

JVC

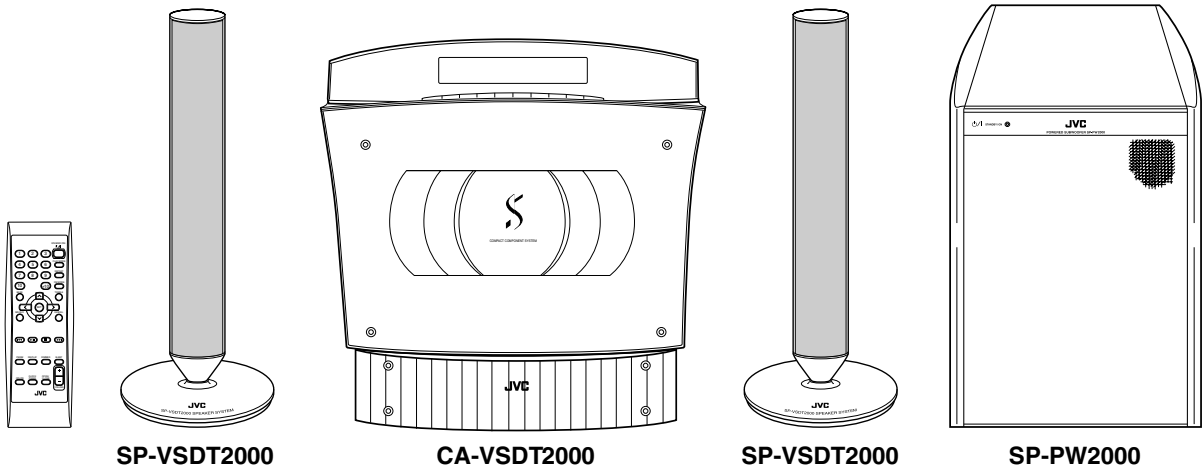
SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

VS-DT2000

CD-ROM No.SML200207

Area suffix
US ----- Singapore
UW ----- Brazil,Mexico,Peru



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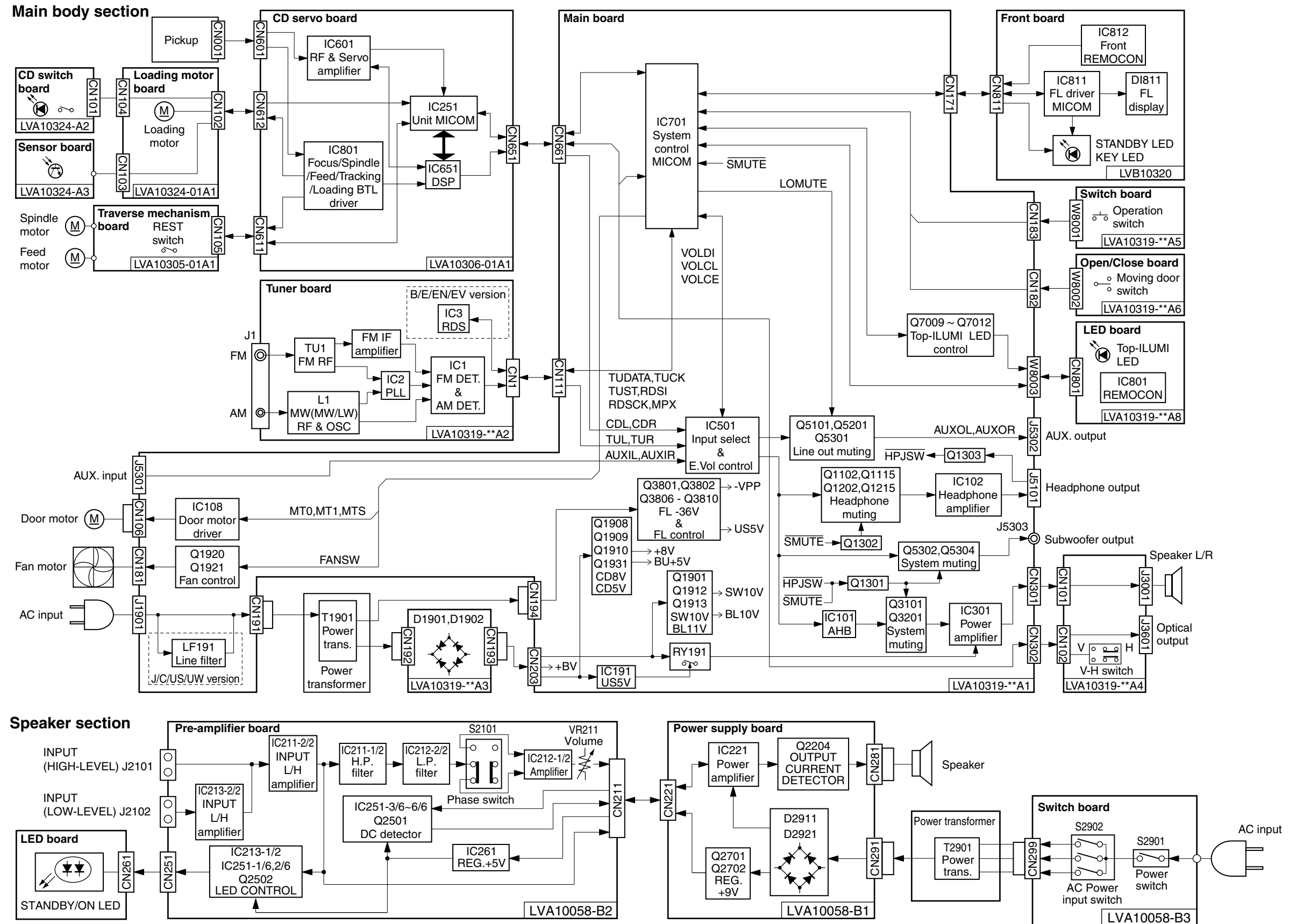
VS-DT2000

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (▬) and ICP (●) or identified by the "△" mark nearby are critical for safety.

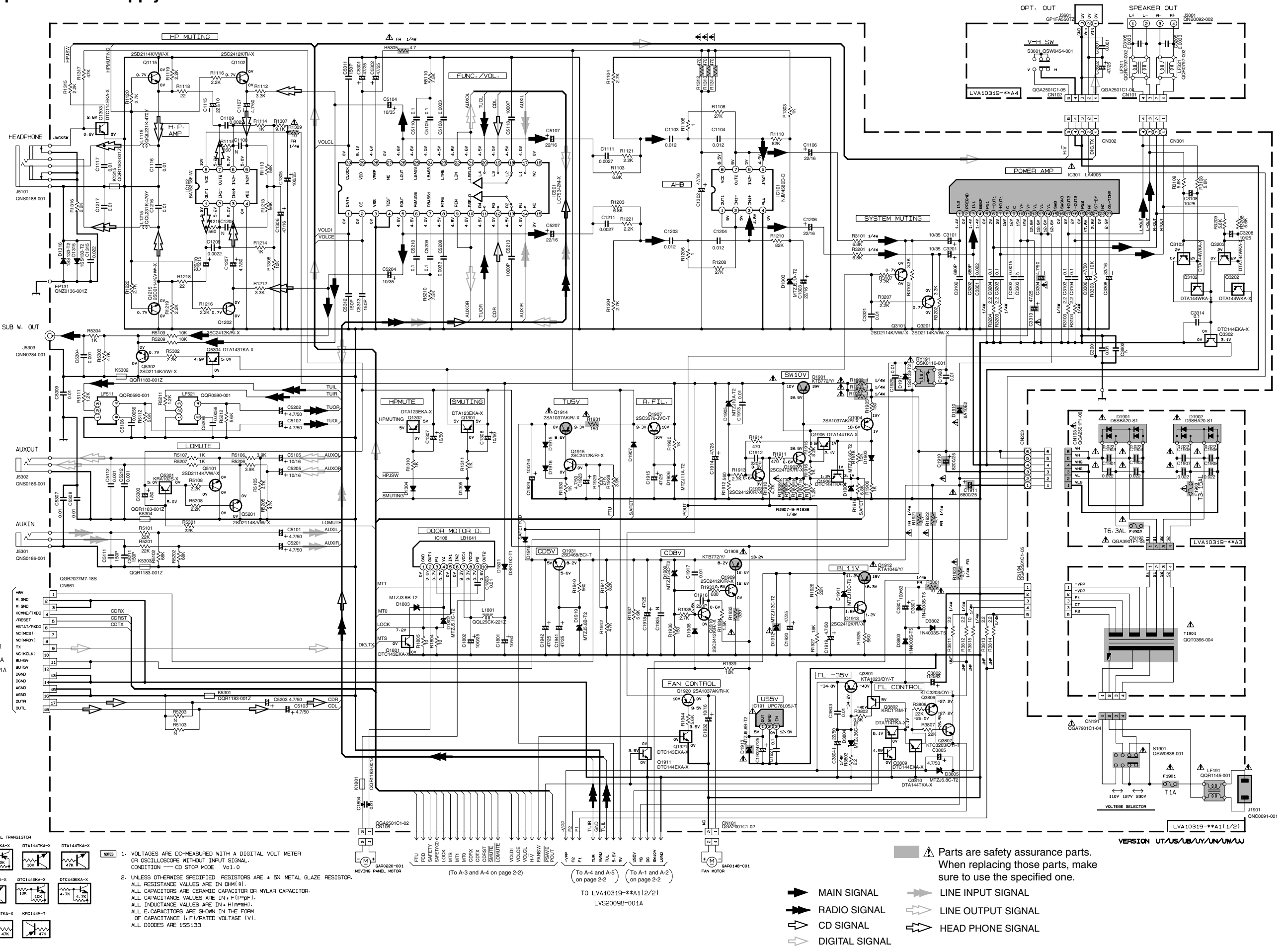
(This regulation does not correspond to J and C version.)

Block diagram

■ Main body/Speaker section

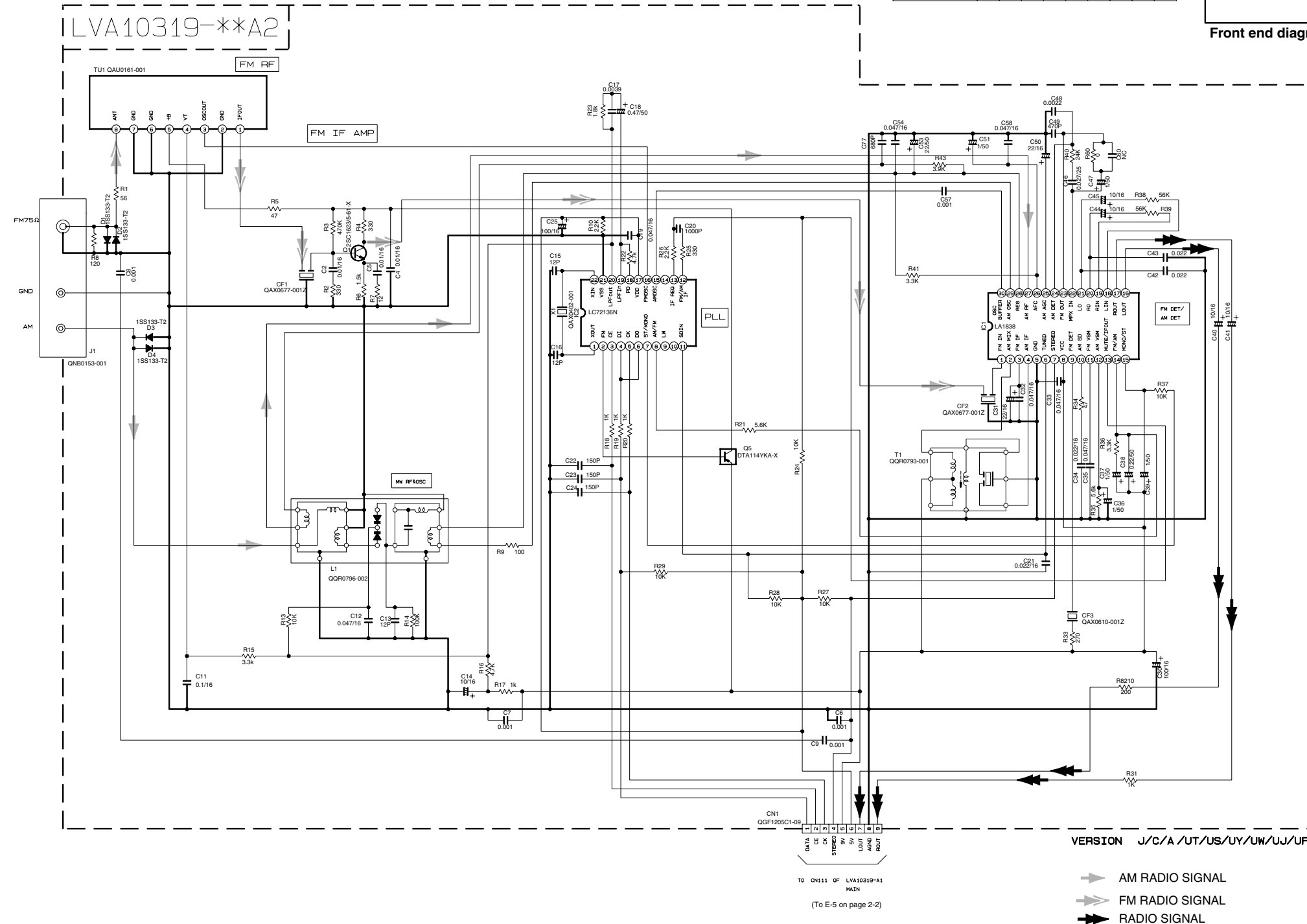
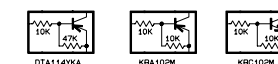
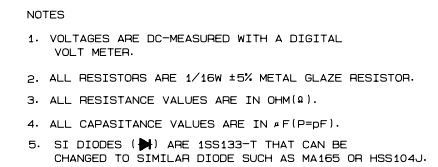
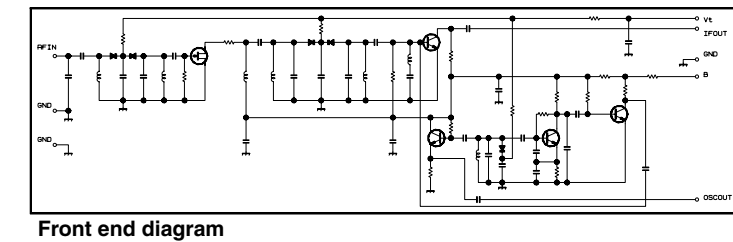


■ Power amplifier/Power supply section



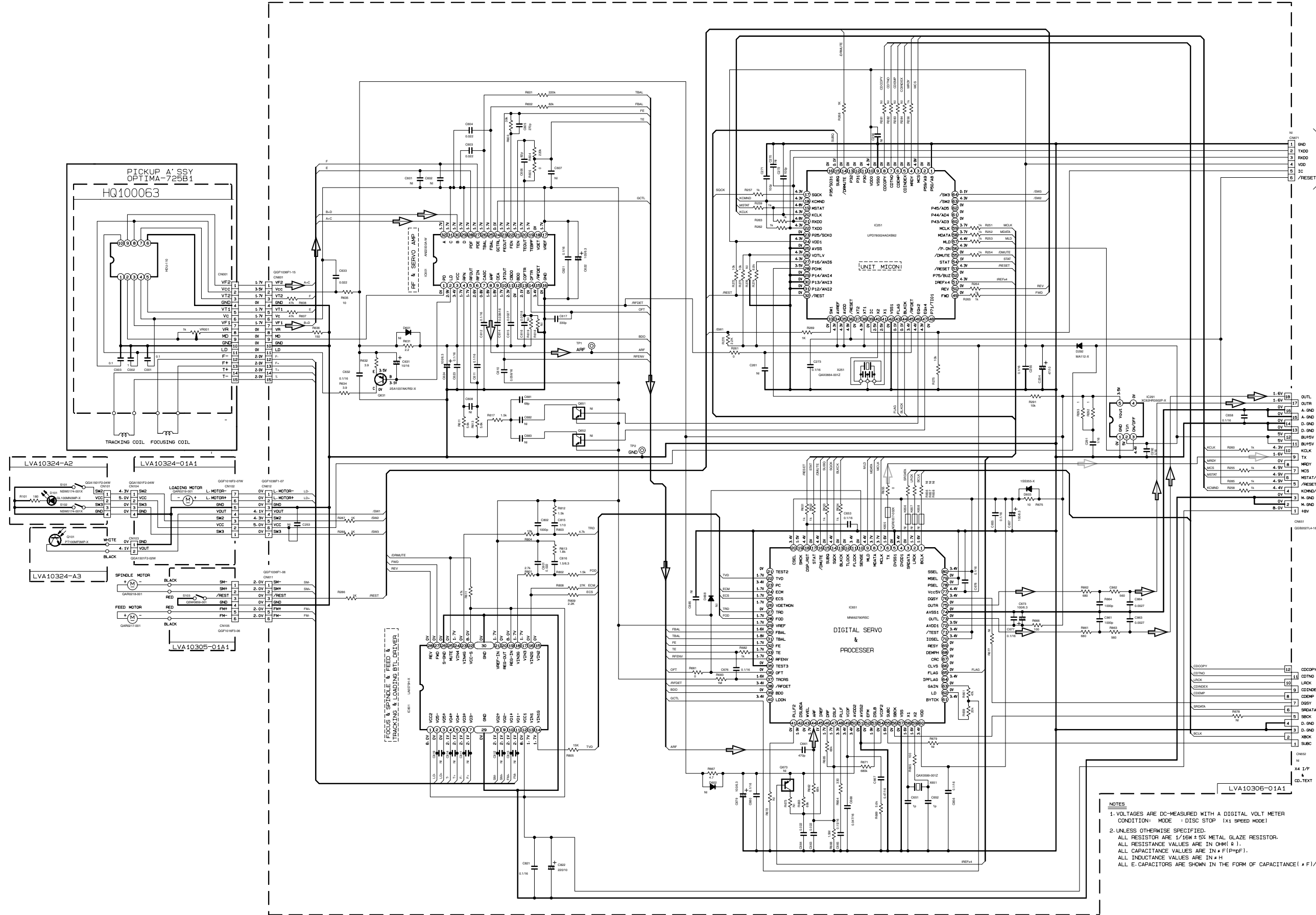
1

Tr. NO.	G1				G5							
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz NO SIGNAL	0	7	1	0	85	8	9	8	8	0		
AM 522kHz NO SIGNAL	0	0	0	0	9	0	0	6	9			
Tr. NO.	G2				G3				G4			
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B
AM 522kHz NO SIGNAL	0	0	0	7	0	0	0	7	0	0	3	6
AM 144kHz NO SIGNAL	0	0	0	3	0	0	3	0	3	3	6	3



CD servo control section

5
4
3
2
1



- NOTES
- 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
CONDITION: MODE → DISC STOP (X1 SPEED MODE)
 - 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTOR ARE 1/16W ± 5% METAL GLAZE RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITANCE VALUES ARE IN PICO (pF).
ALL INDUCTANCE VALUES ARE IN μH
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

FOR FLASH MICON

(To A-2
on page 2-3)

TO AMP

CD SIGNAL
DIGITAL SIGNAL

The schematic diagram illustrates the internal circuitry of a device, featuring a central microcontroller IC811 (MN101CP35DKB) interfaced with an FL DISPLAY, a FRONT REMOCON (remote control), and a keyboard (KEY_LED HORI and KEY_LED VERT). The circuit includes a power supply section with a transformer (X811) and a regulator (IC812), as well as various passive components like resistors (R801-R878) and capacitors (C801-C814). The diagram is labeled with various components and their values, and includes a reference to 'D801-D820 EL-19-21SDRC/-X'.

Components and Values:

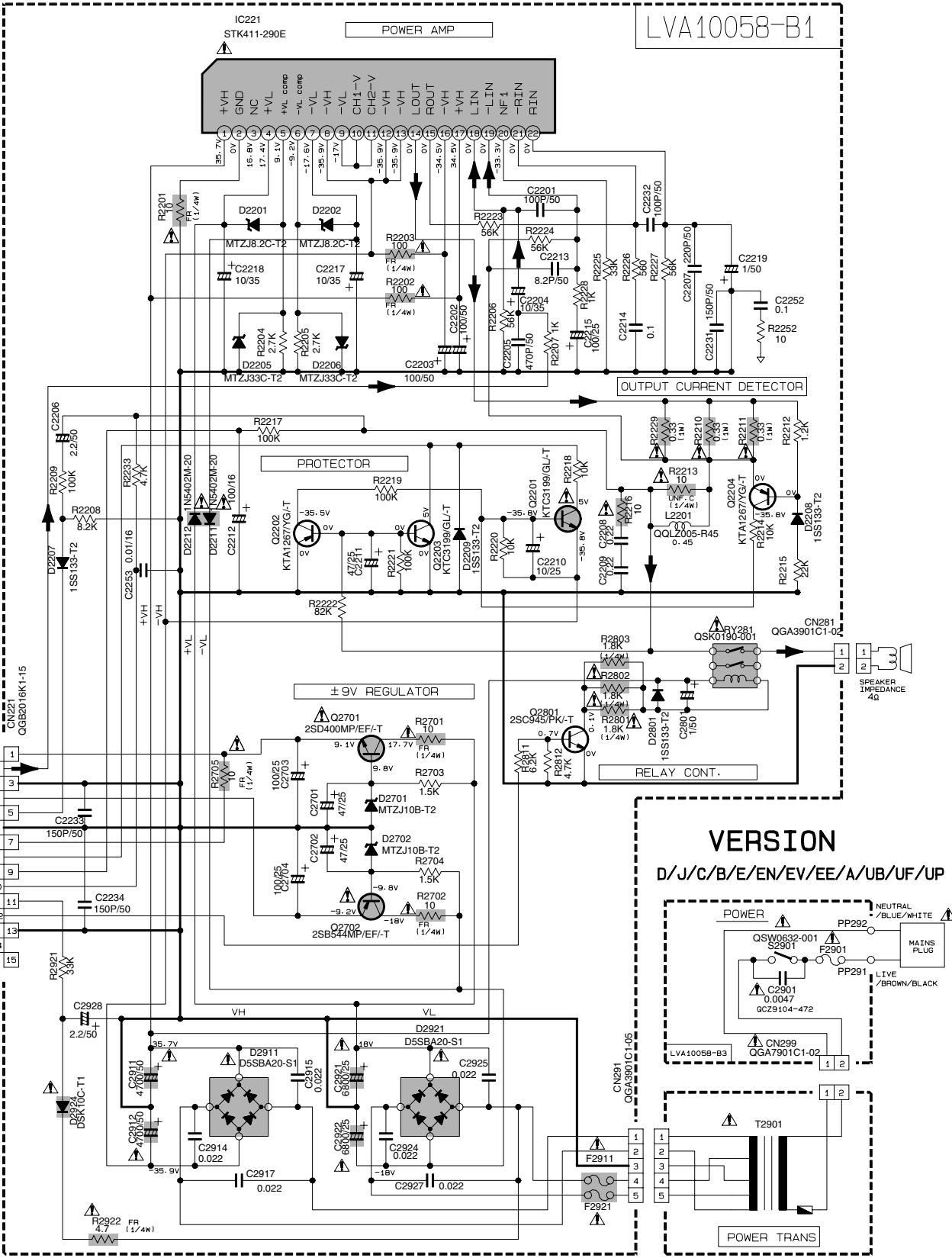
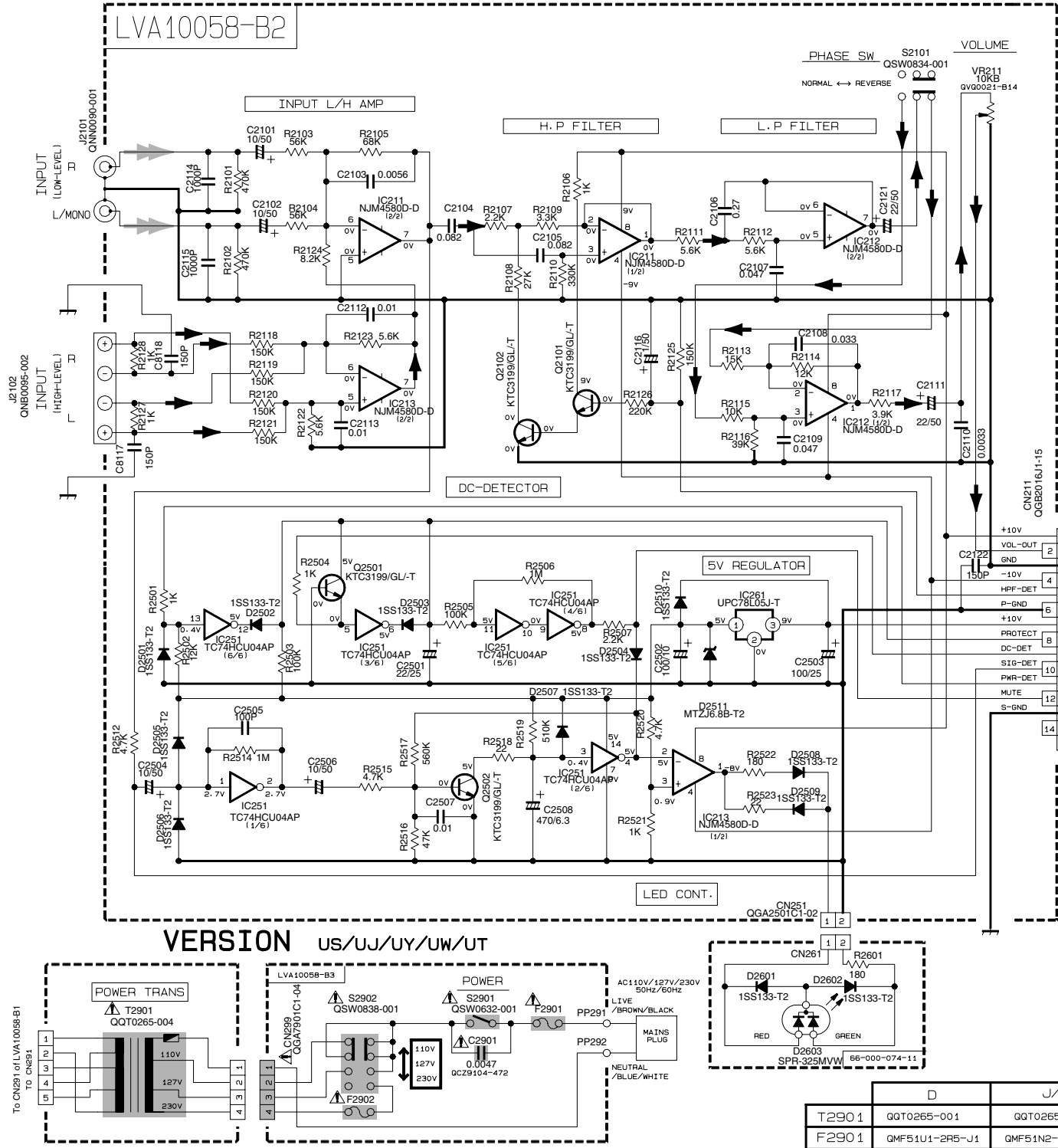
- IC811:** MN101CP35DKB (1 TIME) MN101C35DKB (MASK)
- IC812:** RPM6938-SV4
- Q801-Q817:** Various transistors including KRA102S-X, DTC114TKA-X, and KRC102S-X.
- Q821:** DTC114TKA-X
- Q815:** DTA114TKA-X
- Q803-Q804:** DTC114TKA-X
- Q805-Q806:** KRA102S-X
- Q807-Q808:** DTC114TKA-X
- Q809-Q810:** KRA102S-X
- Q811-Q812:** DTC114TKA-X
- Q813-Q814:** KRA102S-X
- Q815-Q816:** DTC114TKA-X
- Q817-Q818:** KRA102S-X
- Q819-Q820:** DTC114TKA-X
- Q821-Q822:** KRA102S-X
- Q823-Q824:** DTC114TKA-X
- Q825-Q826:** KRA102S-X
- Q827-Q828:** DTC114TKA-X
- Q829-Q830:** KRA102S-X
- Q831-Q832:** DTC114TKA-X
- Q833-Q834:** KRA102S-X
- Q835-Q836:** DTC114TKA-X
- Q837-Q838:** KRA102S-X
- Q839-Q840:** DTC114TKA-X
- Q841-Q842:** KRA102S-X
- Q843-Q844:** DTC114TKA-X
- Q845-Q846:** KRA102S-X
- Q847-Q848:** DTC114TKA-X
- Q849-Q850:** KRA102S-X
- Q851-Q852:** DTC114TKA-X
- Q853-Q854:** KRA102S-X
- Q855-Q856:** DTC114TKA-X
- Q857-Q858:** KRA102S-X
- Q859-Q860:** DTC114TKA-X
- Q861-Q862:** KRA102S-X
- Q863-Q864:** DTC114TKA-X
- Q865-Q866:** KRA102S-X
- Q867-Q868:** DTC114TKA-X
- Q869-Q870:** KRA102S-X
- Q871-Q872:** DTC114TKA-X
- Q873-Q874:** KRA102S-X
- Q875-Q876:** DTC114TKA-X
- Q877-Q878:** KRA102S-X
- Q879-Q880:** DTC114TKA-X
- Q881-Q882:** KRA102S-X
- Q883-Q884:** DTC114TKA-X
- Q885-Q886:** KRA102S-X
- Q887-Q888:** DTC114TKA-X
- Q889-Q890:** KRA102S-X
- Q891-Q892:** DTC114TKA-X
- Q893-Q894:** KRA102S-X
- Q895-Q896:** DTC114TKA-X
- Q897-Q898:** KRA102S-X
- Q899-Q900:** DTC114TKA-X
- Q901-Q902:** KRA102S-X
- Q903-Q904:** DTC114TKA-X
- Q905-Q906:** KRA102S-X
- Q907-Q908:** DTC114TKA-X
- Q909-Q910:** KRA102S-X
- Q911-Q912:** DTC114TKA-X
- Q913-Q914:** KRA102S-X
- Q915-Q916:** DTC114TKA-X
- Q917-Q918:** KRA102S-X
- Q919-Q920:** DTC114TKA-X
- Q921-Q922:** KRA102S-X
- Q923-Q924:** DTC114TKA-X
- Q925-Q926:** KRA102S-X
- Q927-Q928:** DTC114TKA-X
- Q929-Q930:** KRA102S-X
- Q931-Q932:** DTC114TKA-X
- Q933-Q934:** KRA102S-X
- Q935-Q936:** DTC114TKA-X
- Q937-Q938:** KRA102S-X
- Q939-Q940:** DTC114TKA-X
- Q941-Q942:** KRA102S-X
- Q943-Q944:** DTC114TKA-X
- Q945-Q946:** KRA102S-X
- Q947-Q948:** DTC114TKA-X
- Q949-Q950:** KRA102S-X
- Q951-Q952:** DTC114TKA-X
- Q953-Q954:** KRA102S-X
- Q955-Q956:** DTC114TKA-X
- Q957-Q958:** KRA102S-X
- Q959-Q960:** DTC114TKA-X
- Q961-Q962:** KRA102S-X
- Q963-Q964:** DTC114TKA-X
- Q965-Q966:** KRA102S-X
- Q967-Q968:** DTC114TKA-X
- Q969-Q970:** KRA102S-X
- Q971-Q972:** DTC114TKA-X
- Q973-Q974:** KRA102S-X
- Q975-Q976:** DTC114TKA-X
- Q977-Q978:** KRA102S-X
- Q979-Q980:** DTC114TKA-X
- Q981-Q982:** KRA102S-X
- Q983-Q984:** DTC114TKA-X
- Q985-Q986:** KRA102S-X
- Q987-Q988:** DTC114TKA-X
- Q989-Q990:** KRA102S-X
- Q991-Q992:** DTC114TKA-X
- Q993-Q994:** KRA102S-X
- Q995-Q996:** DTC114TKA-X
- Q997-Q998:** KRA102S-X
- Q999-Q1000:** DTC114TKA-X

(To F-5 on page 2-2)

Subwoofer section

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED.
- ALL RESISTORS ARE 1/4W ±5% CARBON RESISTOR.
- ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
- ALL RESISTANCE VALUES ARE IN OHM(Ω).
- ALL CAPACITANCE VALUES ARE IN μF(P=pF).
- ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
- ALL INDUCTANCE VALUES ARE IN #H(m=mH).



	D	J/C	B/E/EN/EV/EE/UB	US/UJ/UJ/UT/UT	UF/UP	A
T2901	QGT0265-001	QGT0265-002	QGT0265-003	QGT0265-004	QGT0265-005	QGT0265-006
F2901	QMF51U1-2R5-J1	QMF51N2-2R0-J1	QMF51E2-1R0-J1	QMF51E2-1R6-J1	QMF51E2-1R0-J1	QMF51E2-1R0-J1
F2902				QMF51E2-R80-J1		
F2911	QMF51N2-2R0-J1	QMF51N2-1R6-J1	QMF51E2-1R6-J1	QMF51E2-1R25-J1	QMF51E2-1R6-J1	QMF51E2-1R6-J1
F2921	QMF51N2-2R0-J1	QMF51N2-1R6-J1	QMF51E2-1R6-J1	QMF51E2-1R25-J1	QMF51E2-1R6-J1	QMF51E2-1R6-J1

Parts are safety assurance parts. When replacing those parts, make sure to use the specified one.

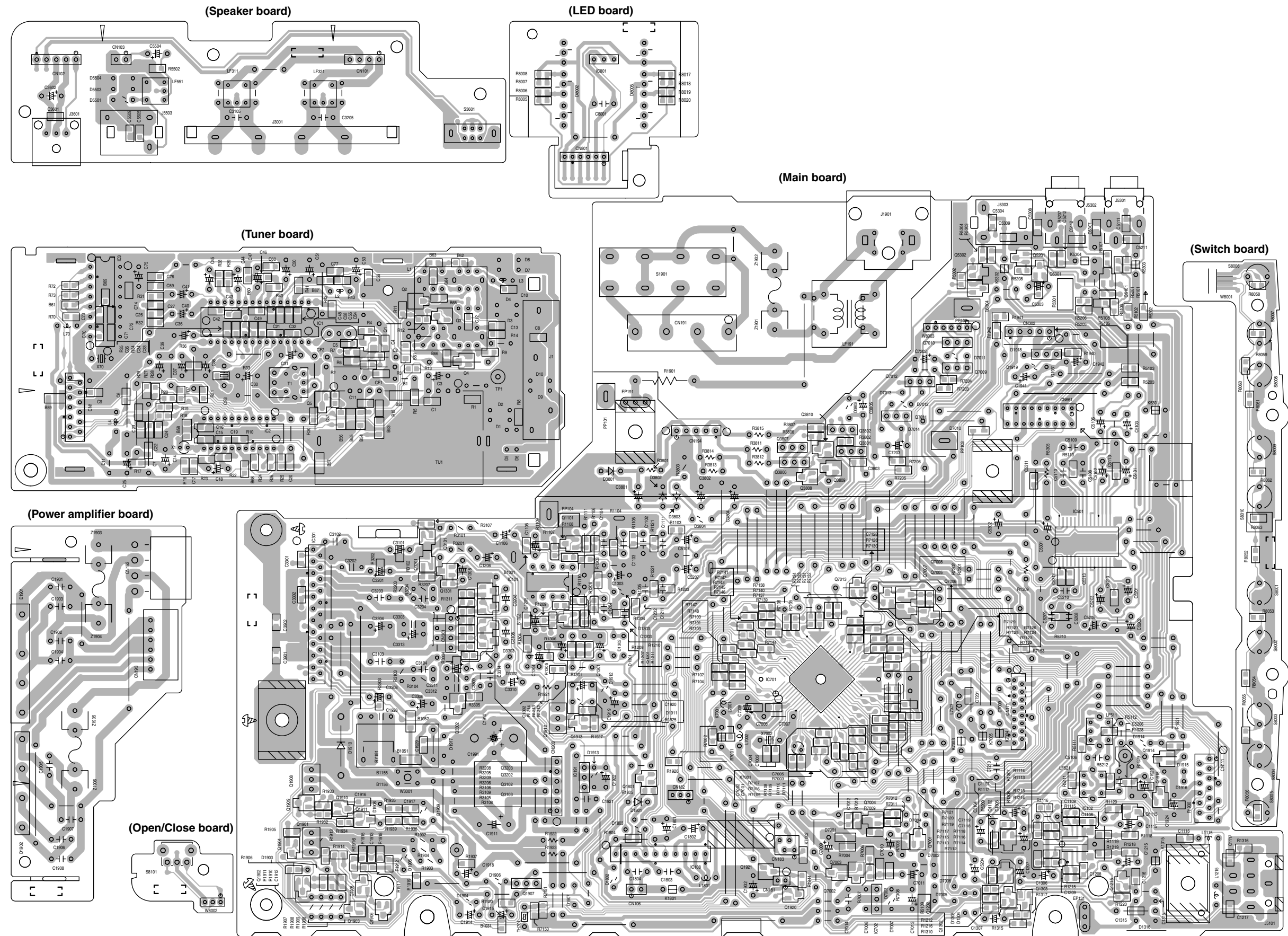
MAIN SIGNAL

LINE INPUT SIGNAL

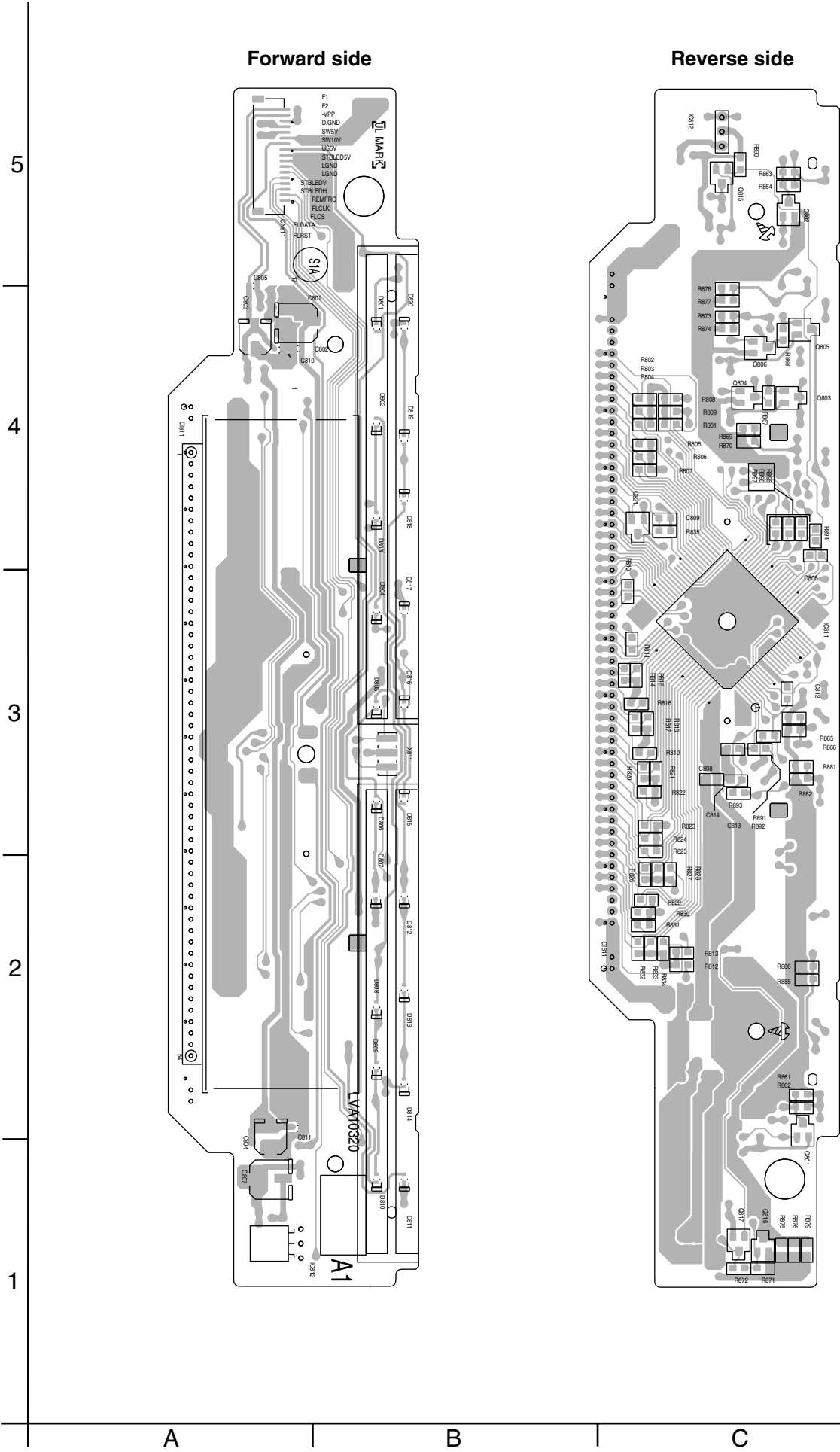
Printed circuit boards

<Main body section>

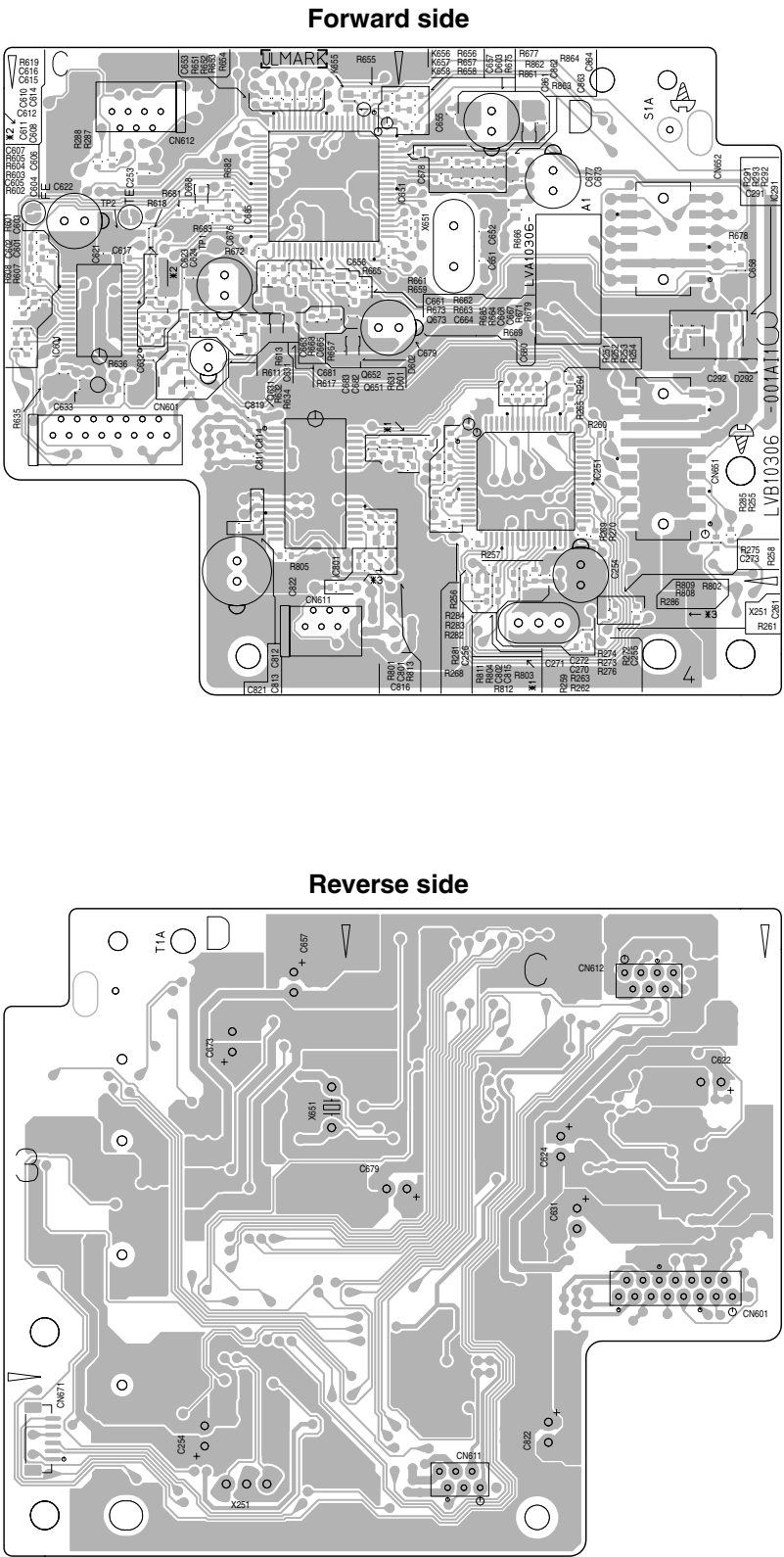
■ Main board



■ Front board



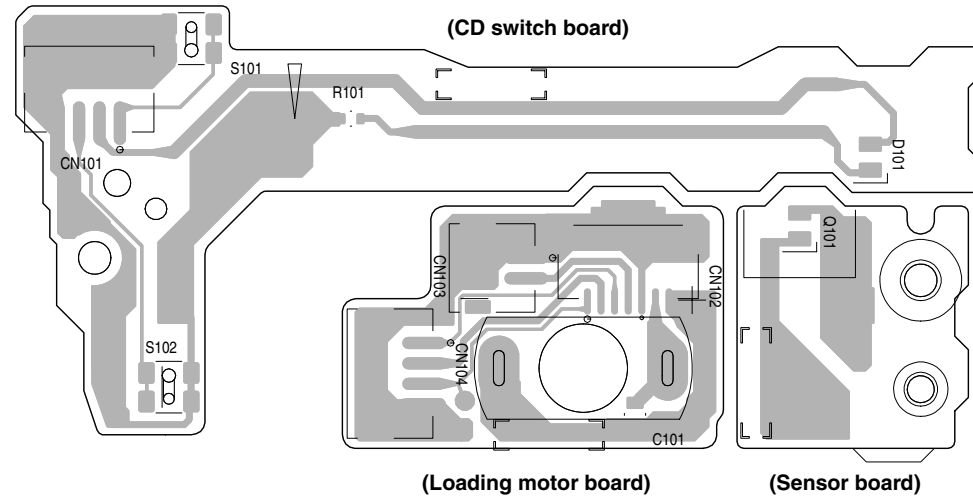
■ CD servo board



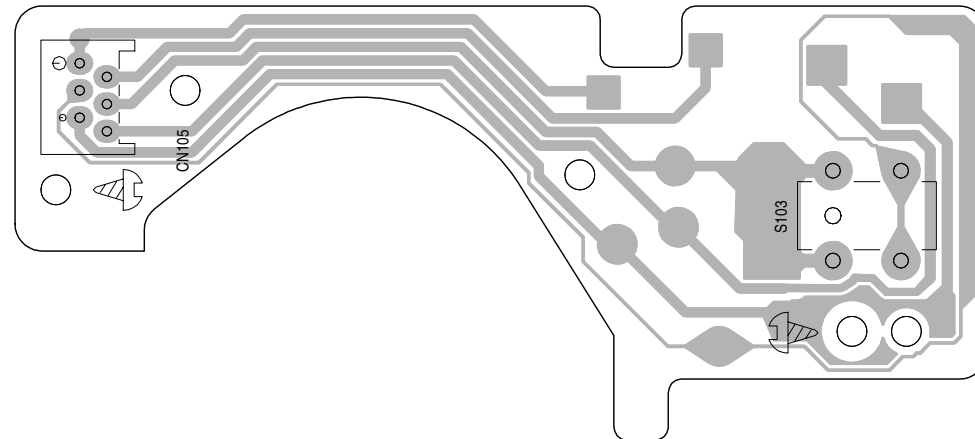
<Speaker section>

■ Subwoofer board

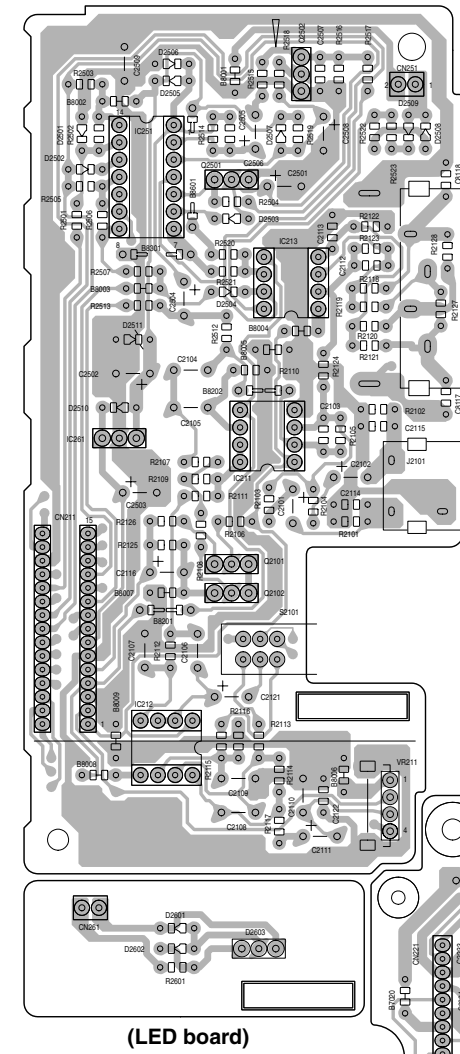
■ Switch board



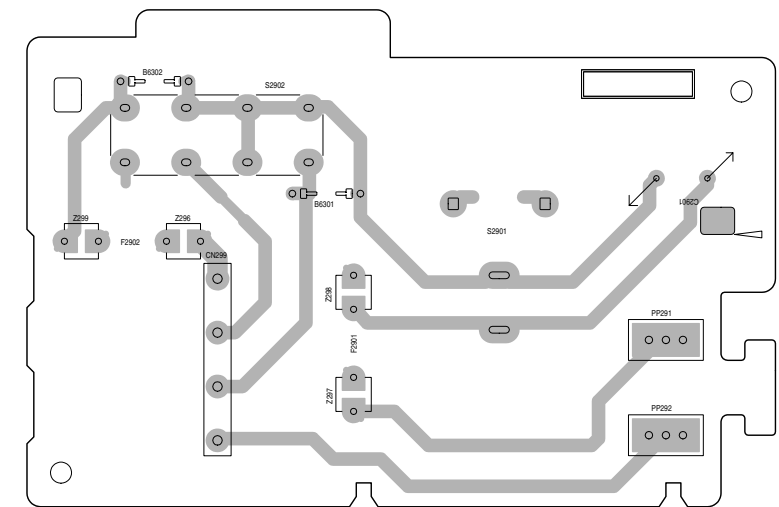
■ Traverse mechanism board



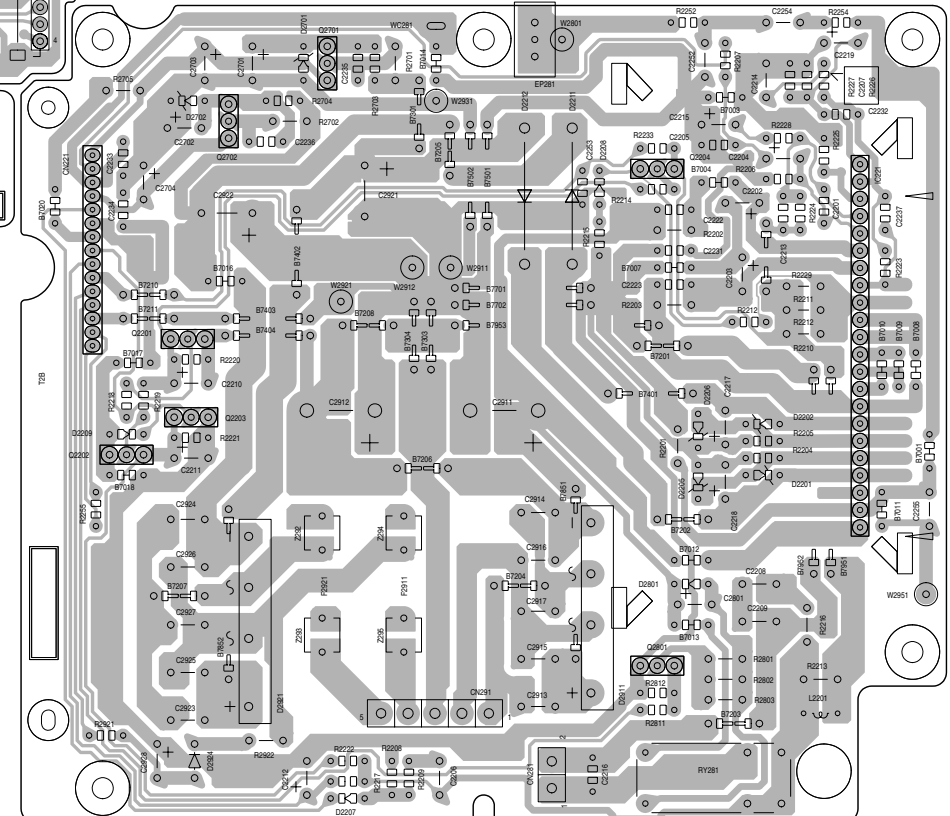
(Pre-amplifier board)



(Switch board)



(Power supply board)



< M E M O >



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