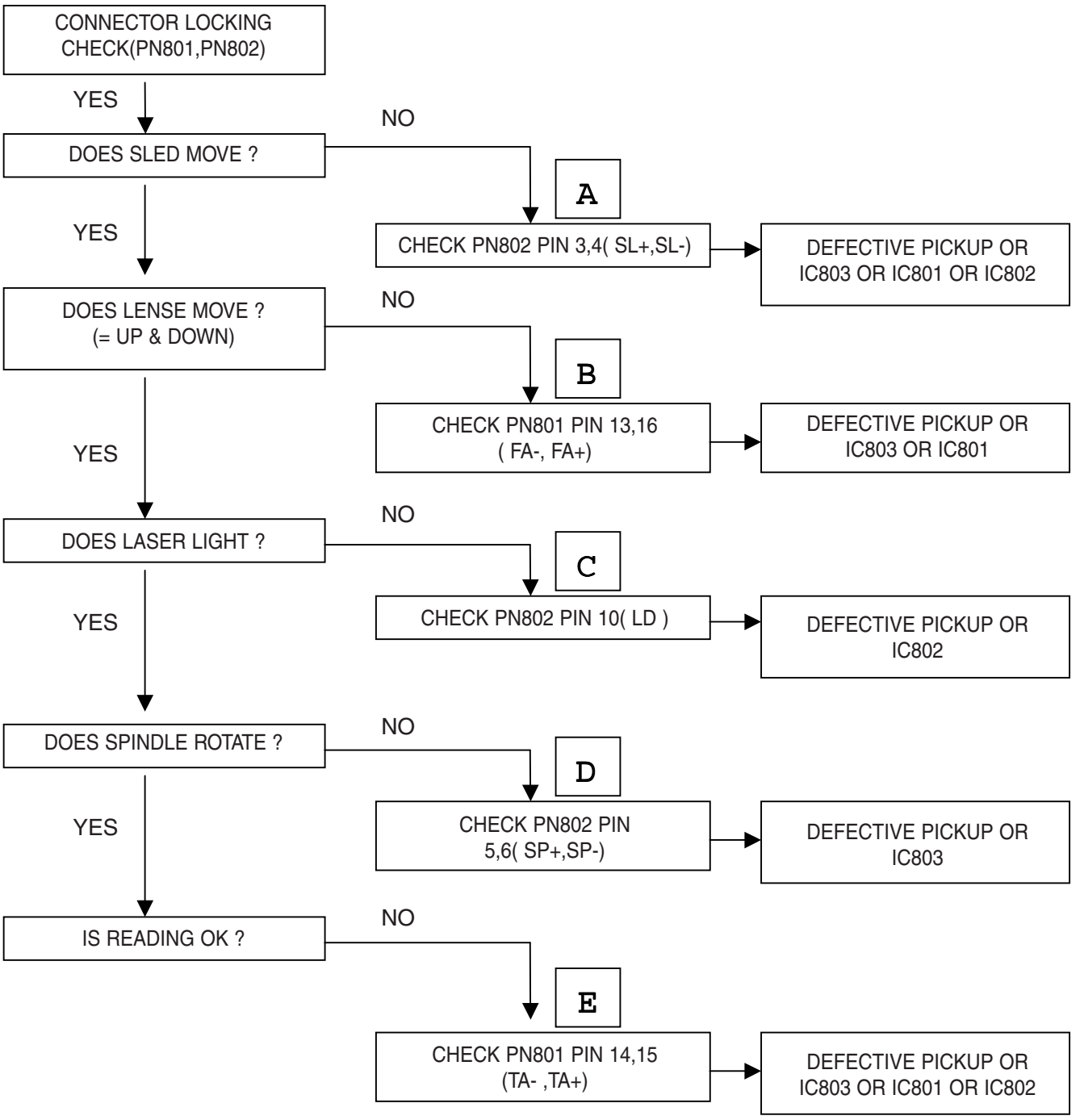
OPEN CLOSE NG



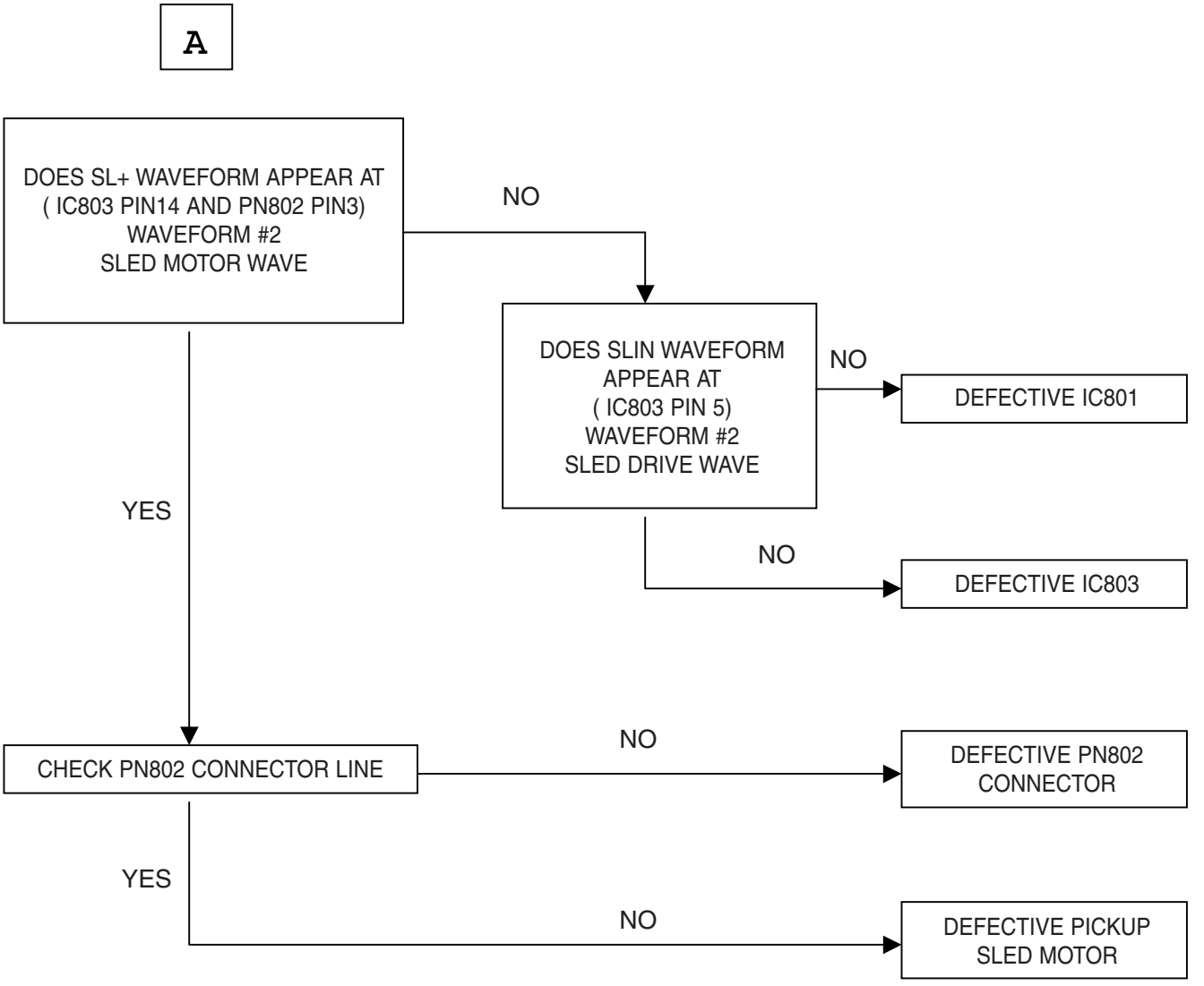
READING DISPLAY CHECK (= ONLY “CD “DISPLAY)



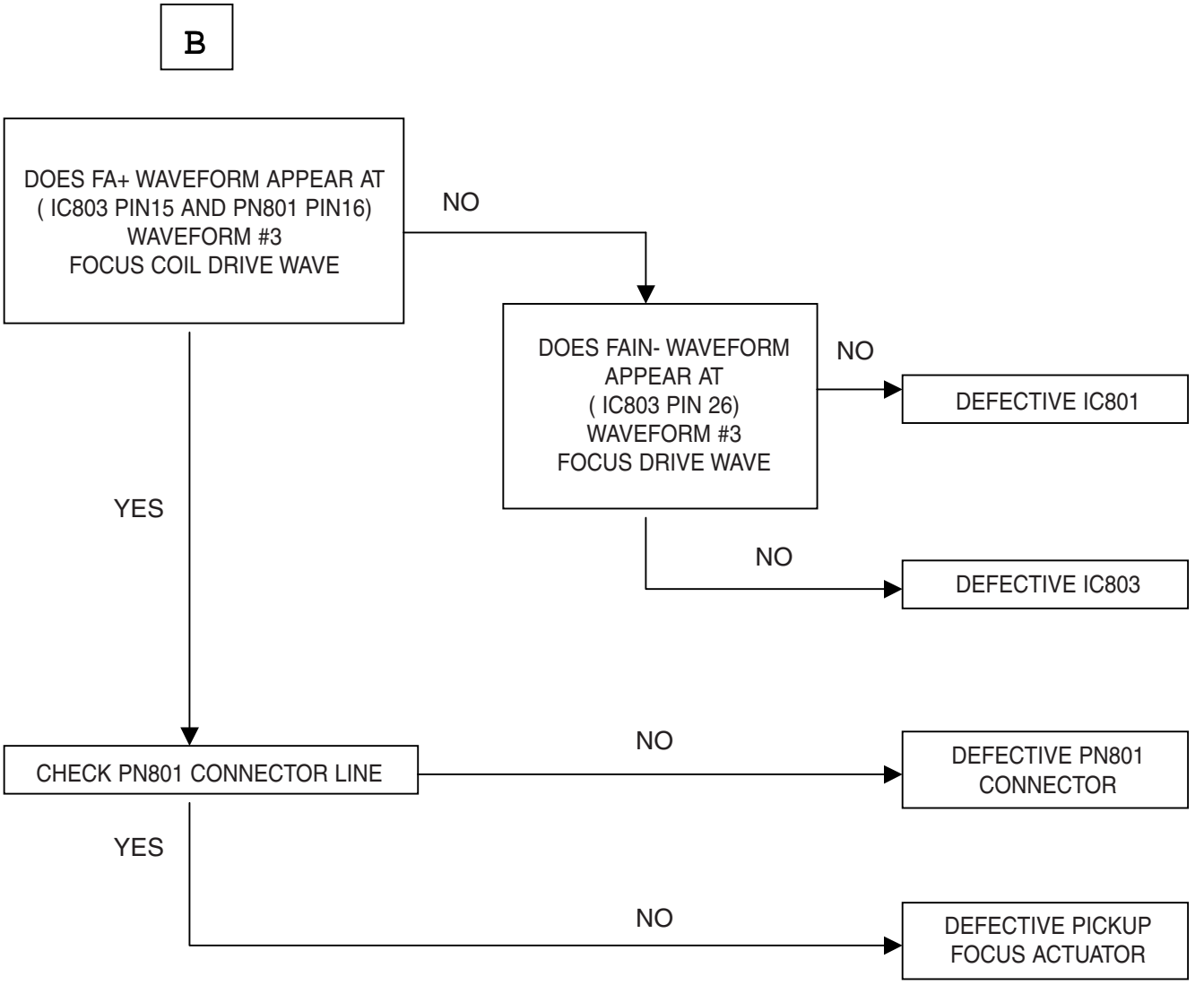
READING OK CHECK (= “NO DISC” DISPLAY)



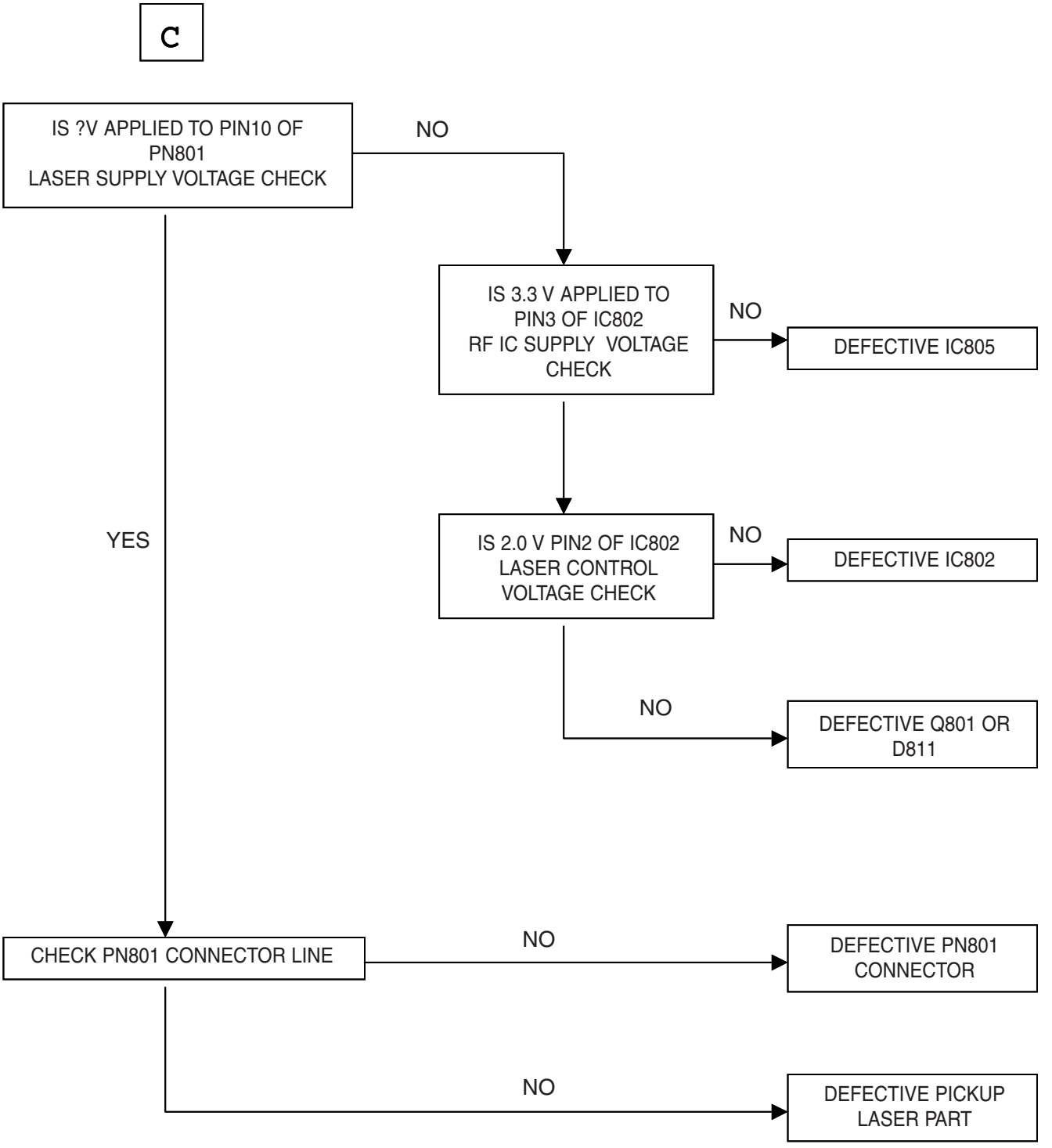
READING OK CHECK #A (= “NO DISC” DISPLAY)



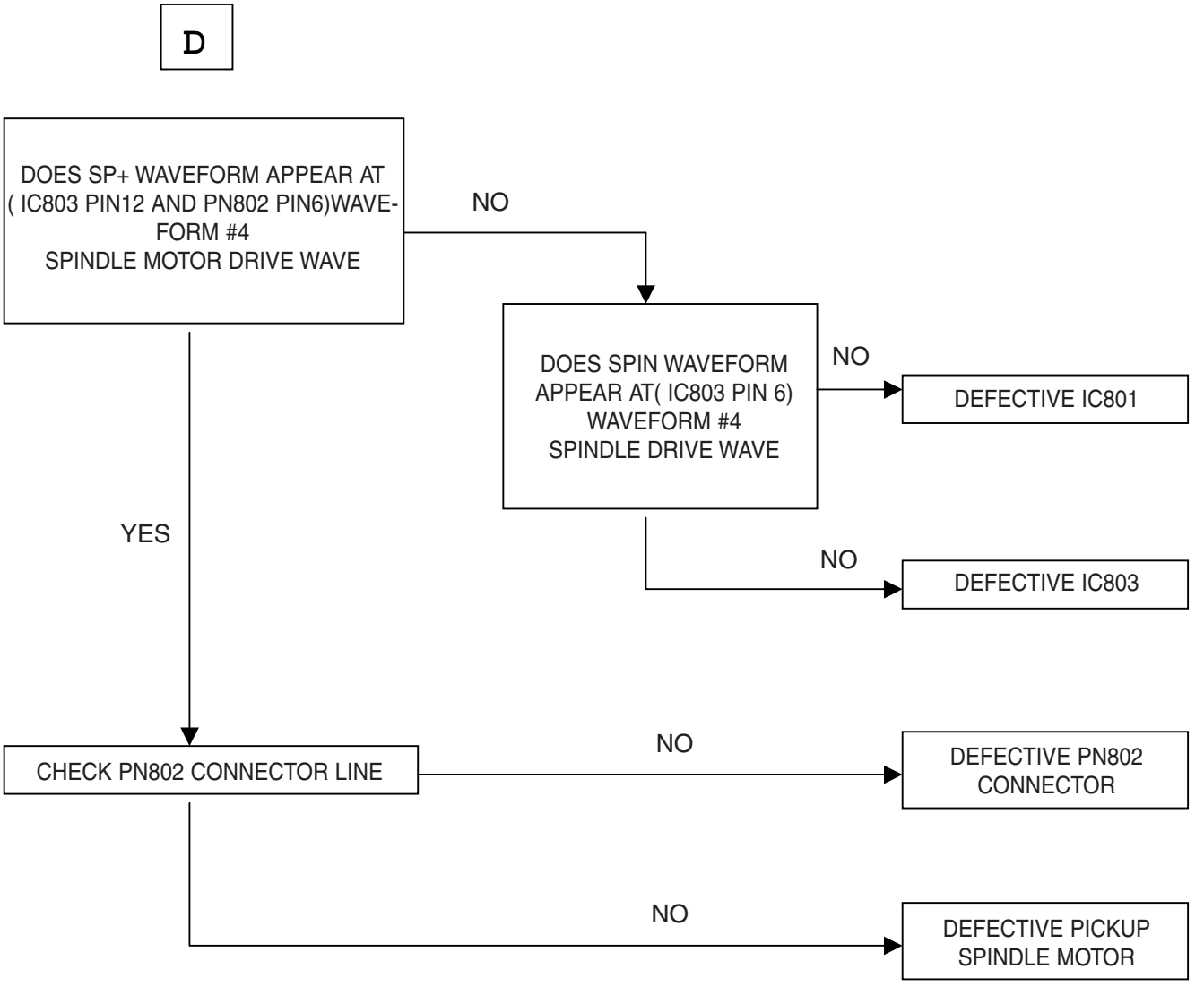
READING OK CHECK #B (= “NO DISC” DISPLAY)



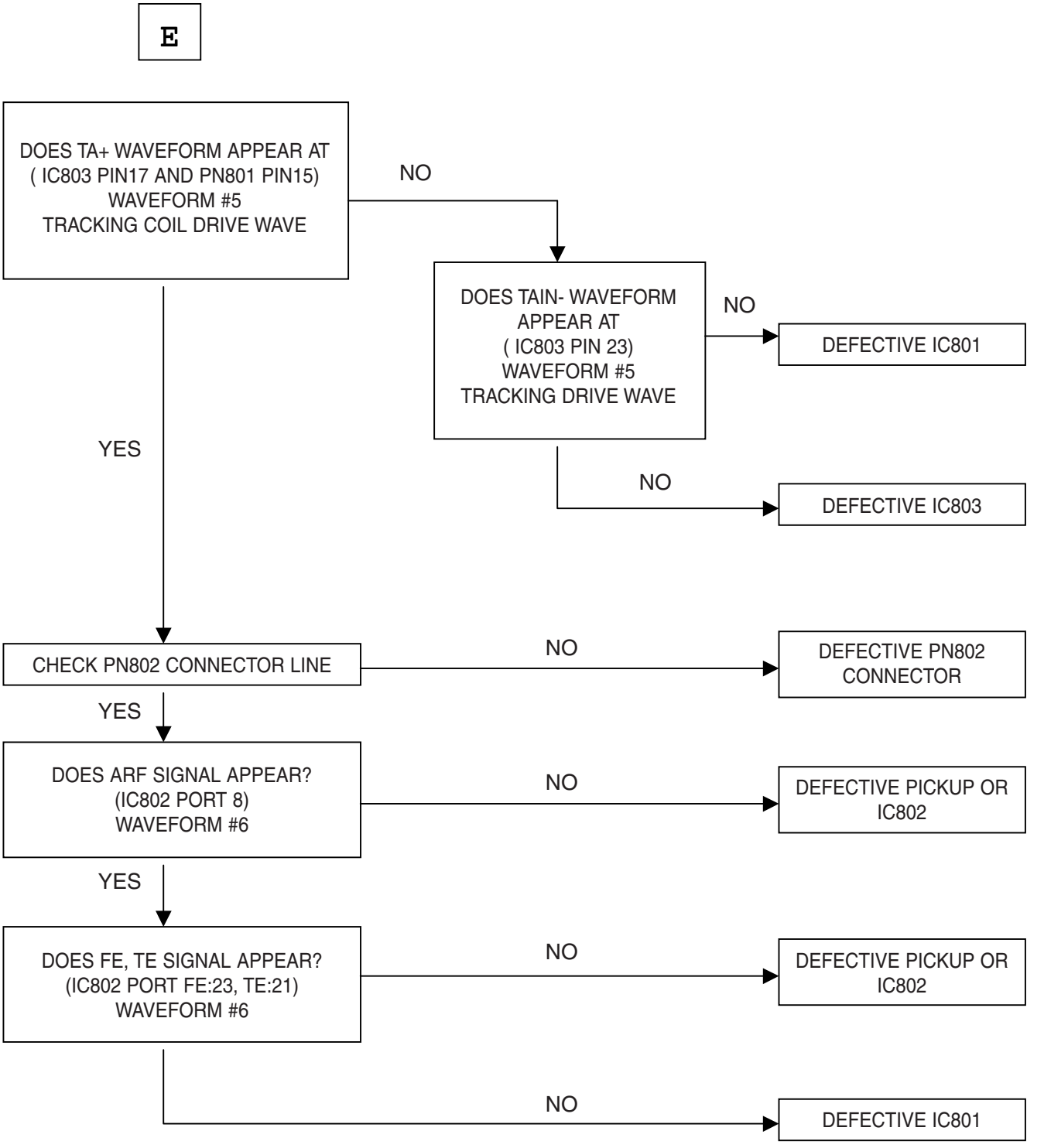
READING OK CHECK #C (= “NO DISC” DISPLA)



READING OK CHECK #D (= “NO DISC” DISPLAY)

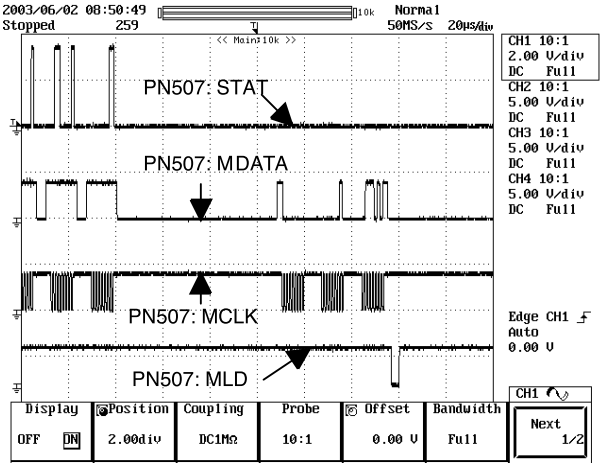


READING OK CHECK #E (= “NO DISC” DISPLAY)

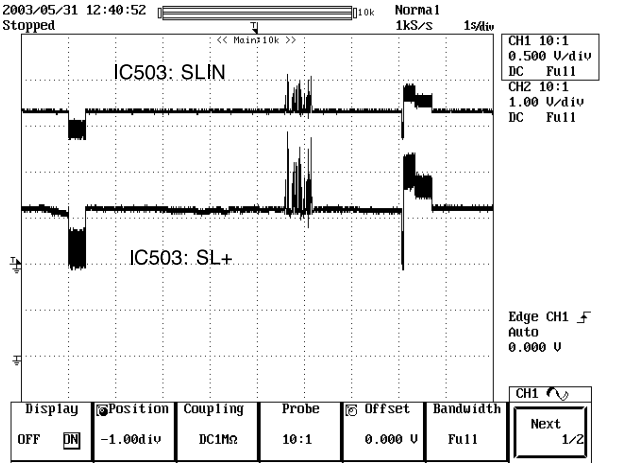


WAVEFORMS OF MAKOR CHECK POINT

#1 . MICOM INTERFACE WAVEFORM
(PN507 pin6, 8, 9, 1 0) during normal play

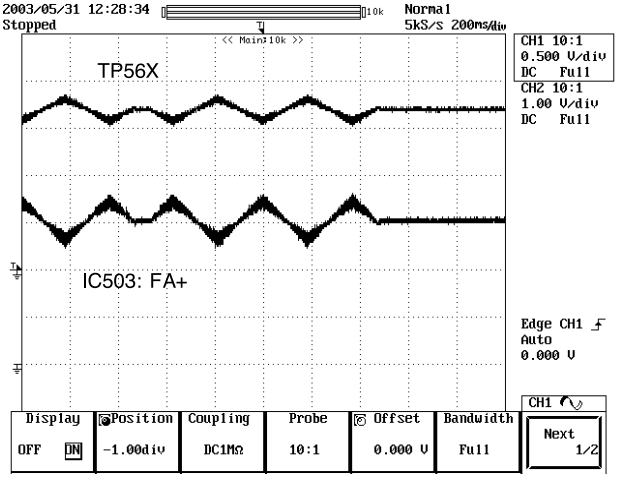


#2. SLED DRIVE AND MOTOR WAVEFORM
(IC503 pin5, 1 4) when focus search

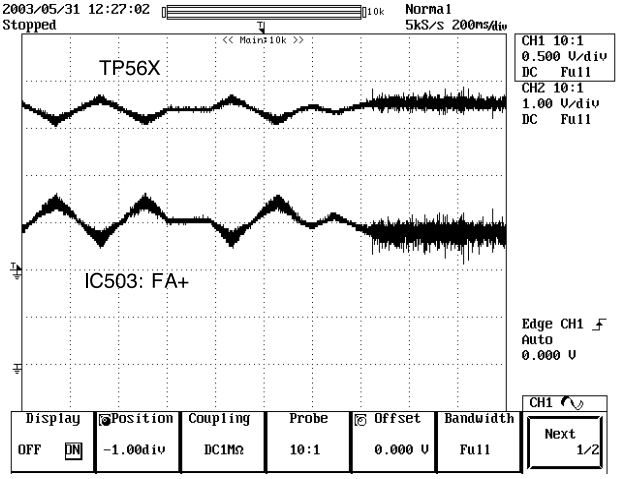


#3. FOCUS DRIVE AND MOTOR WAVEFORM
(TP56 1 , IC503 pin 1 5)

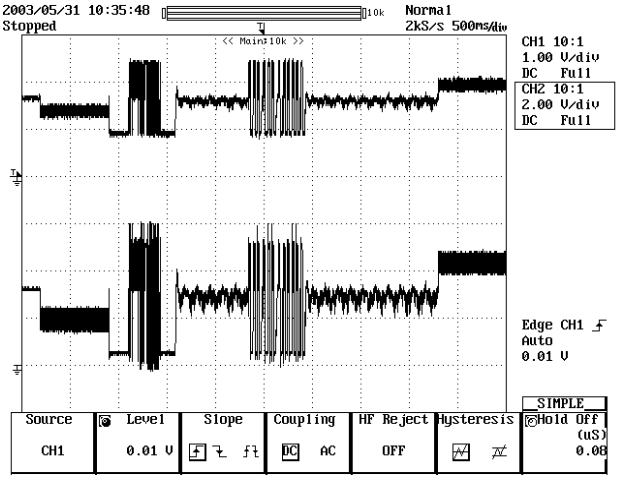
- When focus search failed or there is no disc on tray



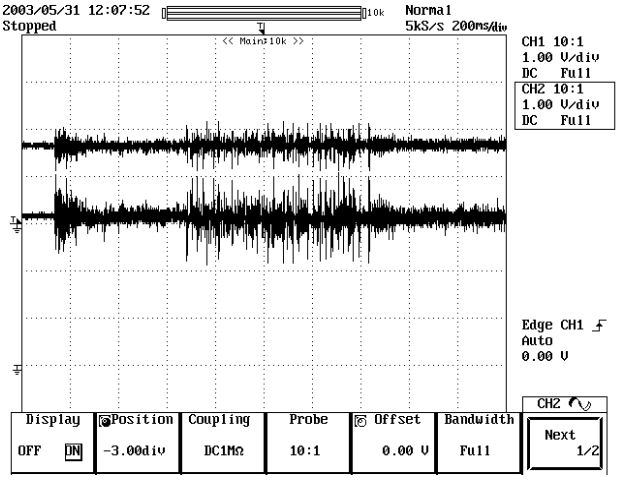
- There is disc on tray and focus search success



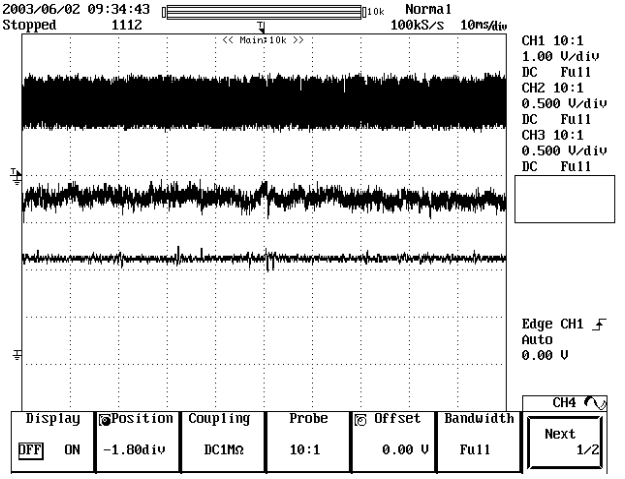
#4. SPINDLE DRIVE AND MOTOR WAVEFORM
(IC503 pin6, 1 2) when TOC reading



#5. TRACK DRIVE AND MOTOR WAVEFORM
(TP560, IC503 pin23) during normal play



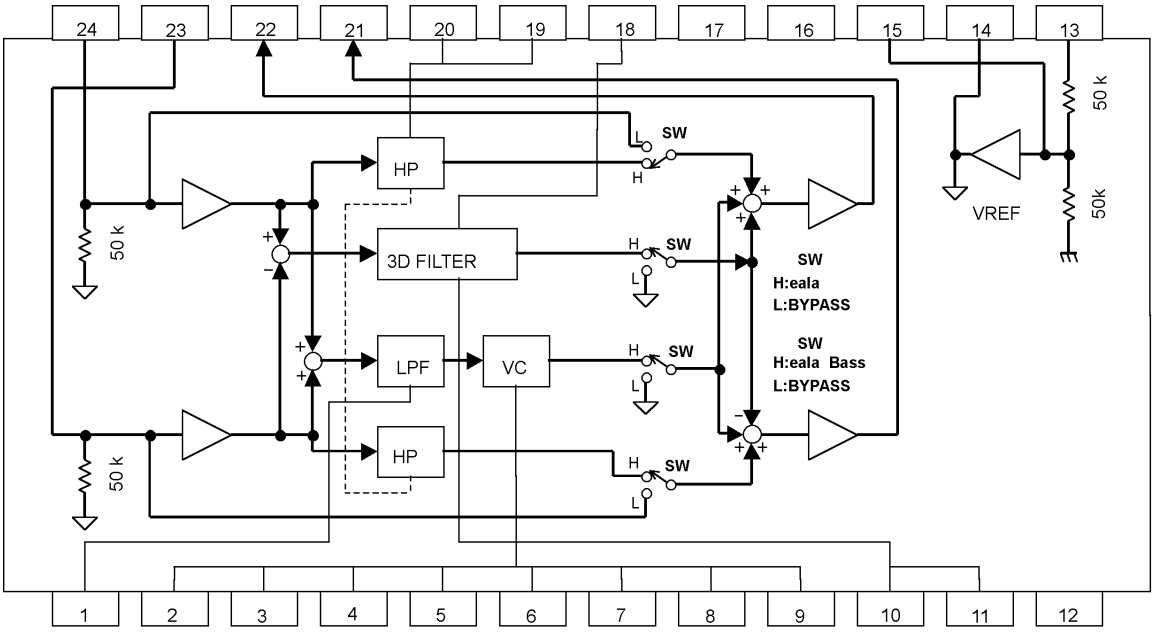
#6. RF, TRACKING AND FOCUS ERROR WAVEFORM
(IC502 pin8, 2 1 , 23) during normal play



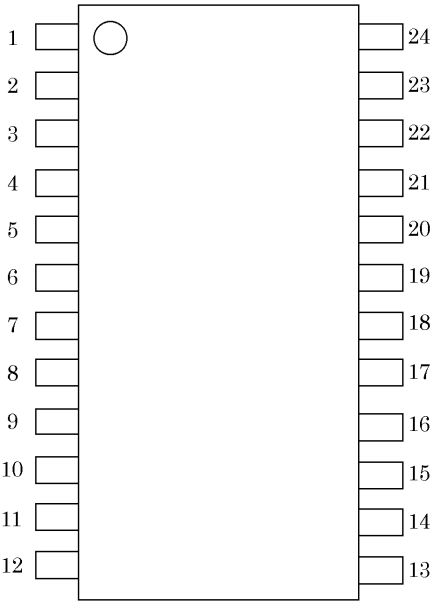
❑ INTERNAL BLOCK DIAGRAM of ICs

• NJM2706M (IC1)

BLOCK DIAGRAM



PIN CONFIGURATION

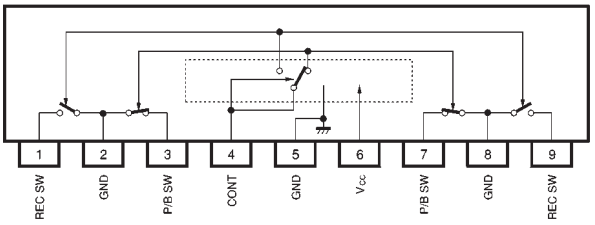


Pin Function

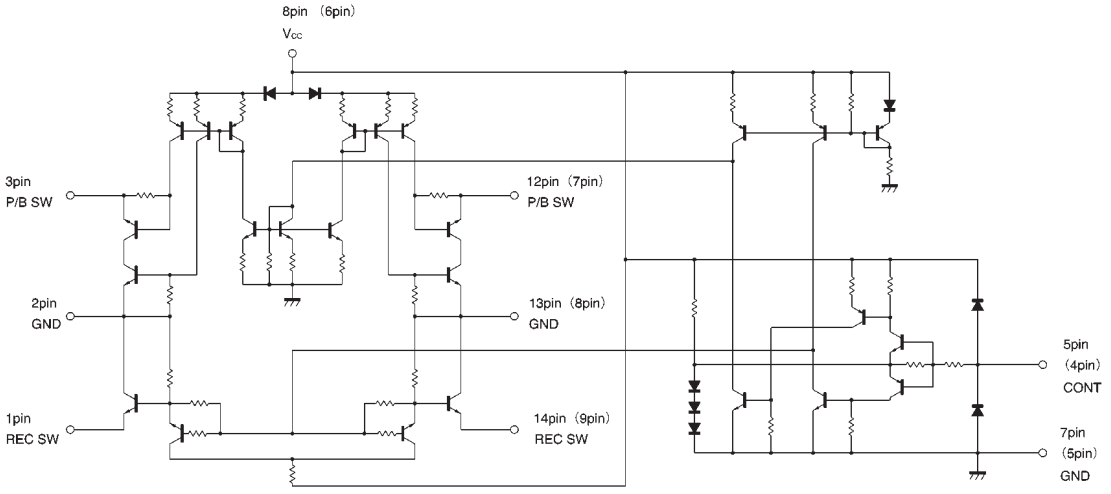
1.	LPF	13.	V^+
2.	MIN	14.	VREFOUT
3.	MOUT	15.	VREFIN
4.	Ca	16.	SW1
5.	Cr	17.	SW2
6.	BASSFIL1	18.	ealaFIL
7.	BASSFIL2	19.	HFFILL
8.	BASSVRIN	20.	HFFILR
9.	BASSVROUT	21.	ROUT
10.	ealaVRIN	22.	LOUT
11.	ealaVROUT	23.	RIN
12.	GND	24.	LIN

• BA3126N (IC201)

BLOCK DIAGRAM

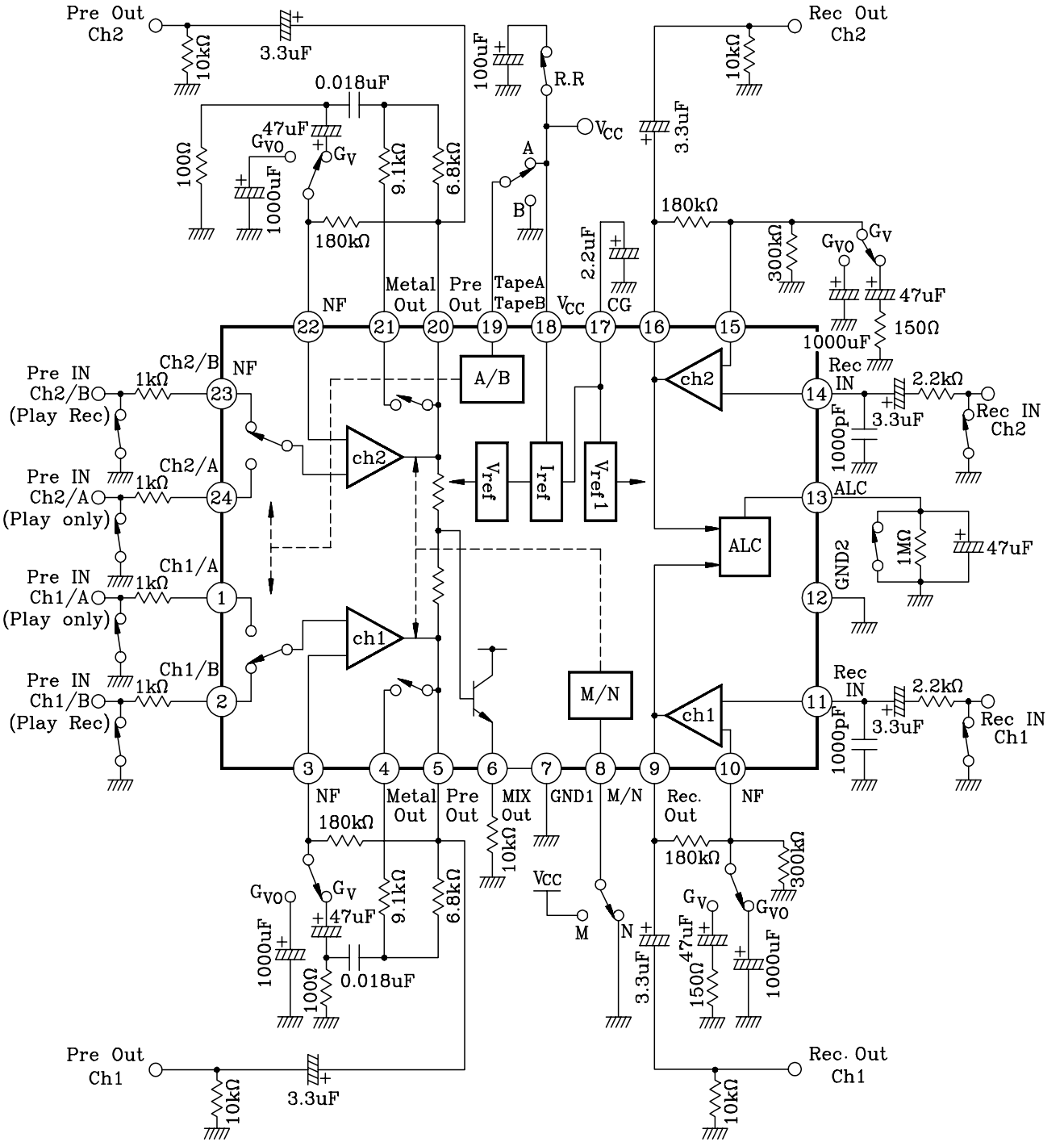


PIN CONFIGURATION

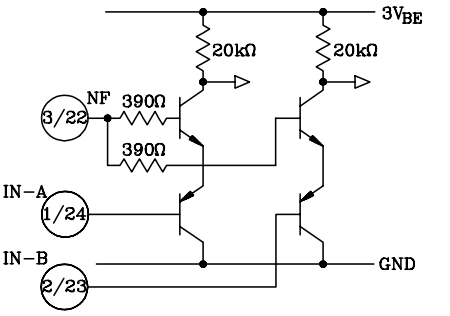
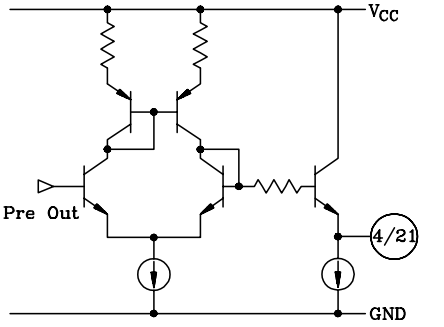
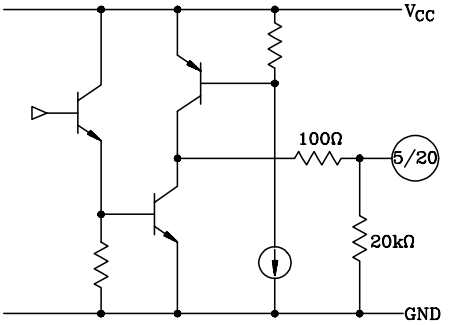
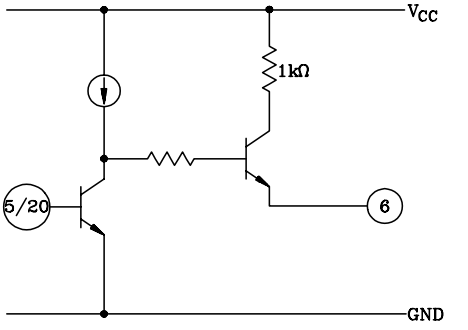


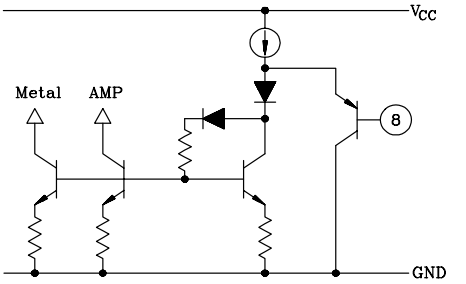
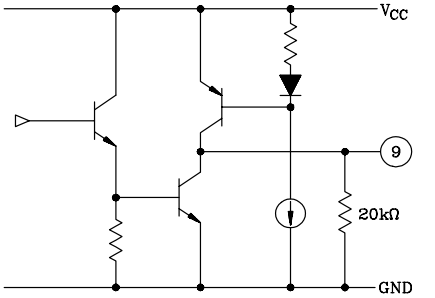
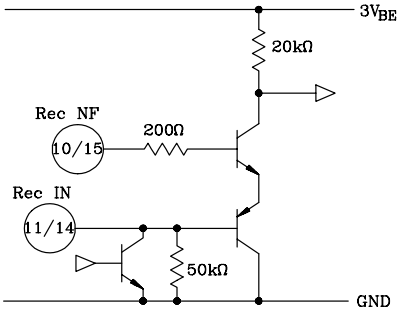
• KIA6289N (IC202)

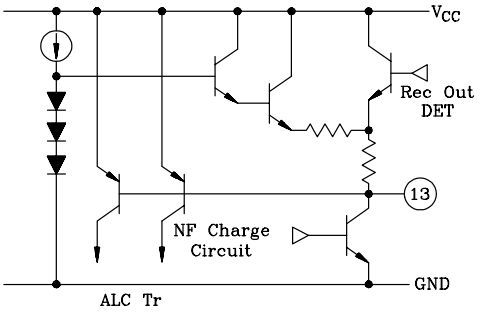
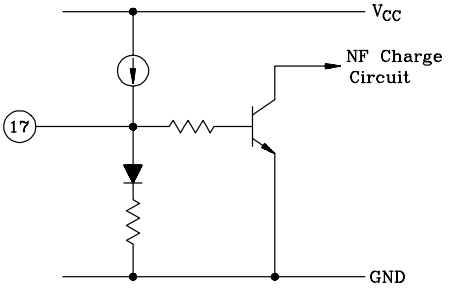
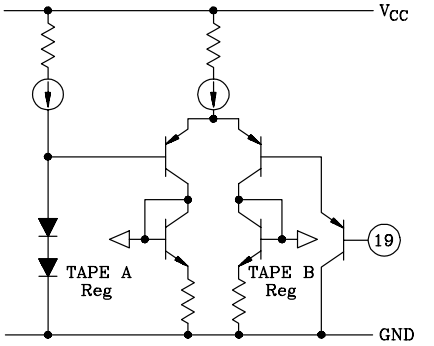
BLOCK DIAGRAM



TERMINAL EXPLANATION

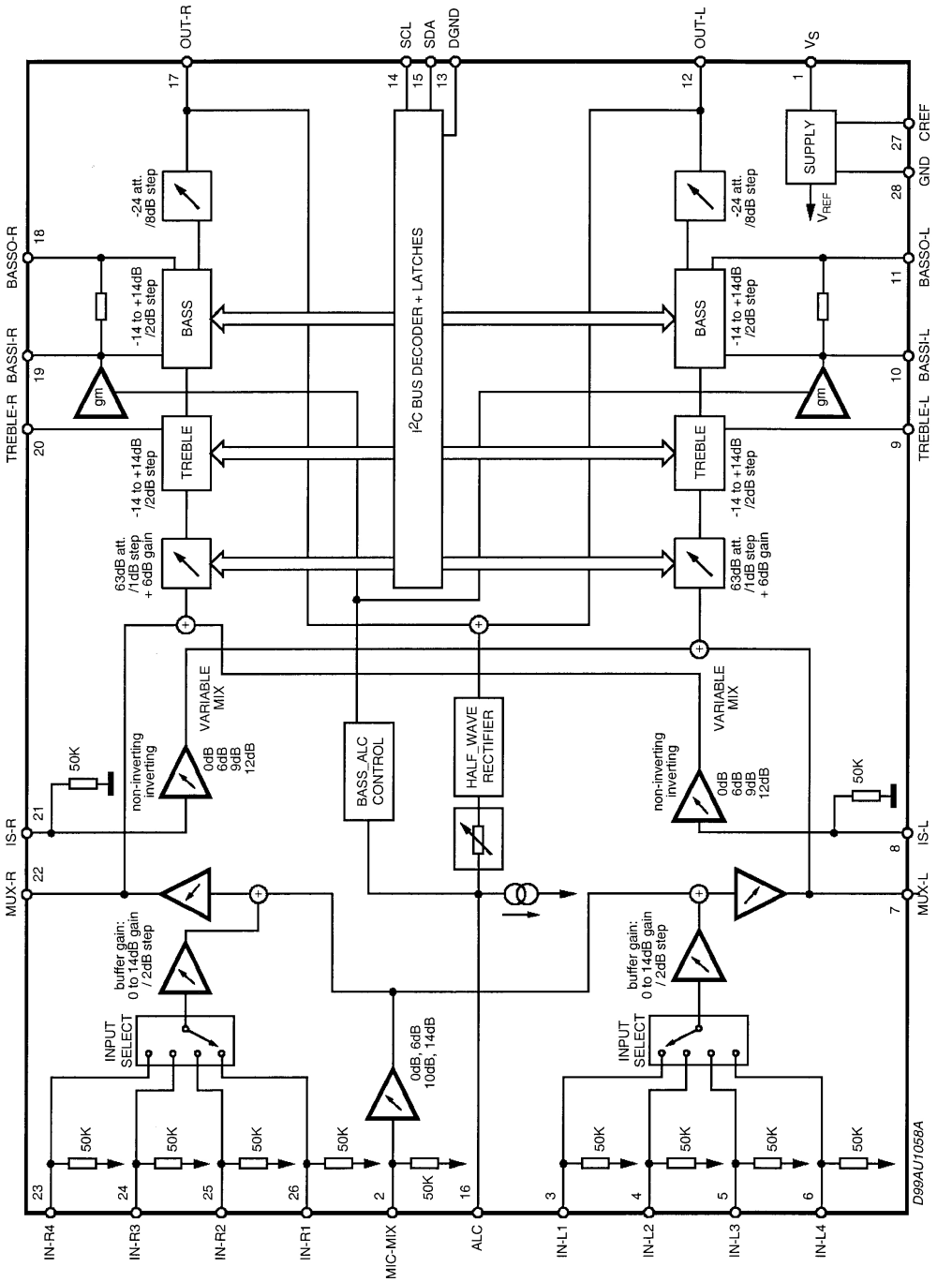
NO.	TERMINAL NAME	FUNCTION	EQUIVALENT CIRCUIT
1	TAPE A IN (ch1)	Tape Play Back Input (Play)	
24	TAPE A IN (ch1)		
2	TAPE B IN (ch2)	Tape Play Back Input (Play/Rec)	
23	TAPE B IN (ch2)		
3	PB NF (ch1)	Tape Play Back NF	
22	PB NF (ch2)		
4/21	Metal Out	Play Back Amp Metal Output	
5	Pre Out (ch1)	Play Back Amp Output	
20	Pre Out (ch2)		
6	MIX OUT	Mixing Output	
7	GND	GND	

NO.	TERMINAL NAME	FUNCTION	EQUIVALENT CIRCUIT
8	Metal/Normal SW	Change Over Switch for Metal Mode and Normal Mode.	
9	Rec Out (Ch1)	Recording Amp Output	
16	Rec Out (Ch2)		
10	Rec NF(Ch1)	Recording Amp NF	
15	Rec NF(Ch2)		
11	Rec IN (Ch1)	Recording Amp Input	
14	Rec IN (Ch2)		
12	GND	GND	

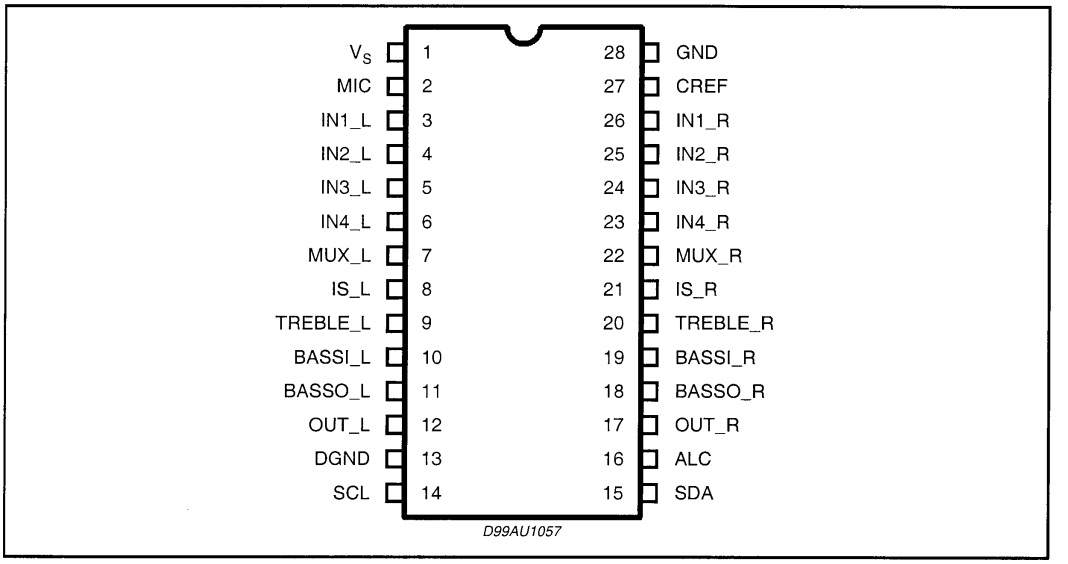
NO.	TERMINAL NAME	FUNCTION	EQUIVALENT CIRCUIT
13	ALC T.G	Automatic Level Control (ALC) Time Constant Terminal	
17	CG Det.	NF Charge up Circuit Switching Terminal	
19	TAPE A/TAPE B SW	Play Back Amp Input Selector	

• TDA7468D (IC601)

BLOCK DIAGRAM

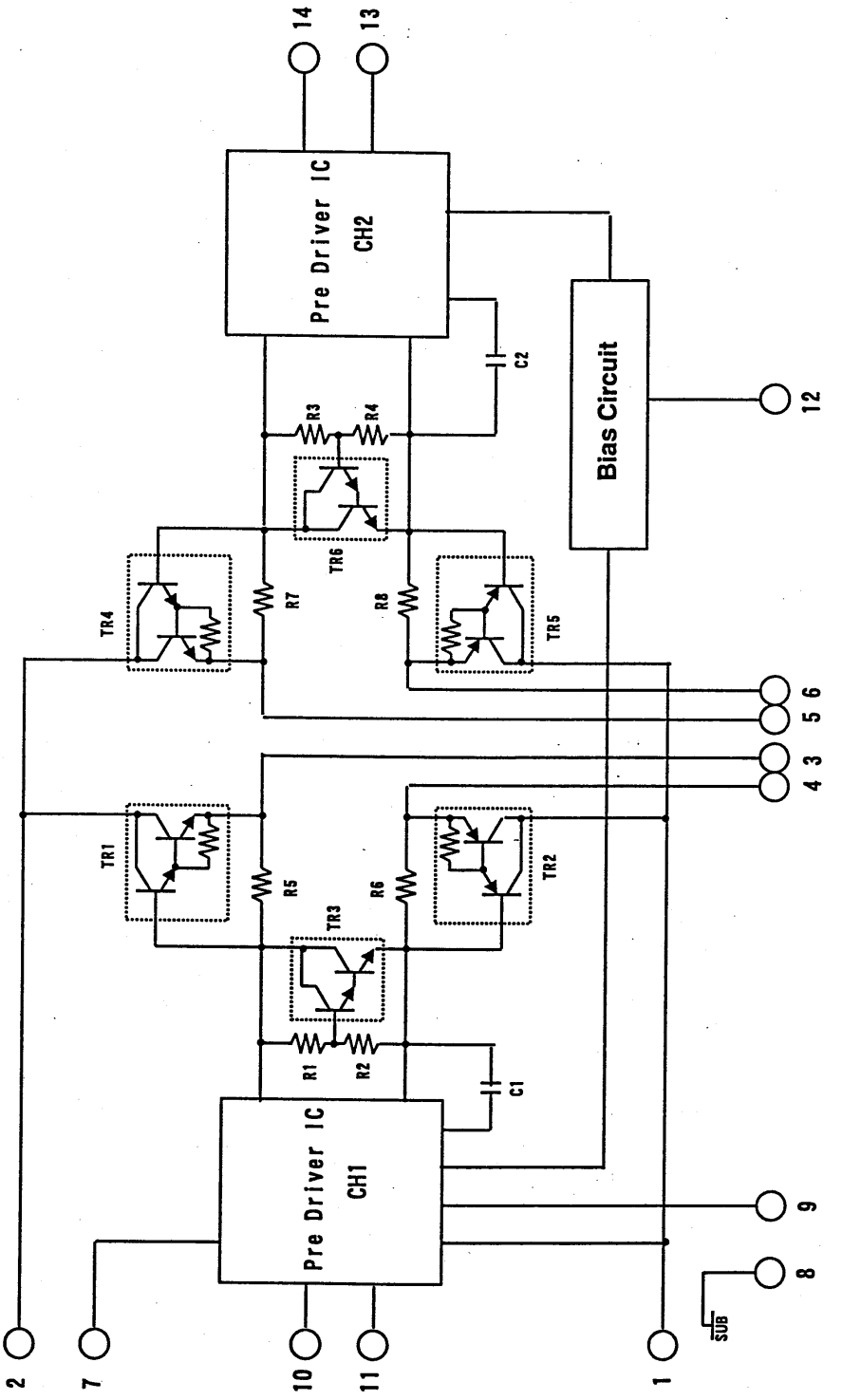


PIN CONFIGURATION



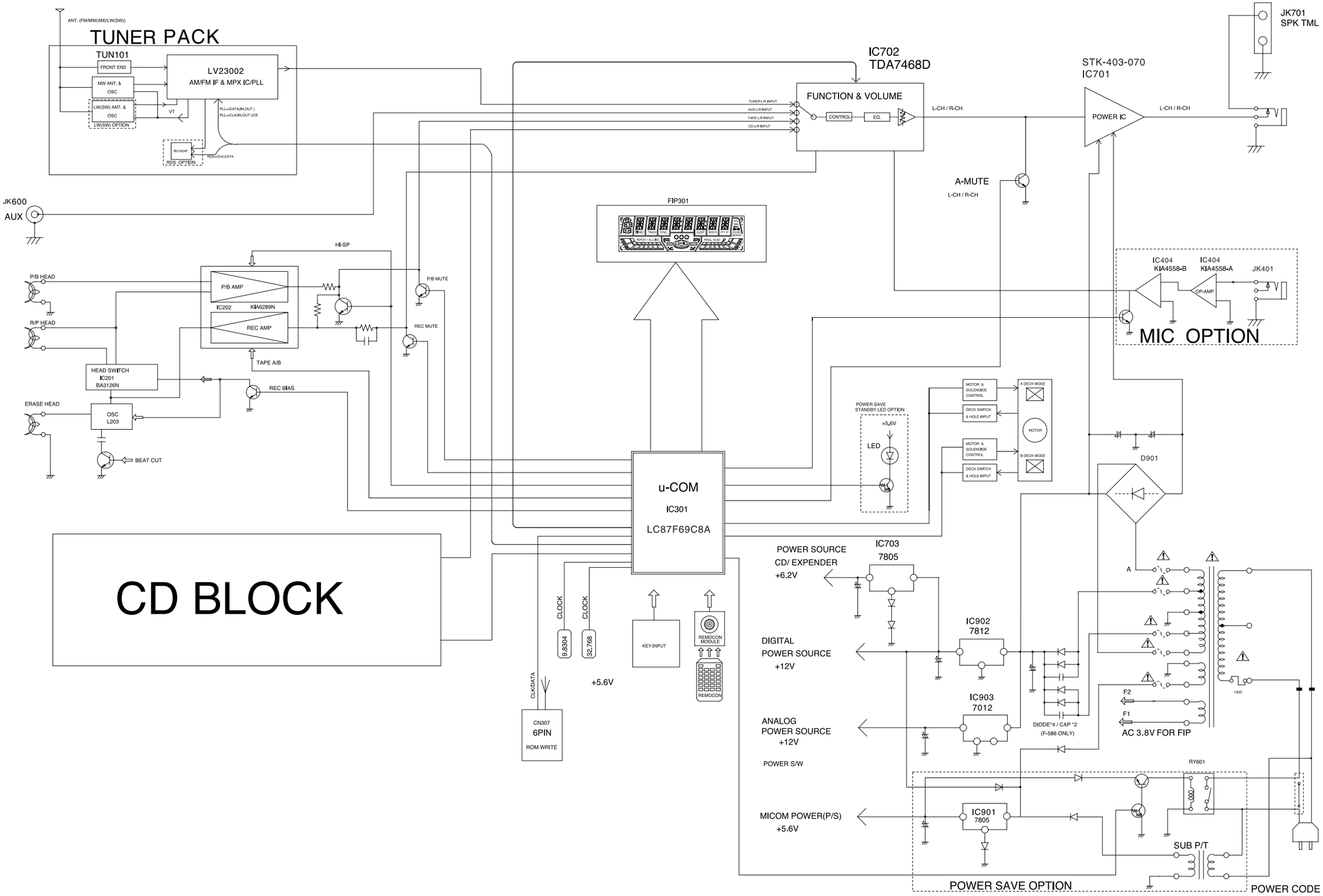
• STK403-070 (IC701)

BLOCK DIAGRAM



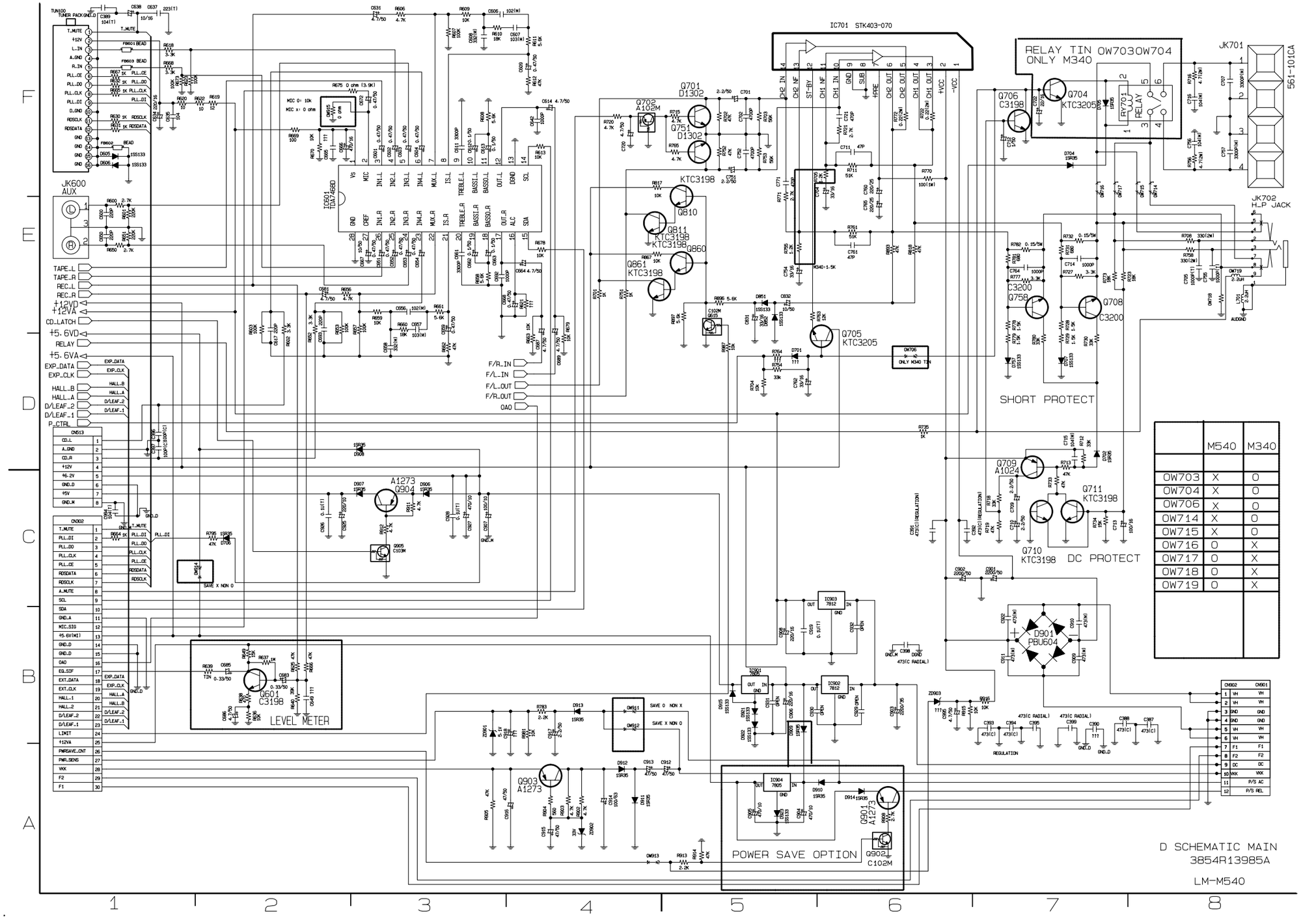
MEMO

❑ BLOCK DIAGRAM

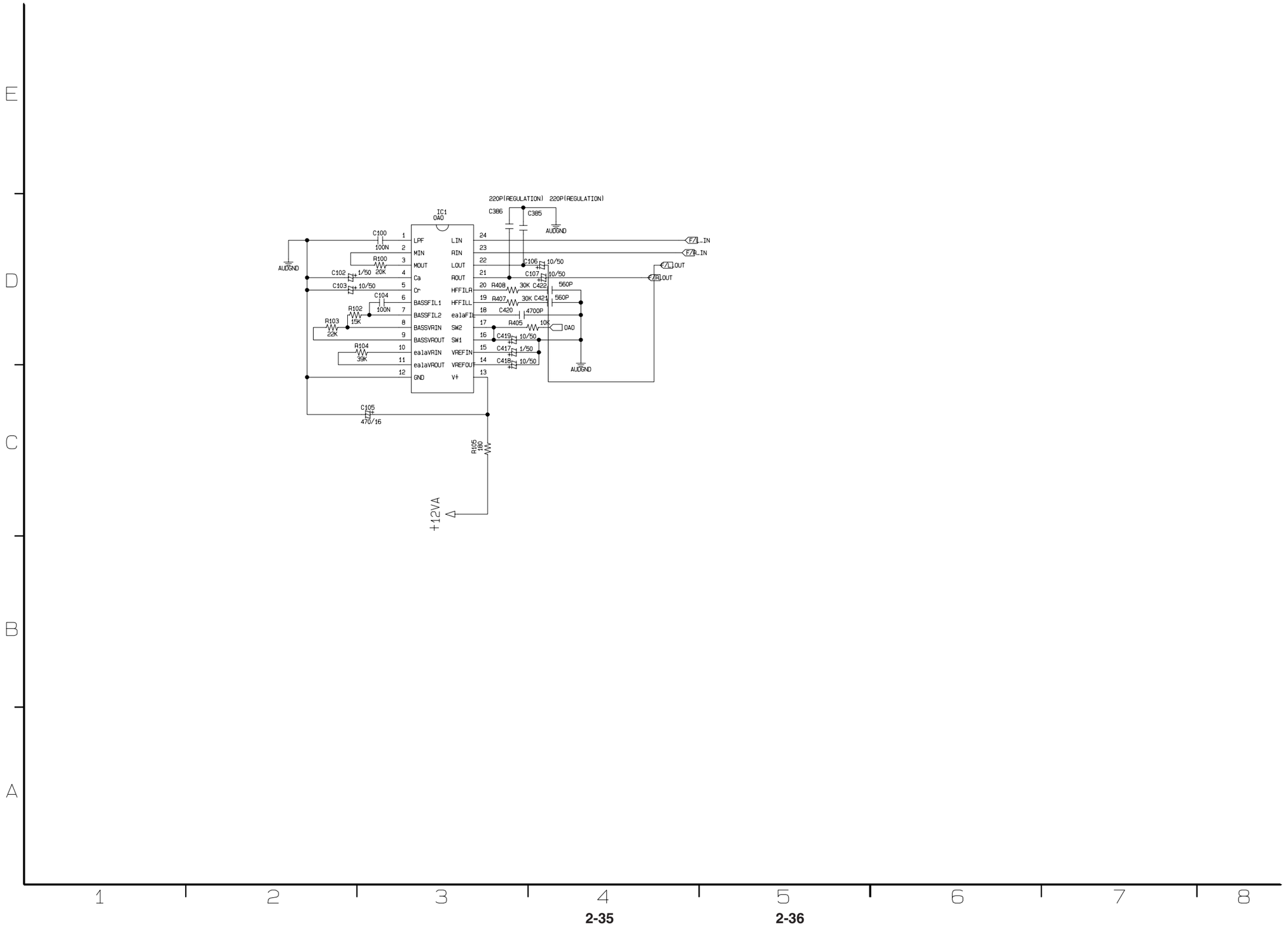


❑ SCHEMATIC DIAGRAMS

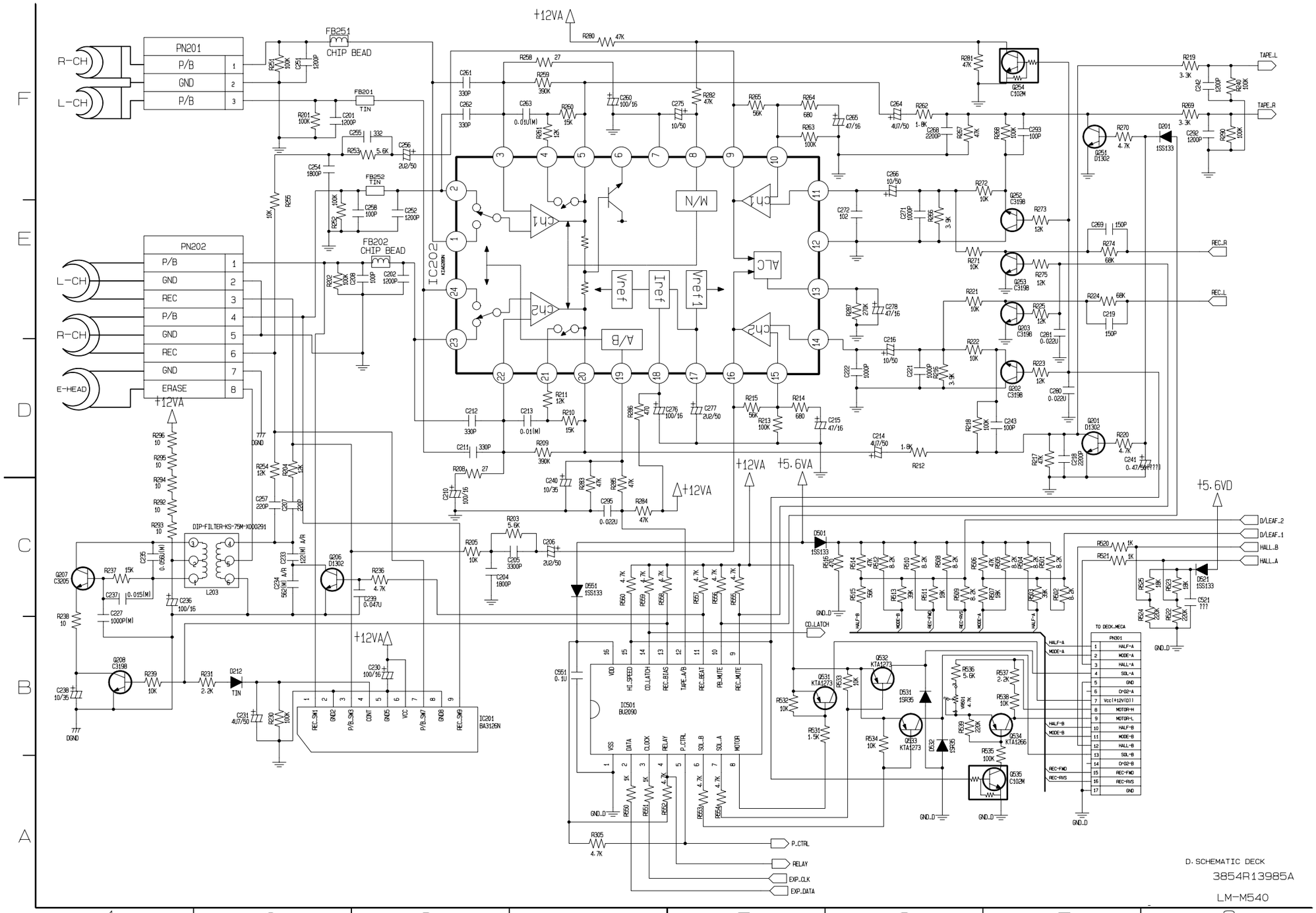
• MAIN SCHEMATIC DIAGRAM



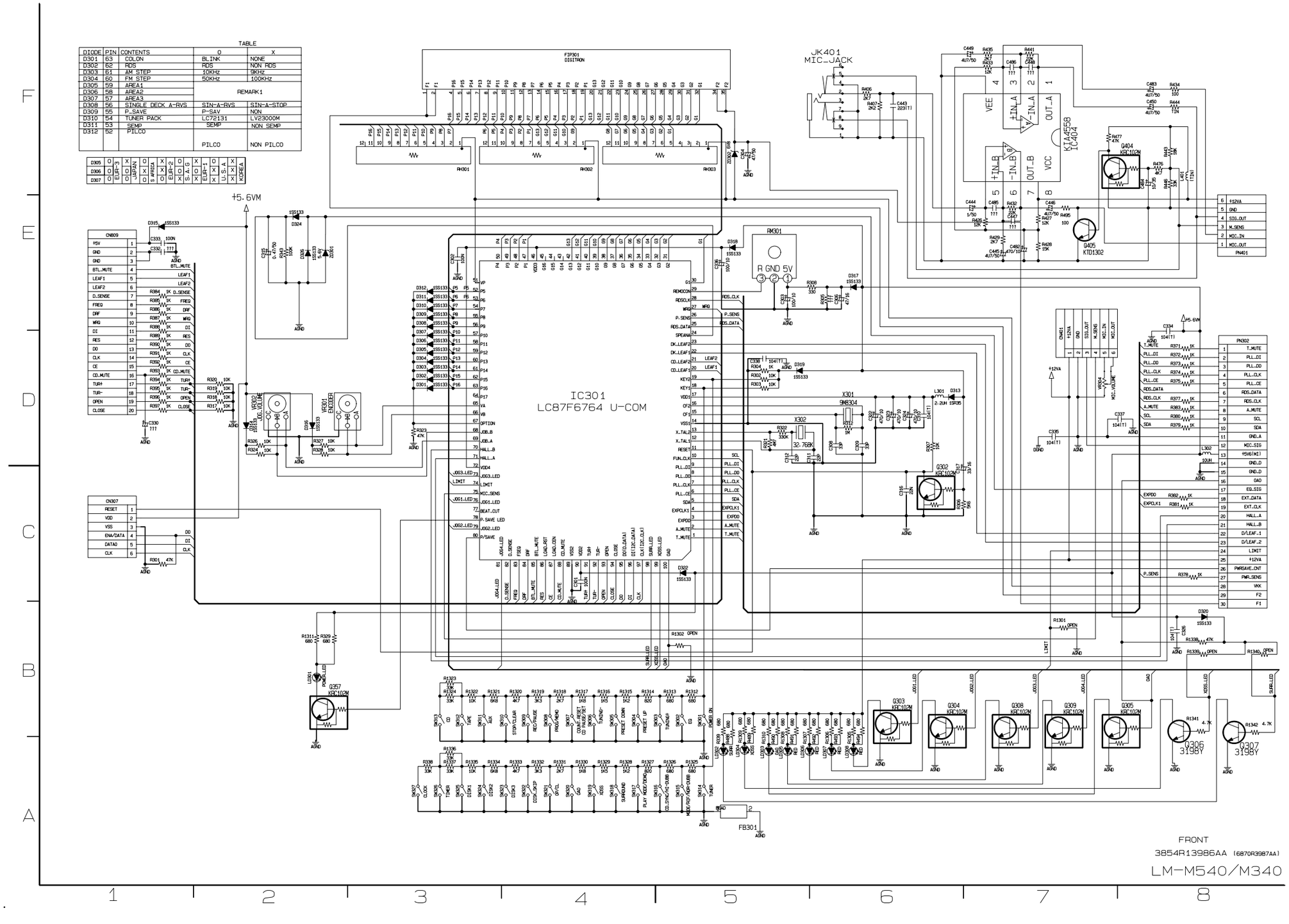
• MAIN-1 SCHEMATIC DIAGRAM



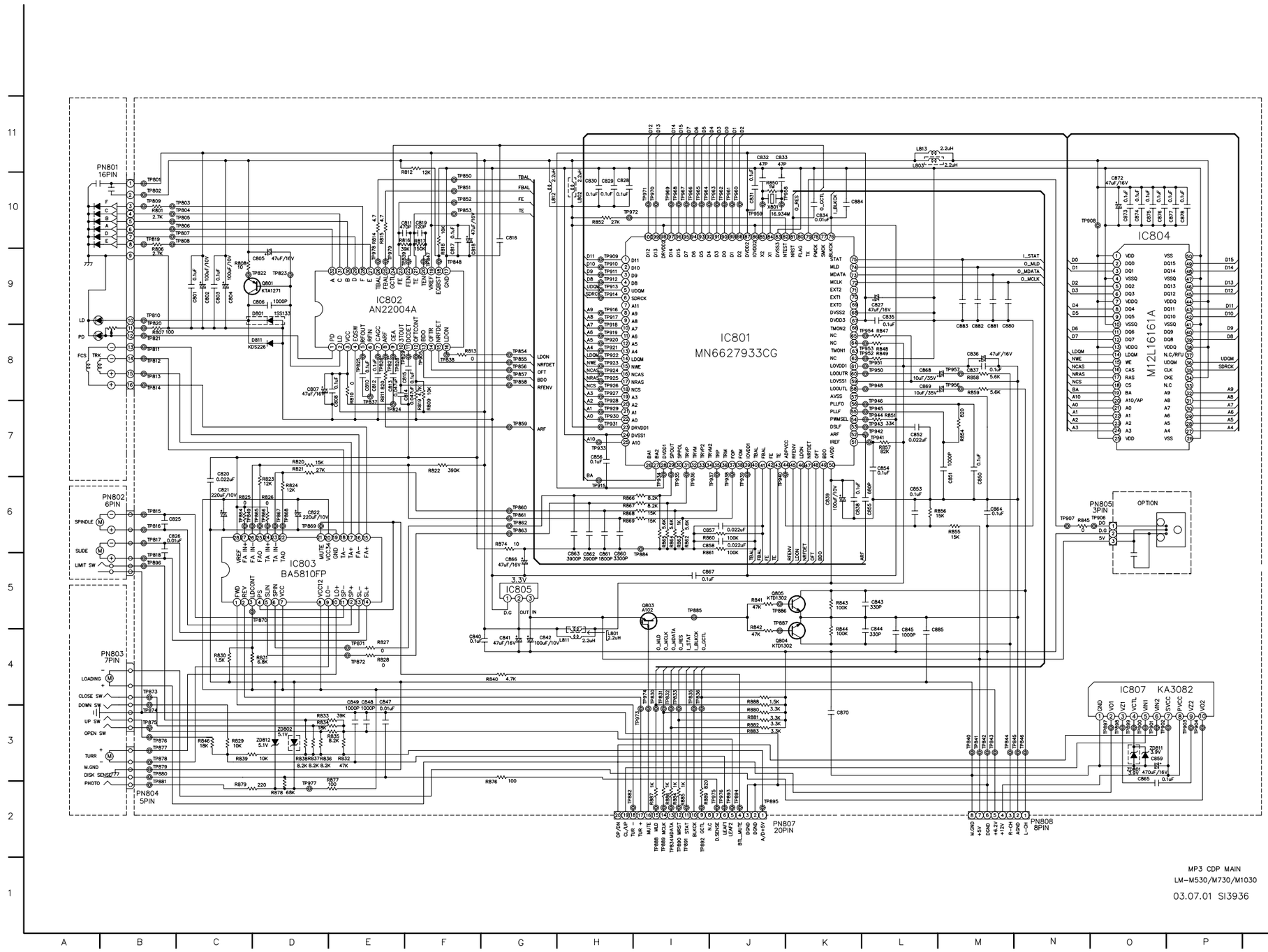
• DECK SCHEMATIC DIAGRAM



• FRONT SCHEMATIC DIAGRAM



• CDP SCHEMATIC DIAGRAM



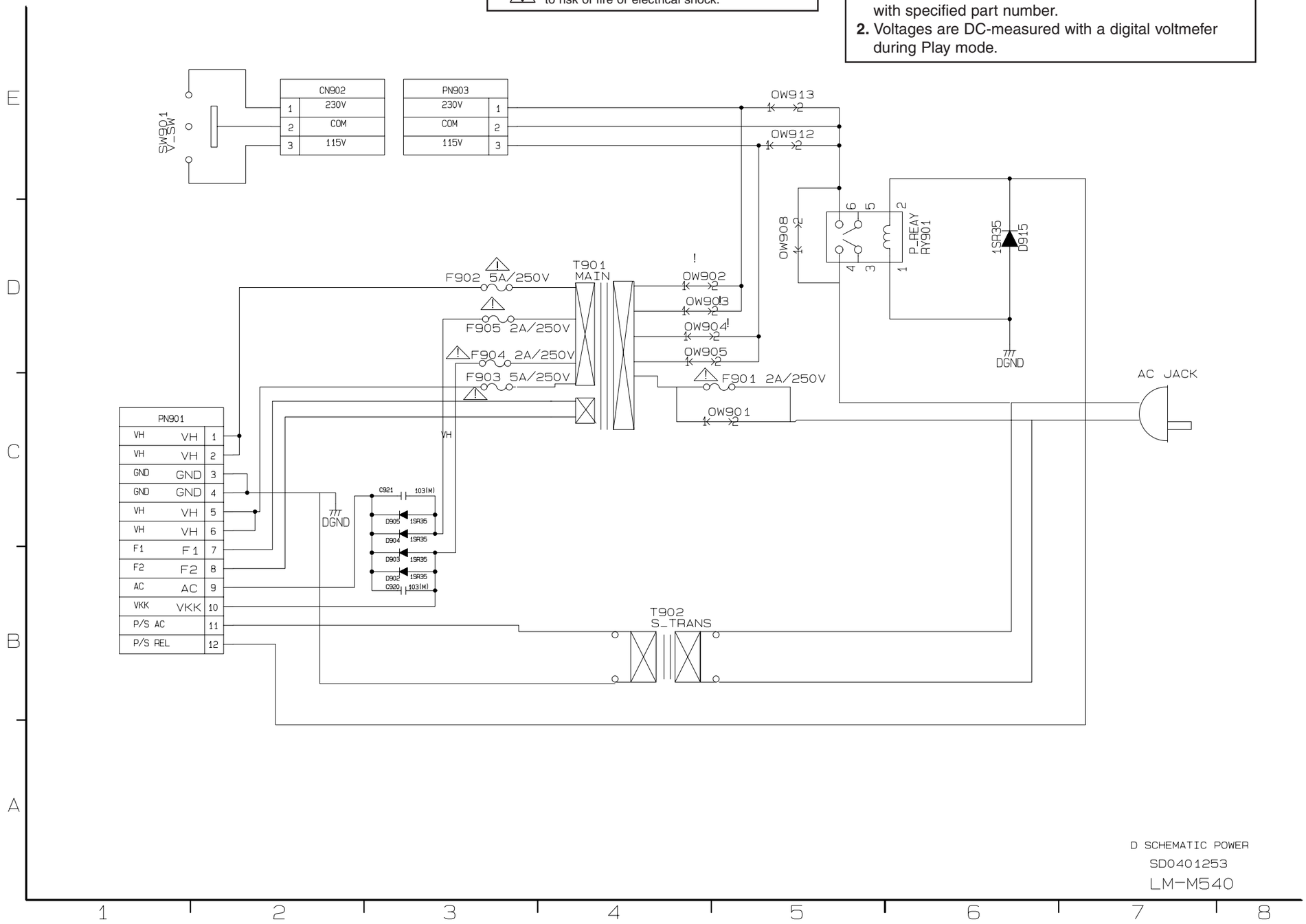
LOCATION GUIDE

C801	C9	R810	E7	TP828	F8	TP930	H7
C802	C9	R811	F7	TP829	F8	TP931	H7
C803	C9	R812	F10	TP830	I4	TP933	H7
C804	D9	R813	G8	TP831	I4	TP934	I6
C805	D9	R814	E10	TP832	I4	TP935	I6
C806	D9	R815	F10	TP833	I4	TP936	J6
C807	E8	R816	F10	TP834	I2	TP937	J6
C808	E7	R817	F10	TP835	J4	TP938	J6
C810	E8	R818	F9	TP836	J4	TP939	J6
C811	F10	R819	F7	TP837	E7	TP940	K6
C812	E8	R820	D7	TP838	F8	TP941	L7
C813	F8	R821	D7	TP839	F9	TP942	L7
C814	F8	R822	F7	TP840	M3	TP943	L7
C815	F8	R823	D6	TP841	M3	TP944	L7
C816	G10	R824	D6	TP842	M3	TP945	L7
C817	F9	R825	D6	TP843	N3	TP946	L7
C818	G9	R826	D6	TP844	N3	TP948	L8
C819	F10	R827	E4	TP845	N3	TP950	L8
C820	C7	R828	E4	TP846	N3	TP951	L8
C821	C6	R829	D3	TP847	F9	TP952	L8
C822	E6	R830	C4	TP848	F9	TP953	L8
C825	C6	R831	D4	TP849	D6	TP954	L8
C826	C6	R832	E3	TP850	F10	TP956	M8
C827	L9	R833	E3	TP851	F10	TP957	M8
C828	I10	R834	E3	TP852	F10	TP958	K10
C829	H10	R835	E3	TP853	F10	TP959	J10
C830	H10	R836	E3	TP854	G8	TP960	J10
C831	J10	R837	E3	TP855	G8	TP961	J10
C832	J11	R838	D3	TP856	G8	TP962	J10
C833	K11	R839	D3	TP857	G8	TP963	J10
C834	K10	R840	G4	TP858	G8	TP964	J10
C835	L9	R841	J5	TP859	G7	TP965	J10
C836	M8	R842	J5	TP860	G6	TP966	J10
C837	M8	R843	K5	TP861	G6	TP967	I10
C838	L6	R844	K4	TP862	G6	TP968	I10
C839	K6	R845	O6	TP863	G6	TP969	I10
C840	G4	R846	C3	TP864	D6	TP970	I10
C841	G4	R847	L8	TP865	D6	TP971	I10
C842	H4	R848	L8	TP866	D6	TP972	I10
C843	L5	R849	L8	TP867	D6	TP973	I3
C844	L4	R850	K10	TP868	D6	TP974	I4
C845	L4	R851	L7	TP869	D6	TP975	J2
C847	E4	R852	H10	TP870	D5	TP976	J2
C848	E4	R854	M7	TP871	E4	TP977	D2
C849	E4	R855	M6	TP872	E4	TP978	E9
C850	M6	R856	M6	TP873	B4	TP979	F9
C851	M6	R857	L7	TP874	B3	UDQM	H9
C852	L7	R858	M8	TP875	B3	UDQM	Q8
C853	L6	R859	M8	TP876	C3	XB01	K10
C854	L7	R860	J6	TP877	C3	ZD801	O3
C855	L6	R861	J5	TP878	C3	ZD802	D3
C856	H7	R862	J6	TP879	C3	ZD811	P3
C857	J6	R863	I6	TP880	C3	ZD812	D3
C858	J6	R864	I6	TP881	C2		
C859	P3	R865	I6	TP882	I2		
C860	I5	R866	I6	TP884	I5		
C861	H5	R867	I6	TP885	J5		
C862	H5	R868	I6	TP886	K5		
C863	H5	R869	I6	TP887	K5		
C864	M6	R874	G6	TP888	I2		
C865	O3	R876	G2	TP889	I2		
C866	G5	R877	E2	TP890	I2		
C867	J5	R878	D2	TP891	J2		
C868	M8	R879	D2	TP892	J2		
C869	M8	R880	J3	TP893	J2		
C870	K3	R881	J3	TP894	J2		
C872	O10	R882	J3	TP895	K2		
C873	O10	R883	J3	TP896	B5		
C874	O10	R884	I2	TP897	O3		
C875	P10	R885	I2	TP898	O3		
C876	P10	R886	I2	TP899	O3		
C877	P10	R887	I2	TP900	O3		
C878	P10	R888	J4	TP901	P3		
C880	N8	R889	J2	TP902	P3		
C881	M8	TP801	B10	TP903	P3		
C882	M8	TP802	B10	TP904	P3		
C883	M8	TP803	C10	TP905	F8		
C884	L10	TP804	C10	TP906	O6		
C885	M4	TP805	C10	TP907	N6		
IC801	J8	TP806	C10	TP908	O10		
IC802	E9	TP807	C10	TP909	H9		
IC803	D5	TP808	C10	TP910	H9		
IC804	O10	TP809	B10	TP911	H9		
IC805	G5	TP810	B9	TP912	H9		
IC807	O4	TP811	B8	TP913	H9		
PN801	B11	TP812	B8	TP914	H9		
PN802	B6	TP813	B8	TP915	H6		
PN803	B4	TP814	B8	TP916	H9		
PN804	B2	TP815	B6	TP917	H9		
PN805	O6	TP816	B6	TP918	H8		
PN807	K2	TP817	B6	TP919	H8		
PN808	N2	TP818	B5	TP920	H8		
Q801	D9	TP819	B10	TP921	H8		
Q803	I5	TP820	B8	TP922	H8		
Q804	K4	TP821	B8	TP923	H8		
Q805	K5	TP822	D9	TP924	H8		
R801	B10	TP823	D9	TP925	H8		
R806	B9	TP824	F7	TP926	H8		
R807	B8	TP825	E8	TP927	H8		
R808	D9	TP826	F8	TP928	H7		
R809	F7	TP827	F8	TP929	H7		

• POWER SCHEMATIC DIAGRAM

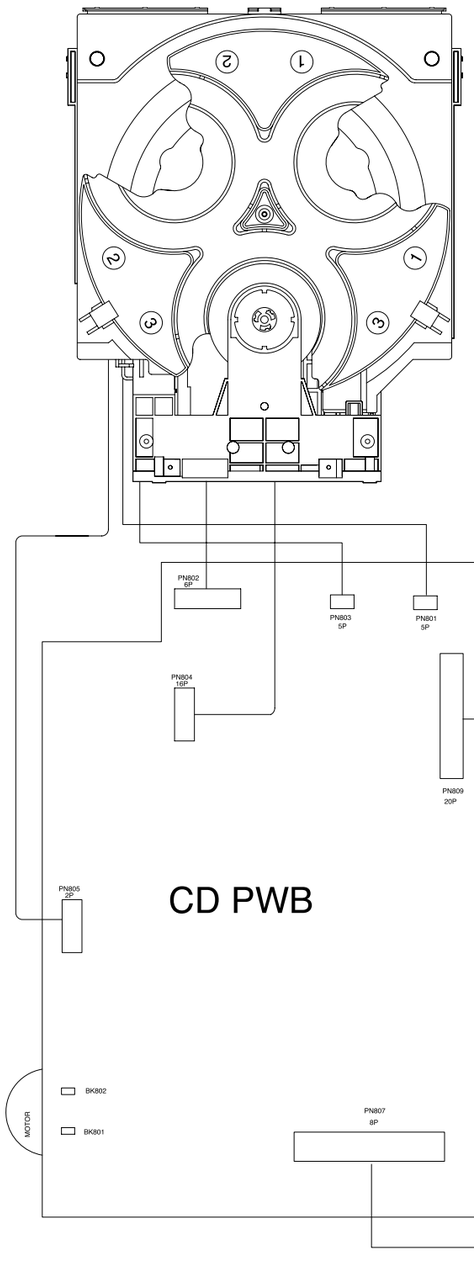
NOTE: Warning
⚠ Parts that are shaded are critical With respect to risk of fire or electrical shock.

NOTE:
1. Shaded(■) parts are critical for safety.Replace only with specified part number.
2. Voltages are DC-measured with a digital voltmefer during Play mode.

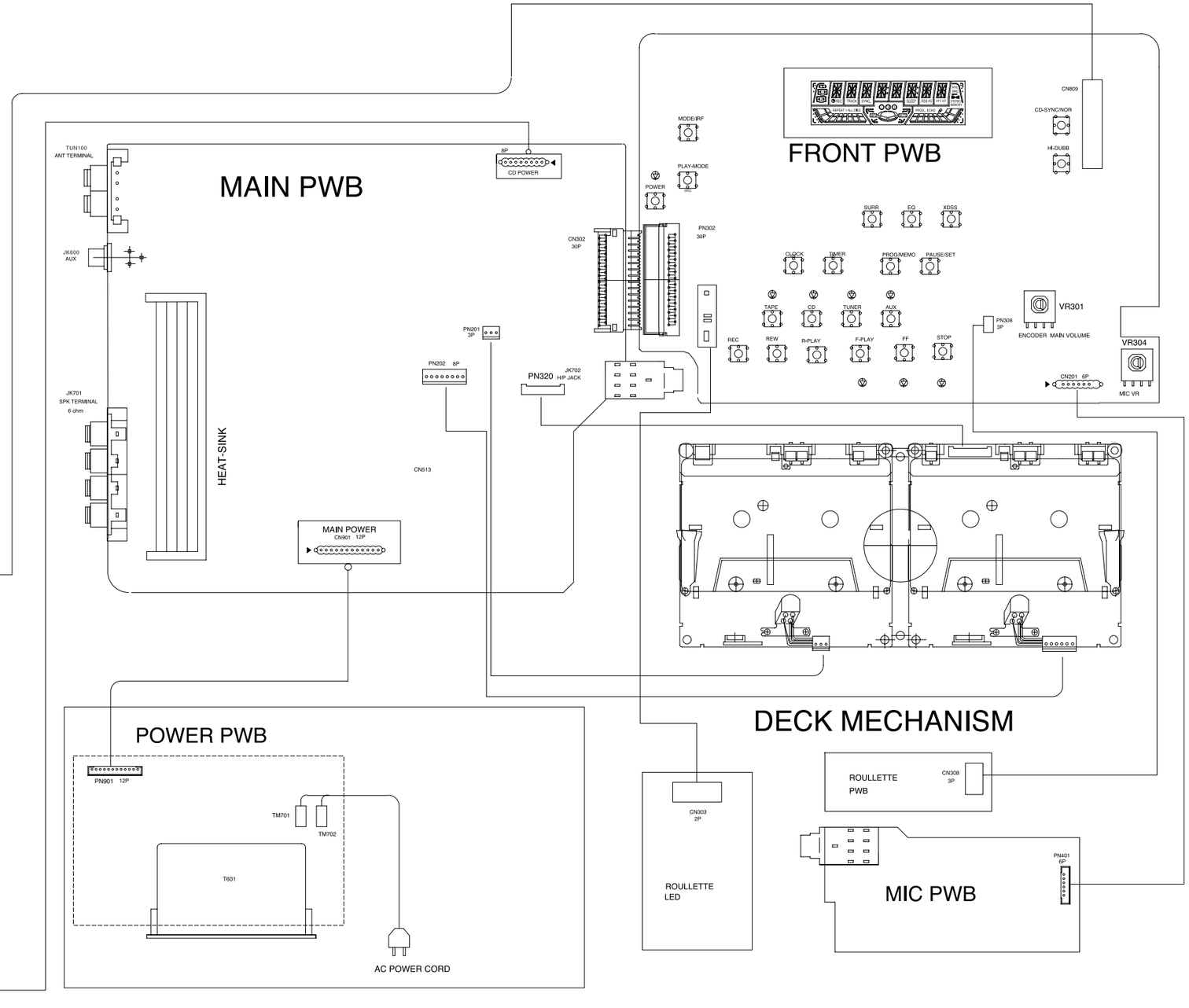


❑ WIRING DIAGRAM

3CD CHANGER MECHANISM ASSY

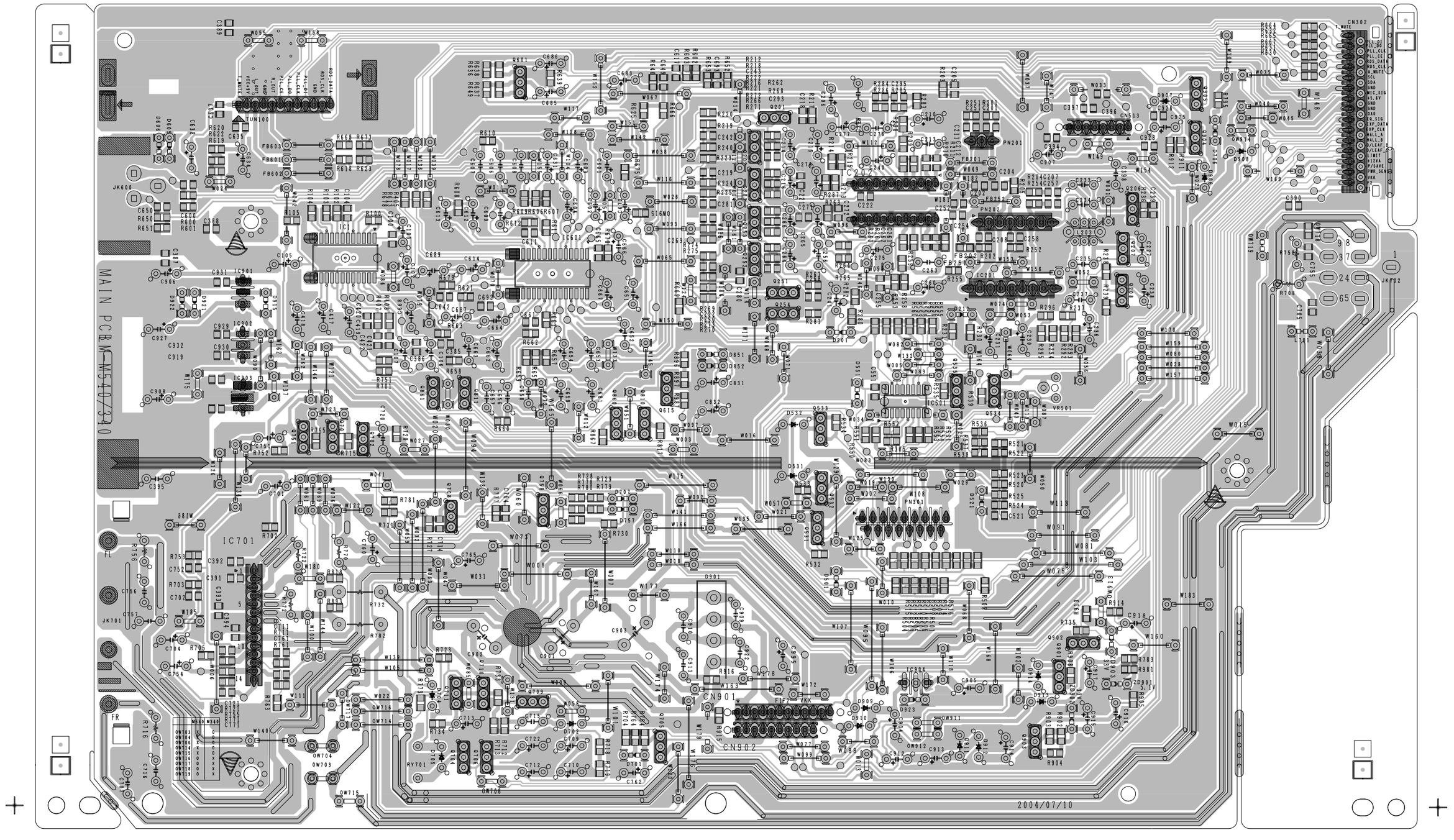


M340/540 WIRING DIAGRAM

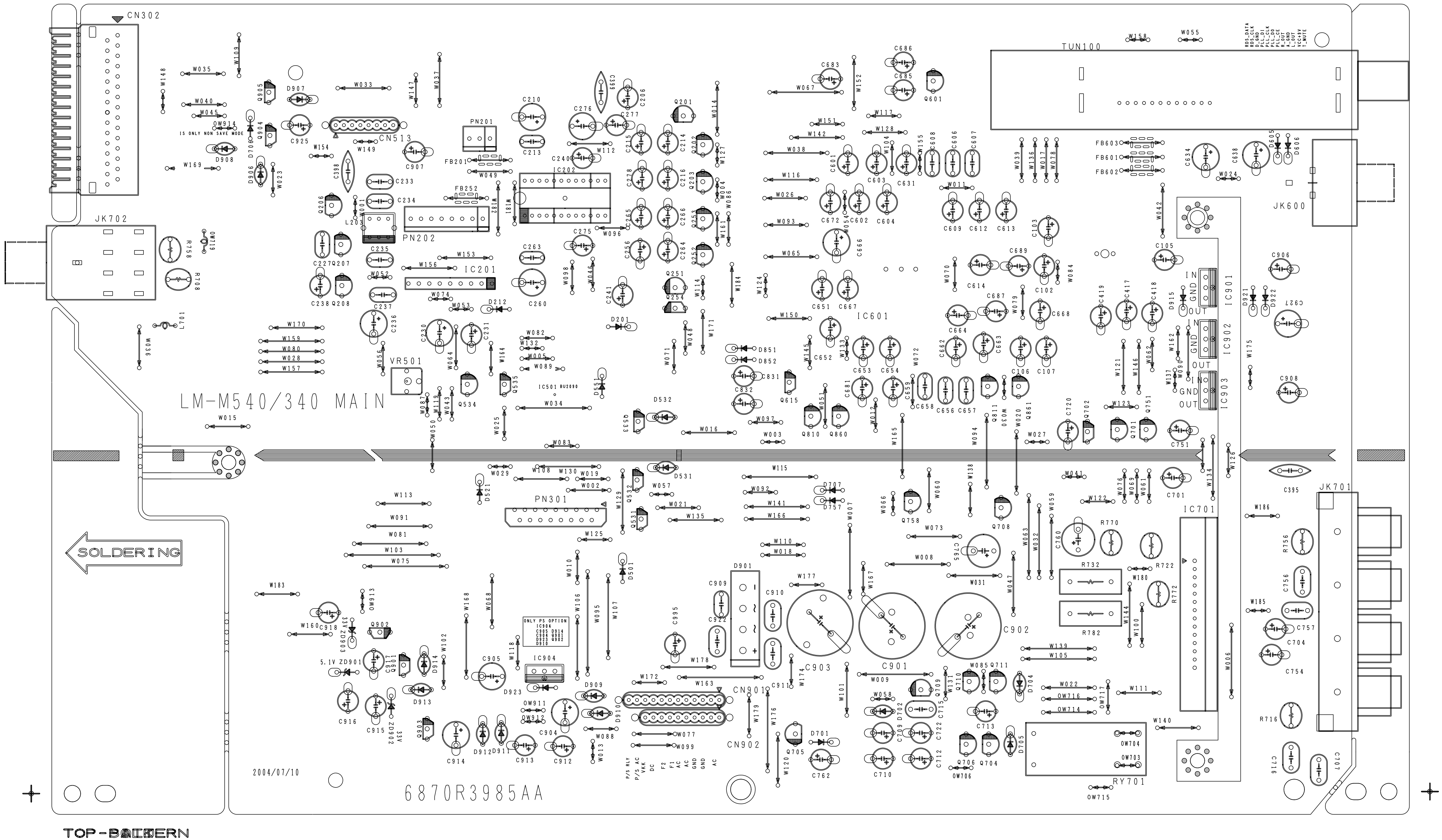


❑ PRINTED CIRCUIT DIAGRAMS

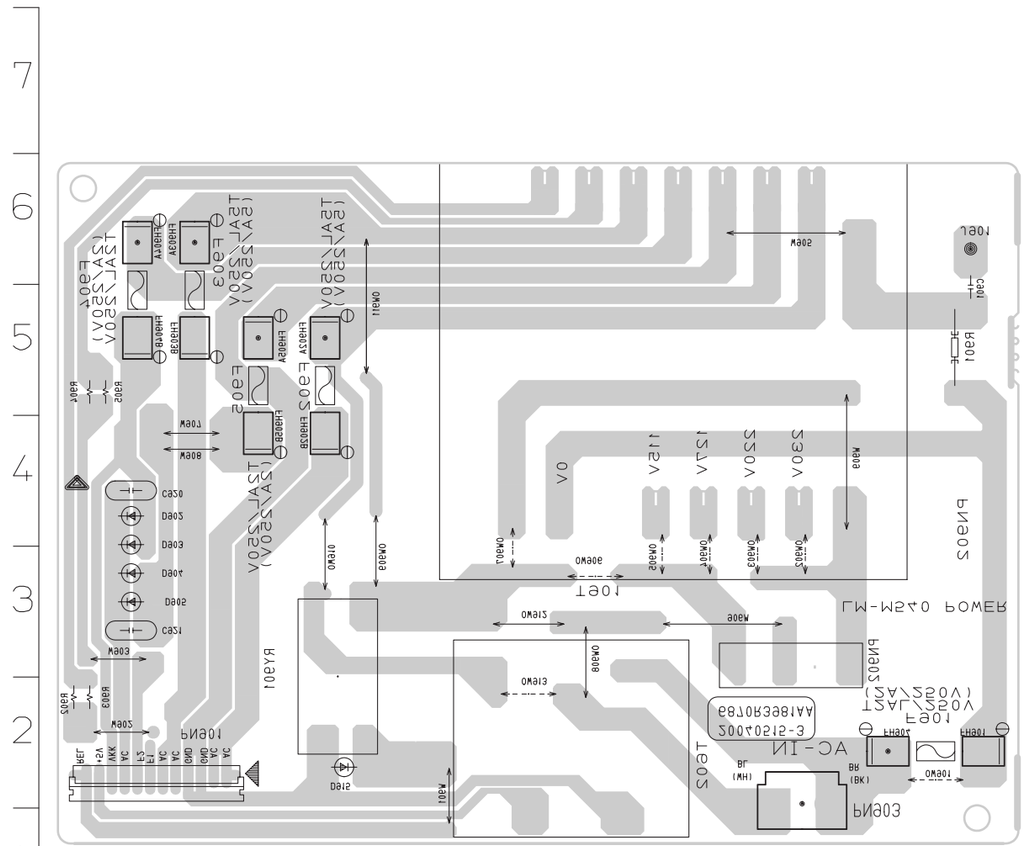
• MAIN P.C. BOARD (COMPONENT SIDE)



• MAIN P.C. BOARD (SOLDER SIDE)

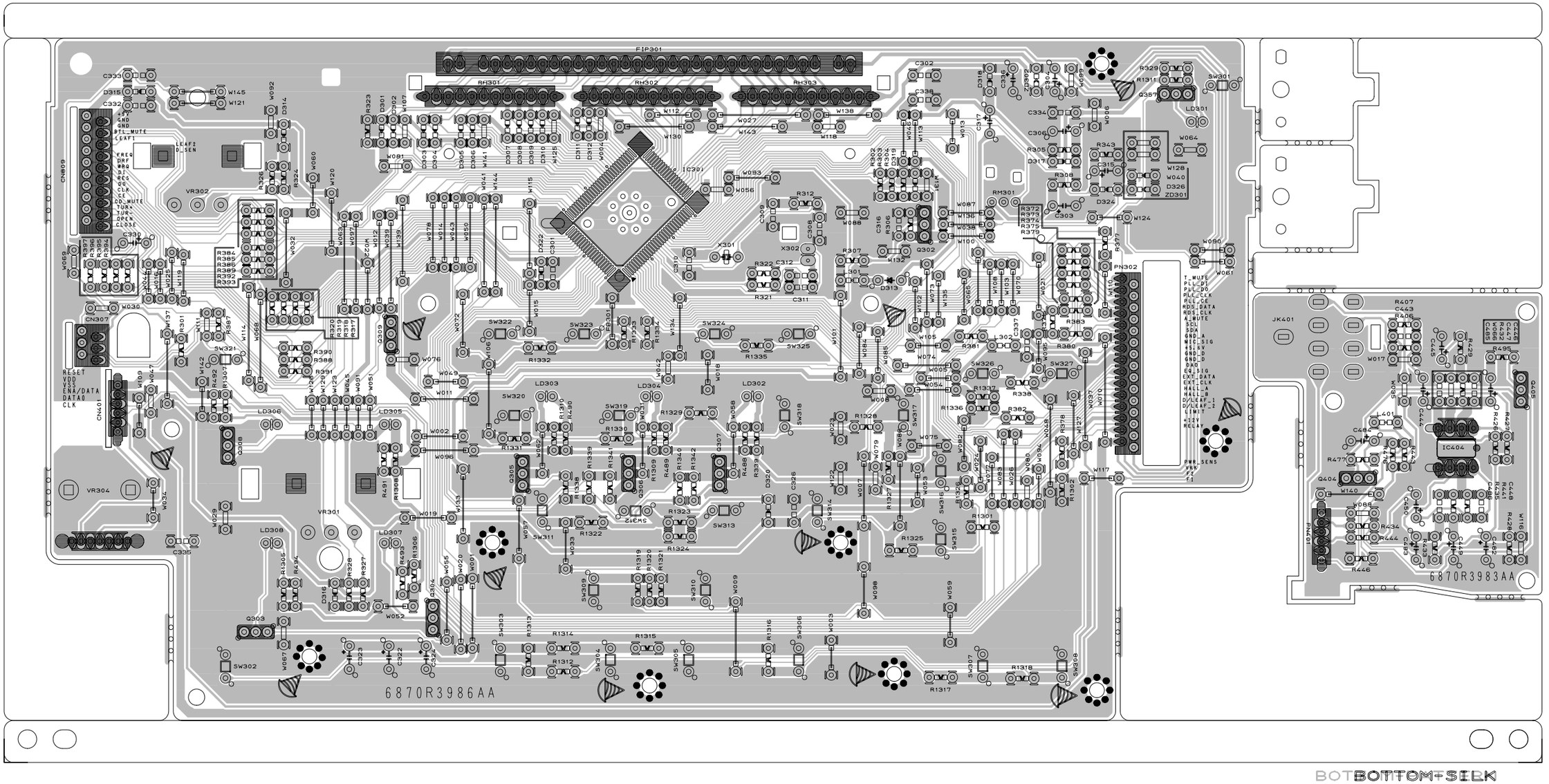


• FRONT P.C. BOARD

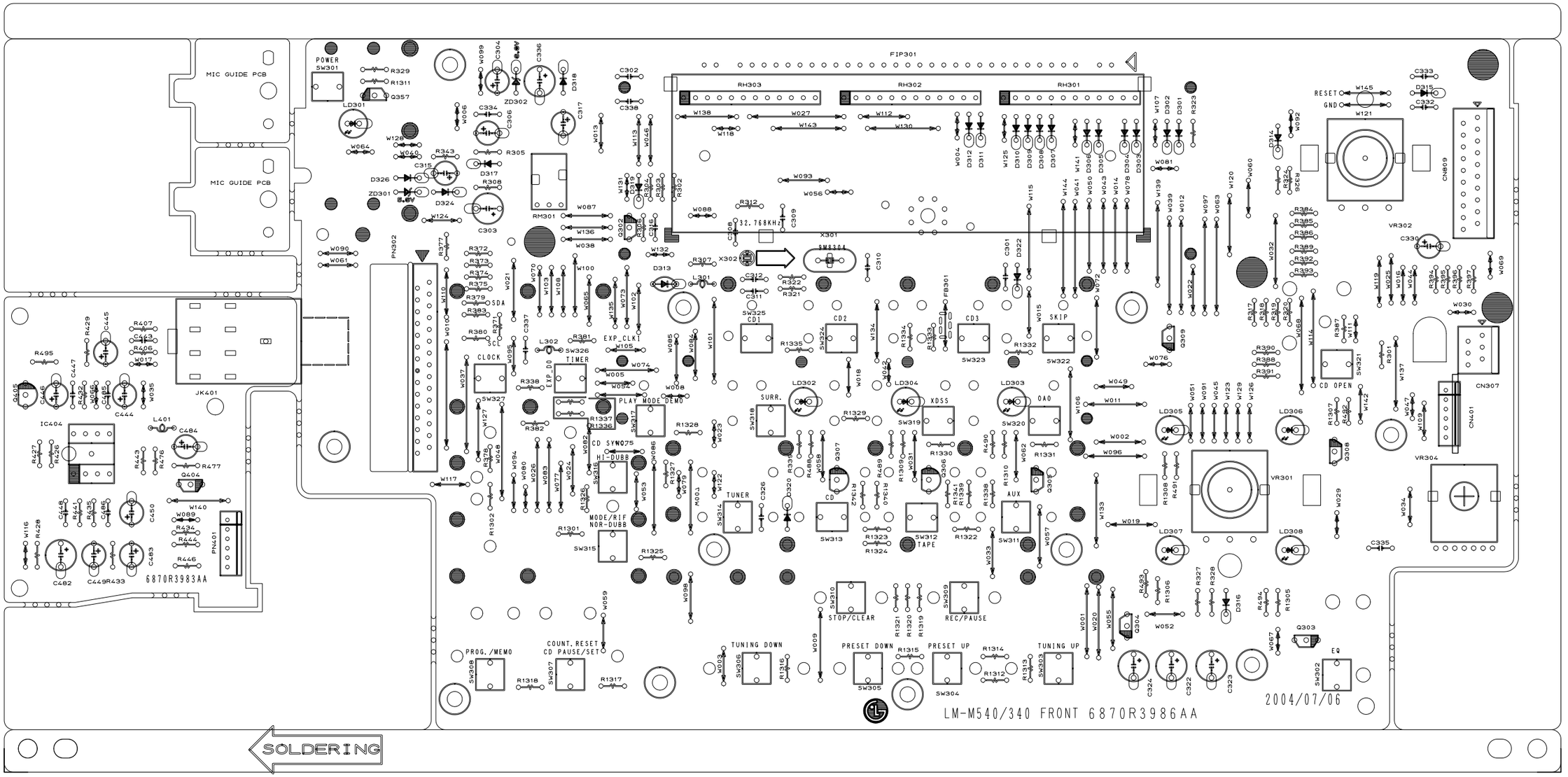


C901	G5
C920	A4
C921	A3
CN902	O2
D902	A4
D903	A4
D904	A3
D905	A3
D915	C2
FH901	H2
FH902A	C5
FH902B	C4
FH903A	B6
FH903B	B5
FH904	G2
FH904A	A6
FH904B	A5
FH905A	B5
FH905B	B4
J901	G6
OW901	G2
OW902	F3
OW903	F3
OW904	E3
OW905	E3
OW906	E3
OW907	D3
OW908	E3
OW909	C3
OW910	C3
OW911	C5
OW912	D3
OW913	D2
PN901	A2
PN902	F3
R901	G5
R902	A2
R903	A2
R904	A5
R905	A5
RY901	C3
SW901	P2

• POWER P.C. BOARD (COMPONENT SIDE)

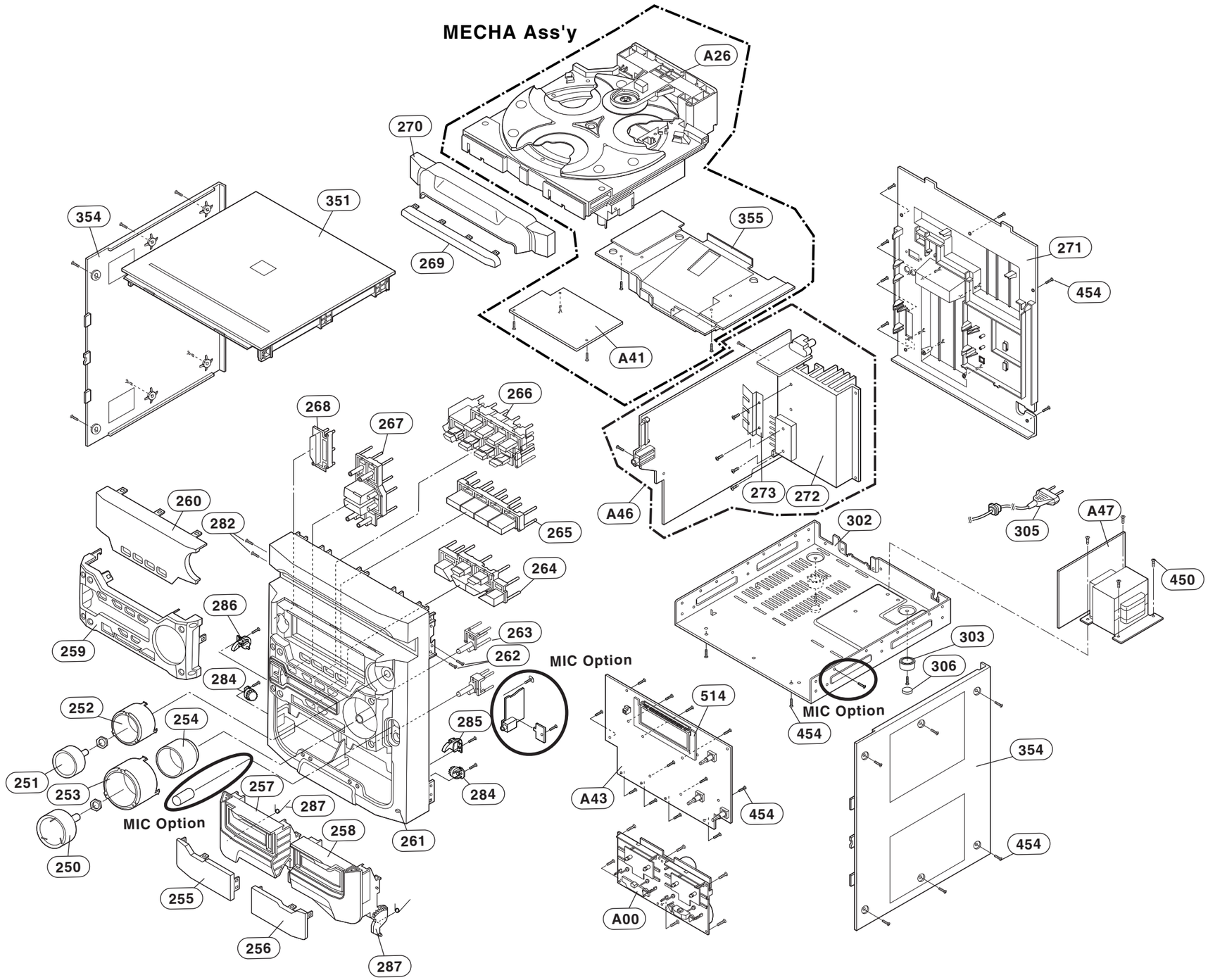


• POWER P.C. BOARD (SOLDER SIDE)

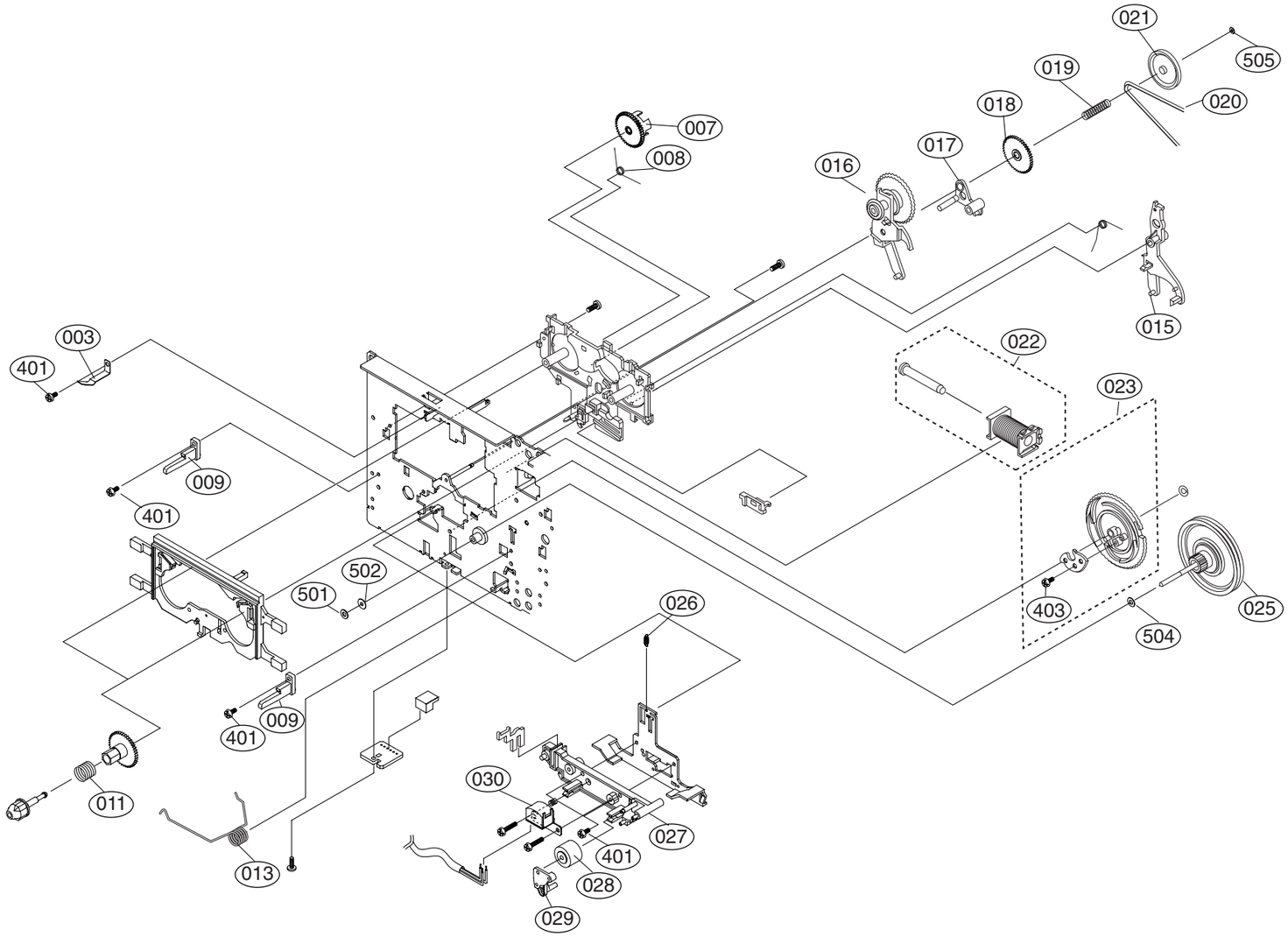


SECTION 3. EXPLODED VIEWS

• CABINET AND MAIN FRAME SECTION

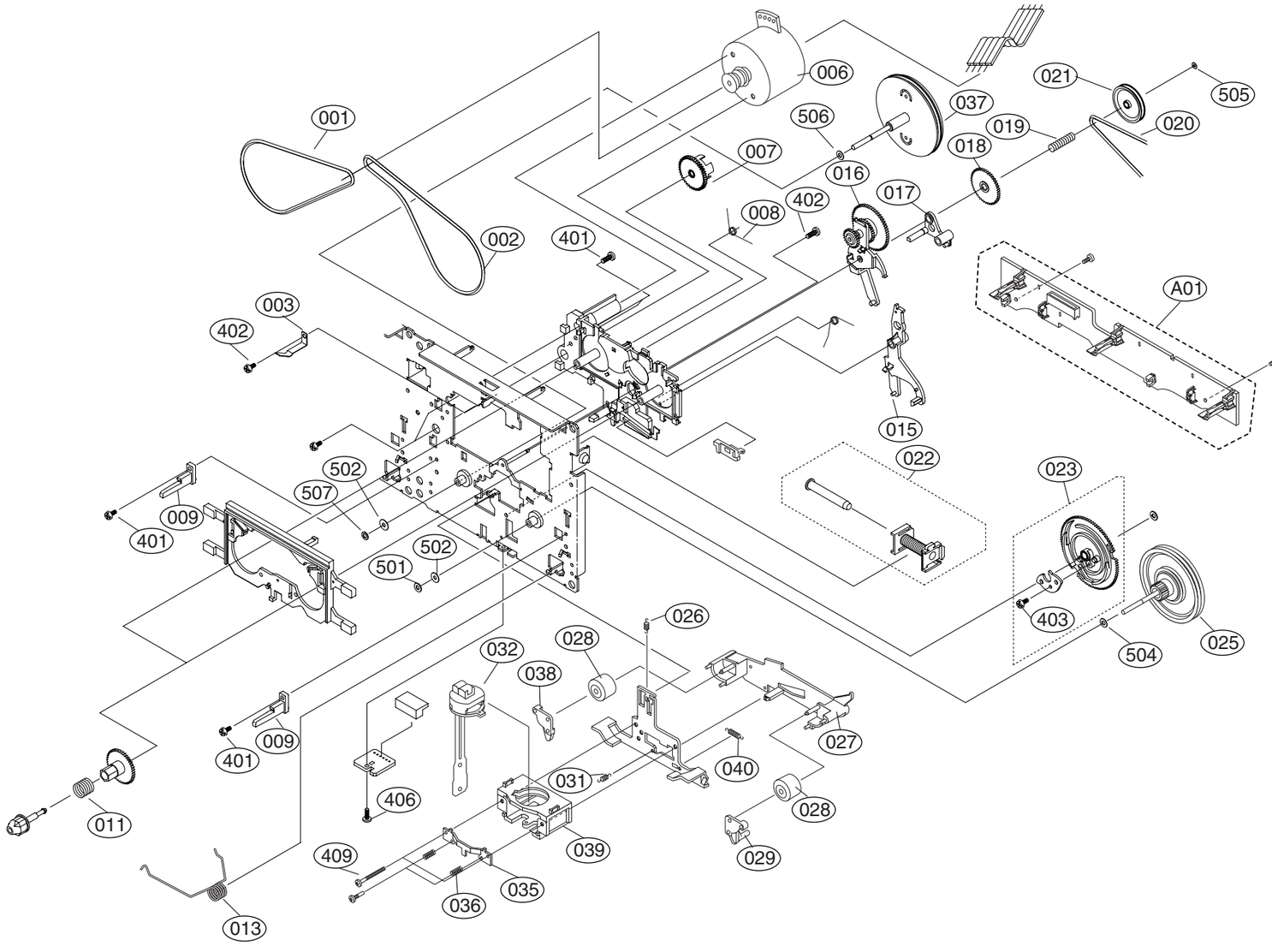


• TAPE DECK MECHANISM (A/R & A/S : LEFT A/S DECK)



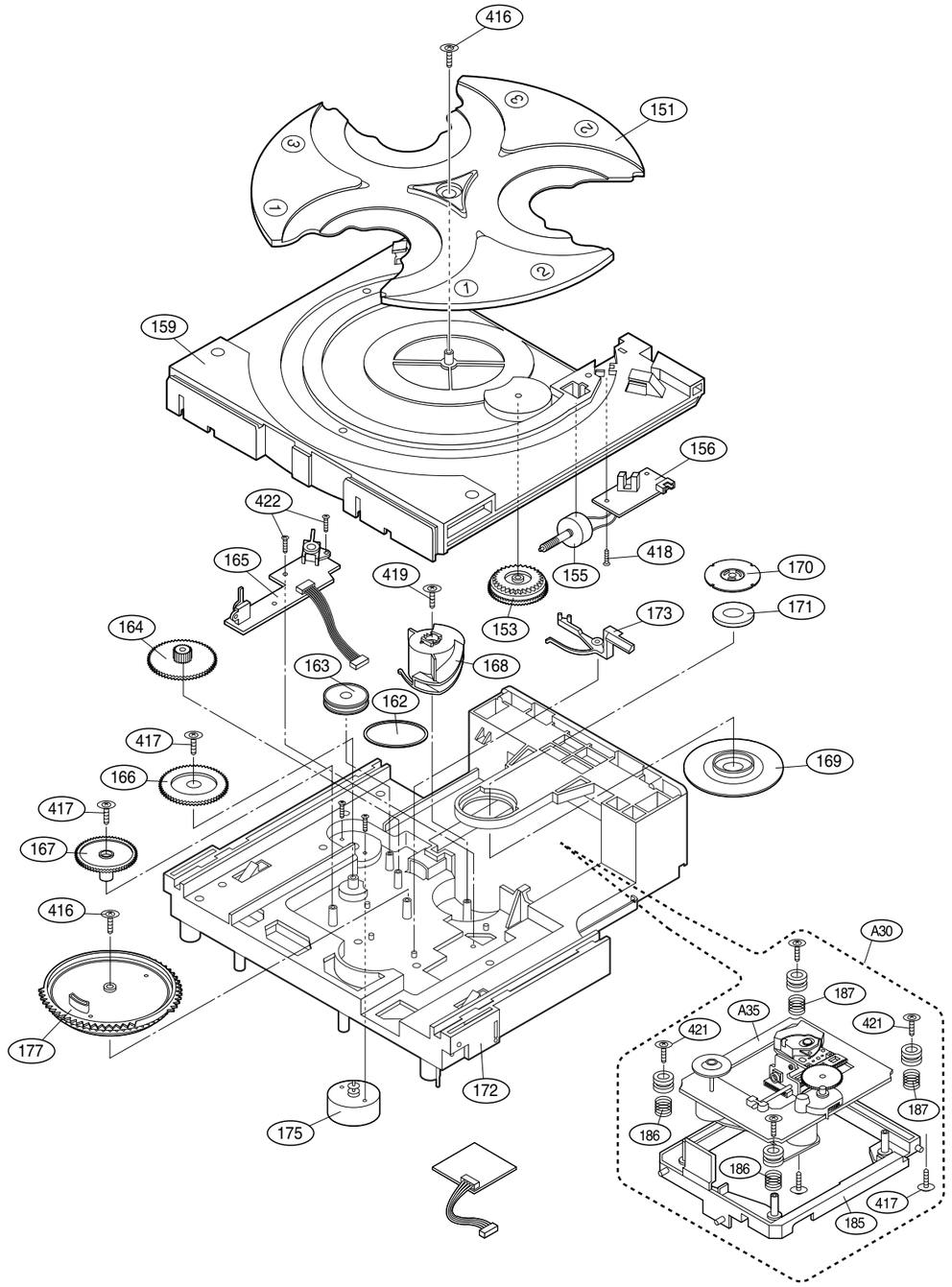
LOCA. NO.	LG PART NO.	DESCRIPTION	SPECIFICATION
A00	6720AG0002C	DECK,AUDIO	CWM42FR47 TOKYO PIGEON L-DOUBL
003	6768R-PP03A	DECK MECHANISM PARTS	33-160-4309 PIGEON PRESS CASSE
007	6768R-GP03B	DECK MECHANISM PARTS	50-222-4578 PIGEON GEAR IDLER
008	6768R-SP01F	DECK MECHANISM PARTS	01-082-4598 PIGEON SPRING CWL4
009	6768R-MP01C	DECK MECHANISM PARTS	50-219-4014 PIGEON MOLD CWL44
011	6768R-SP01A	DECK MECHANISM PARTS	01-081-4601 PIGEON SPRING CWL4
013	6768R-SP03A	DECK MECHANISM PARTS	01-082-4686 PIGEON SPRING CRM4
015	6768R-AP01A	DECK MECHANISM PARTS	50-268-3016 PIGEON ARM CWL44
016	6768R-GP01H	DECK MECHANISM PARTS	50-093-4503 PIGEON GEAR CRL442
017	6768R-AP01C	DECK MECHANISM PARTS	50-239-4072 PIGEON ARM CWL44
018	6768R-GP01J	DECK MECHANISM PARTS	50-222-4428 PIGEON GEAR CRL442
019	6768R-SP01P	DECK MECHANISM PARTS	01-081-4678 PIGEON SPRING CRL4
020	6768R-BP01C	DECK MECHANISM PARTS	02-083-4188 PIGEON BELT/FELT C
021	6768R-LP01C	DECK MECHANISM PARTS	50-223-4429 PIGEON PULLEY/FLYW
022	6768R-VP03A	DECK MECHANISM PARTS	50-093-4748 PIGEON SOLENOID AS
023	6768R-GP03A	DECK MECHANISM PARTS	50-093-4810 PIGEON GEAR ASSY C
025	6768R-JP03B	DECK MECHANISM PARTS	50-093-31009 PIGEON PULLEY/FLY
026	6768R-SP01D	DECK MECHANISM PARTS	01-080-4609 PIGEON SPRING CWL4
027	6768R-DP01A	DECK MECHANISM PARTS	50-259-3342 PIGEON LEVER CWL44
028	6768R-RP01A	DECK MECHANISM PARTS	22-027-41054 PIGEON ROLLER CWL
029	6768R-MP01A	DECK MECHANISM PARTS	50-219-4033 PIGEON MOLD CWL44
030	6768R-EP03C	DECK MECHANISM PARTS	T21V0P PIGEON HEAD CWM42FF30
401	6768R-CP01B	DECK MECHANISM PARTS	GSE20A2005 PIGEON SCREW CWL44
403	6768R-CP01D	DECK MECHANISM PARTS	GSL10A1704 PIGEON SCREW CWL44
501	6768R-WP03A	DECK MECHANISM PARTS	GWN19S035040 PIGEON WASHER CRM
502	6768R-WP03B	DECK MECHANISM PARTS	03-000-4532 PIGEON WASHER CRM4
504	6768R-WP01D	DECK MECHANISM PARTS	GWP21X045020 PIGEON WASHER CWL
505	6768R-WP01E	DECK MECHANISM PARTS	GWP12X030040S PIGEON WASHER CW

• TAPE DECK MECHANISM (A/R & A/S : RIGHT A/R DECK)



LOCA. NO.	LG PART NO.	DESCRIPTION	SPECIFICATION
A00	6720AG0002C	DECK,AUDIO	CWM42FR47 TOKYO PIGEON L-DOUBL
A01	6768R-UP03D	DECK MECHANISM PARTS	50-093-4895 PIGEON PWB UNIT CW
001	6768R-BP03D	DECK MECHANISM PARTS	02-083-4254 PIGEON BELT/FELT C
002	6768R-BP03E	DECK MECHANISM PARTS	02-083-4256 PIGEON BELT/FELT C
003	6768R-PP03A	DECK MECHANISM PARTS	33-160-4309 PIGEON PRESS CASSE
006	6768R-QP03C	DECK MECHANISM PARTS	50-093-4880 PIGEON MOTOR(ASSY)
007	6768R-GP03B	DECK MECHANISM PARTS	50-222-4578 PIGEON GEAR IDLER
008	6768R-SP01F	DECK MECHANISM PARTS	01-082-4598 PIGEON SPRING CWL4
009	6768R-MP01C	DECK MECHANISM PARTS	50-219-4014 PIGEON MOLD CWL44
011	6768R-SP01A	DECK MECHANISM PARTS	01-081-4601 PIGEON SPRING CWL4
013	6768R-SP03A	DECK MECHANISM PARTS	01-082-4686 PIGEON SPRING CRM4
015	6768R-AP01A	DECK MECHANISM PARTS	50-268-3016 PIGEON ARM CWL44
016	6768R-GP01H	DECK MECHANISM PARTS	50-093-4503 PIGEON GEAR CRL442
017	6768R-AP01C	DECK MECHANISM PARTS	50-239-4072 PIGEON ARM CWL44
018	6768R-GP01J	DECK MECHANISM PARTS	50-222-4428 PIGEON GEAR CRL442
019	6768R-SP01P	DECK MECHANISM PARTS	01-081-4678 PIGEON SPRING CRL4
020	6768R-BP01C	DECK MECHANISM PARTS	02-083-4188 PIGEON BELT/FELT C
021	6768R-LP01C	DECK MECHANISM PARTS	50-223-4429 PIGEON PULLEY/FLYW
022	6768R-VP03A	DECK MECHANISM PARTS	50-093-4748 PIGEON SOLENOID AS
023	6768R-GP03A	DECK MECHANISM PARTS	50-093-4810 PIGEON GEAR ASSY C
025	6768R-JP03B	DECK MECHANISM PARTS	50-093-31009 PIGEON PULLEY/FLY
026	6768R-SP01D	DECK MECHANISM PARTS	01-080-4609 PIGEON SPRING CWL4
027	6768R-DP01A	DECK MECHANISM PARTS	50-259-3342 PIGEON LEVER CWL44
028	6768R-RP01A	DECK MECHANISM PARTS	22-027-41054 PIGEON ROLLER CWL
029	6768R-MP01A	DECK MECHANISM PARTS	50-219-4033 PIGEON MOLD CWL44
031	6768R-SP04A	DECK MECHANISM PARTS	01-082-4731 PIGEON SPRING
032	6768R-EP04A	DECK MECHANISM PARTS	50-093-41007 PIGEON HEAD ASSY
035	6768R-PP04A	DECK MECHANISM PARTS	50-119-4915 PIGEON PRESS
036	6768R-SP04B	DECK MECHANISM PARTS	01-081-4730 PIGEON SPRING
037	6768R-JP03A	DECK MECHANISM PARTS	50-093-4674 PIGEON PULLEY/FLYW
038	6768R-MP01D	DECK MECHANISM PARTS	50-219-4034 PIGEON MOLD CWL44
039	6768R-MP02A	DECK MECHANISM PARTS	50-219-3900 PIGEON MOLD
040	6768R-SP01M	DECK MECHANISM PARTS	01-080-4607 PIGEON SPRING CWL4
401	6768R-CP01B	DECK MECHANISM PARTS	GSE20A2005 PIGEON SCREW CWL44
402	6768R-CP01A	DECK MECHANISM PARTS	GSE10A2003 PIGEON SCREW CWL44
403	6768R-CP01D	DECK MECHANISM PARTS	GSL10A1704 PIGEON SCREW CWL44
406	6768R-CP01G	DECK MECHANISM PARTS	GSE20A2004 PIGEON SCREW CWL44
409	6768R-CP02A	DECK MECHANISM PARTS	GSD10A2016 PIGEON SCREW
501	6768R-WP03A	DECK MECHANISM PARTS	GWN19S035040 PIGEON WASHER CRM
502	6768R-WP03B	DECK MECHANISM PARTS	03-000-4532 PIGEON WASHER CRM4
504	6768R-WP01D	DECK MECHANISM PARTS	GWP21X045020 PIGEON WASHER CWL
505	6768R-WP01E	DECK MECHANISM PARTS	GWP12X030040S PIGEON WASHER CW
506	6768R-WP01H	DECK MECHANISM PARTS	GWP23X040020 PIGEON WASHER CWL
507	6768R-WP01F	DECK MECHANISM PARTS	GWN21X040040 PIGEON WASHER CWL

• CD MECHANISM



LOCA.NO.	PART NO	DESCRIPTION	SPECIFICATION
A26	4405RBE004C	MECHANISM ASSEMBLY	CDM-H1503 3 CD CHANGER
A30	3041RB0002C	BASE ASSEMBLY	PU(SPRING DAMPER)
A35	6717RCA001A	PICK UP ASSY	KSM-213VSCM SONY FRONT LOADING
151	3390RB0002A	TRAY	DISC(CDM-H1503)
153	4470RB0005A	GEAR	TRAY (CDM-H1503)
155	4681RBA001A	MOTOR ASSEMBLY	TRAY (CDM-H1503)
156	6871RF9211A	PWB(PCB) ASSEMBLY,FRONT	1503 T/D SENSOR
159	3390RB0001A	TRAY	LOADING(CDM-H1503)
162	4400SB0001A	BELT	MAIN(CDM-H1303)
163	4470SB0003A	GEAR	PULLEY (CDM-H1303)
164	4470RB0003A	GEAR	LOADING (CDM-H1503)
165	6871RZ7036A	PWB(PCB) ASSEMBLY,OTHERS	CDM-H1503 UP/DW/OP/CL
166	4470RB0006A	GEAR	PU UP (CDM-H1503)
167	4470RB0007A	GEAR	PU DOWN (CDM-H1503)
168	4470RB0002A	GEAR	CAM (CDM-H1503)
169	4860SB0001A	CLAMP	DISC(CDM-H1303)
170	3550SB0001A	COVER	MAGNET(CDM-H1303)
171	524-012AAAA	COVER	CLAMP MAGNET (030X018X5T)
172	3040RB0005A	BASE	MAIN (CDM-H1503)
173	4510RB0001A	LEVER	S/W CLOSE
175	4680SBP001A	MOTOR(MECH)	OTHER . . .
177	4470RB0001A	GEAR	MAIN (CDM-H1503)
184	4900RB0001A	DAMPER	RUBBER 3CD CHANGER
185	3040SB0003A	BASE	PU(CDM-H1303)
186	4970RB0001A	SPRING	COIL 3 CD CHANGER
187	4970RB0001B	SPRING	COIL 50 3CD CHANGER
416	88H-0004	CD MECHA PARTS	3X12X12FNM
417	88H-0002	CD MECHA PARTS	3X9X12FZMY
418	353-025BAAA	SCREW	#NAME?
419	88H-0003	CD MECHA PARTS	3X12X10FZMY
420	353S353F	SCREW	#NAME?
421	6756SBX001A	CD MECHANISM PARTS	SCREW 2.6X10X10XFZMY CDM-H813
422	353-028H	SCREW	#NAME?

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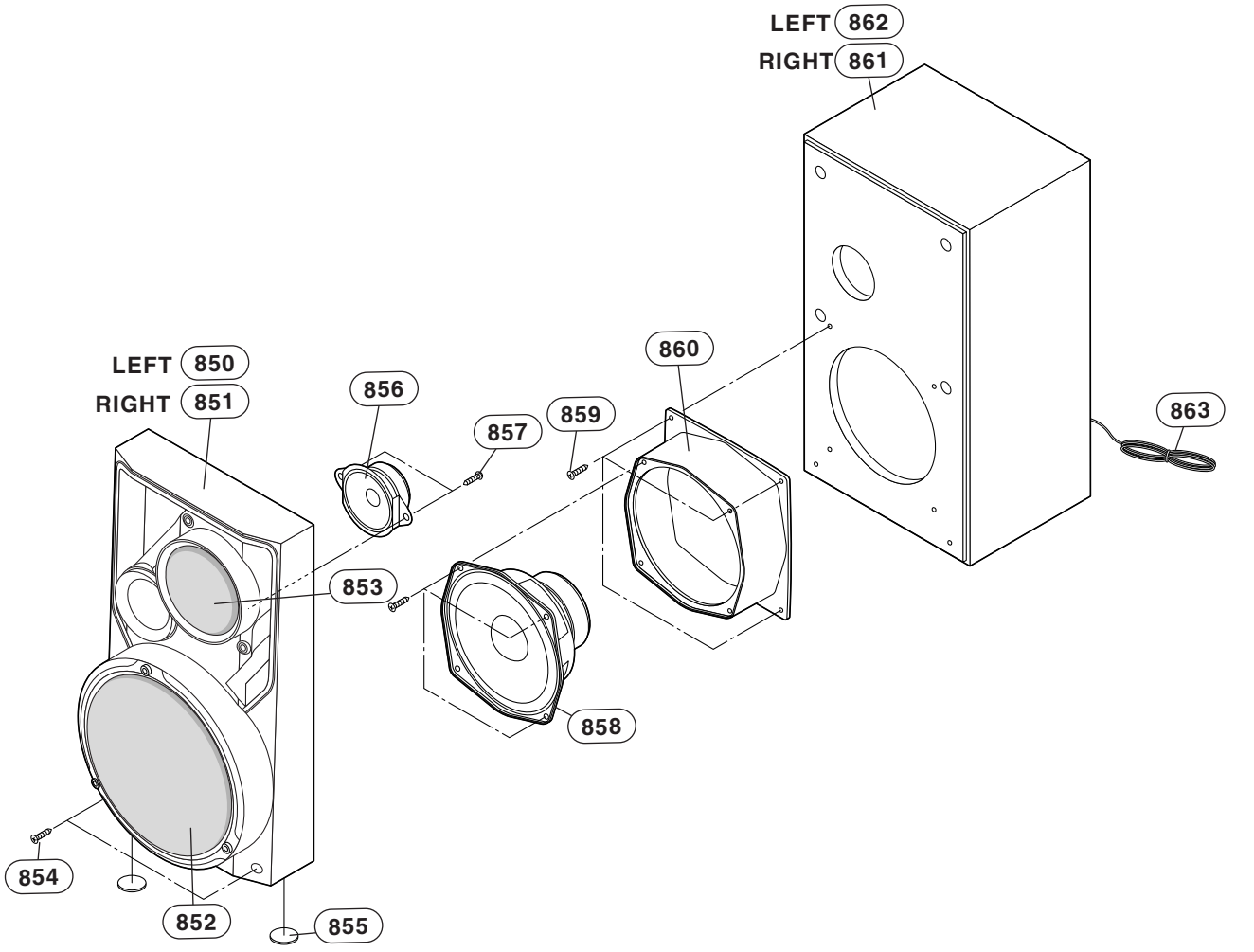
SECTION 4. SPEAKER SECTION

❑ MODEL: LMS-M540



LOCA.NO	PART NO.	DESCRIPTION	SPECIFICATION	
850	3720RMF104A	PANEL,FRONT	SPK LMS-M540 MOLD FRONT PANEL	
851	3720RMF111A	PANEL,FRONT	SPK LMS-M540 MOLD PANEL FRONT	
852	3530RMM019A	GRILLE	LMS-M540 PRESS METAL GRILLE WF	
853	3530RMM020A	GRILLE	LMS-M540 PRESS METAL GRILLE 1.	
854	353M050M	SCREW,DRAWING	+ 2 D3.5 L10.0 MSWR3/FZY	
855	3610RM0005A	FOOT	EVA PHI 20 X 2T FE-986/886E ST	
856	6400TETA03A	SPEAKER,TWEETER	05N45EHC3489C EAW TWEETER(CONE	
857	353M025F	SCREW,DRAWING	TAPTITE, 3X8 FZMY	
858	6400WETH01A	SPEAKER,WOOFER	13G32B-LG01 EAW WOOFER 6OHM 50	
859	353M050C	SCREW,DRAWING	BH 3.5X16 FBK	
860	4350RM0015A	RING	SPK LMS-M540 MOLD WOOFER RING	
861	3091RMW117A	CABINET ASSEMBLY	SPK LMS-M540 CABINET ASSY PB 9	
862	3091RMW117B	CABINET ASSEMBLY	SPK LMS-M540 CABINET ASSY PB 9	
863	6871RU0044A	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	LMS-M540 STANDARD 2.2MF + 2 OH	

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