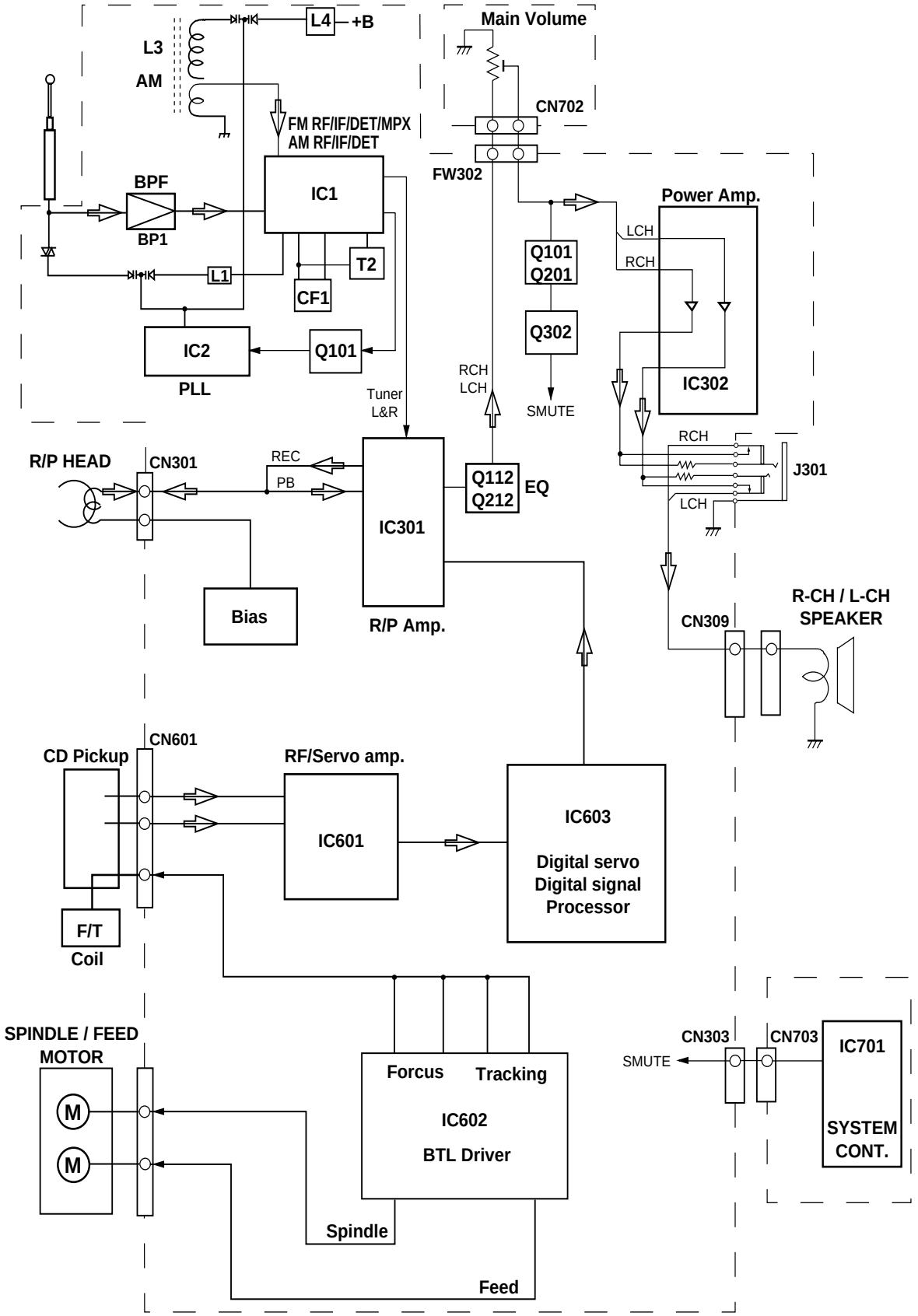
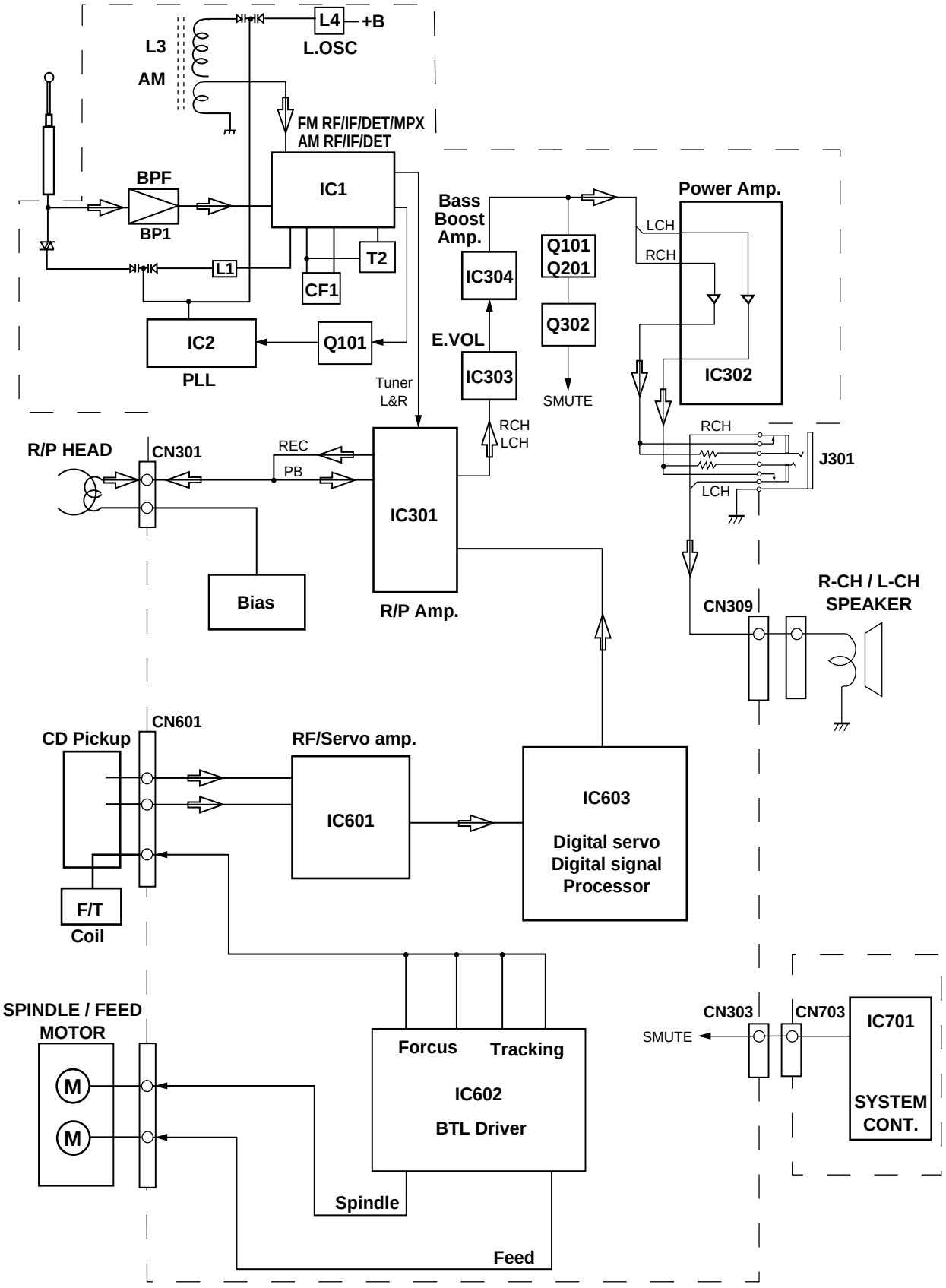
Block diagrams (RC-BZ5LB/BZ5RD)

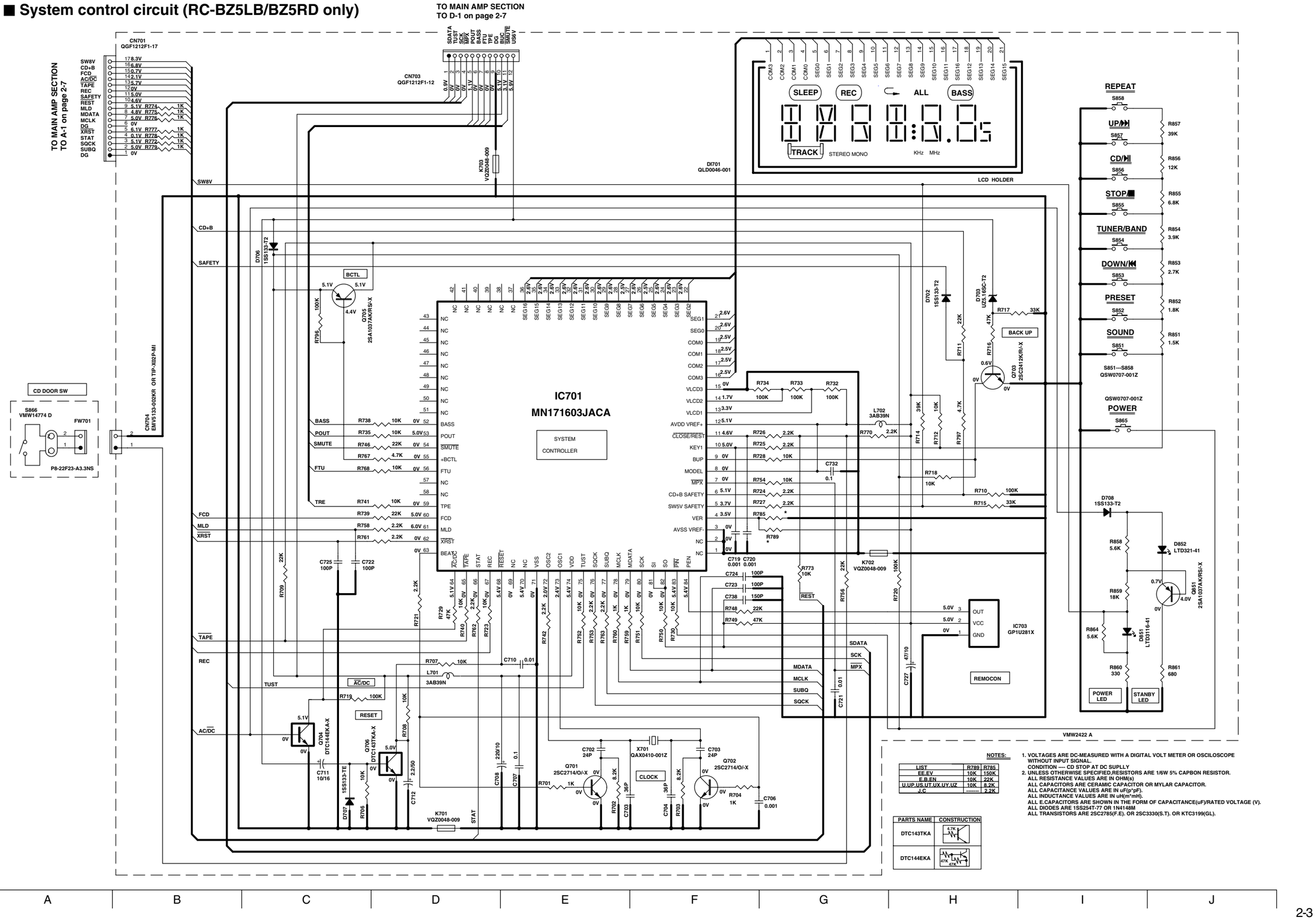


Block diagrams (RC-BZ6BU)



Standard schematic diagrams

■ System control circuit (RC-BZ5LB/BZ5RD only)



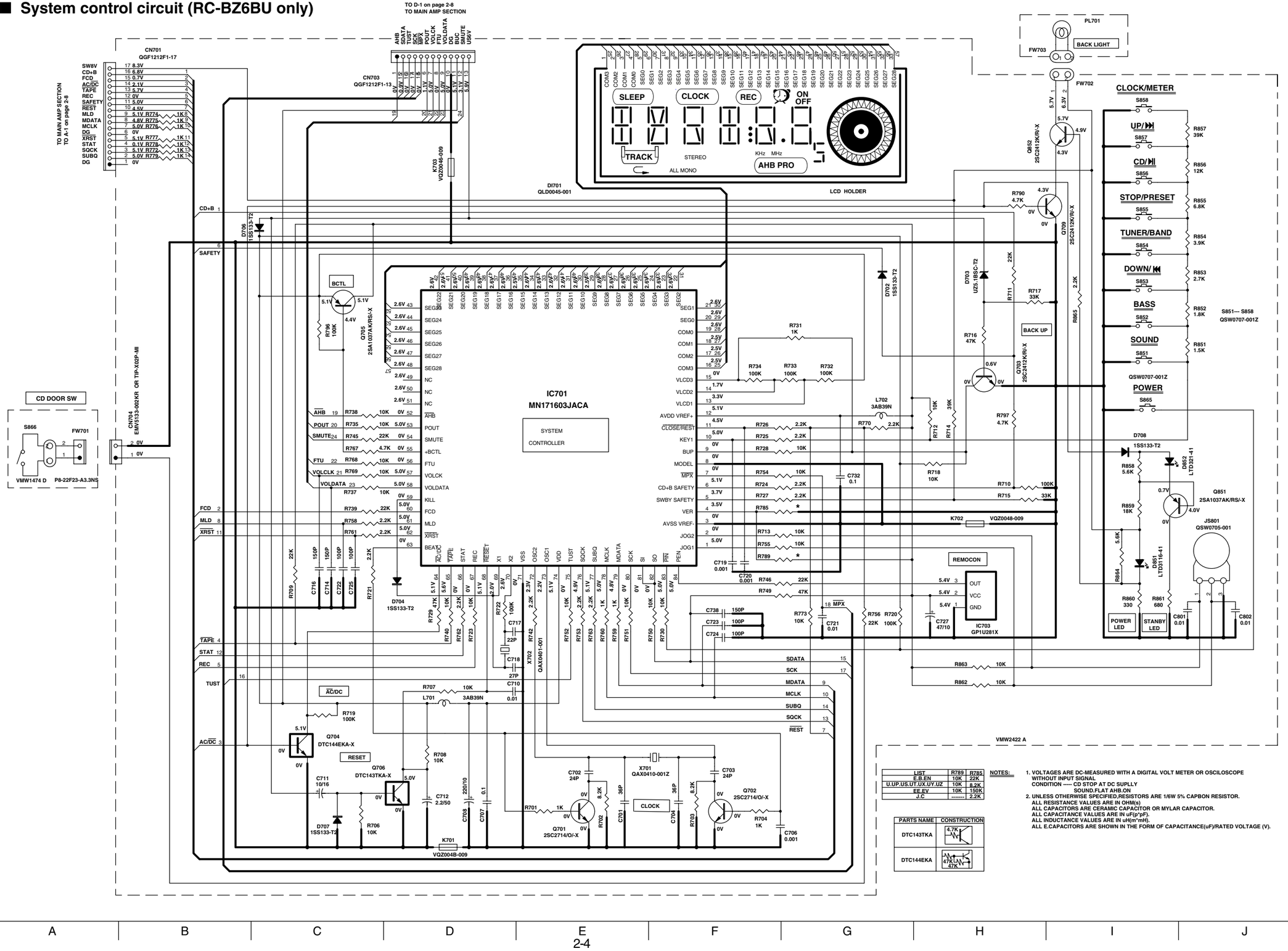
NOTES:

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION ---- CD STOP AT DC SUPLLY
2. UNLESS OTHERWISE SPECIFIED,RESISTORS ARE 1/6W 5% CAPBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(s)
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN uF(p*pF).
   ALL INDUCTANCE VALUES ARE IN uH(m*mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE (V).
   ALL DIODES ARE 1SS254T-77 OR 1N4148M
   ALL TRANSISTORS ARE 2SC2785(F.E). OR 2SC3330(S.T). OR KTC3199(GL).

LIST	R789	R785
EE.EV	10K	150K
E.B.EN	10K	22K
U,UP,US,UT,UX,UY,UZ	10K	8.2K
J,C	------	2.2K

PARTS NAME	CONSTRUCTION
DTC143TKA	4.7K
DTC144EKA	47K 47K

■ System control circuit (RC-BZ6BU only)



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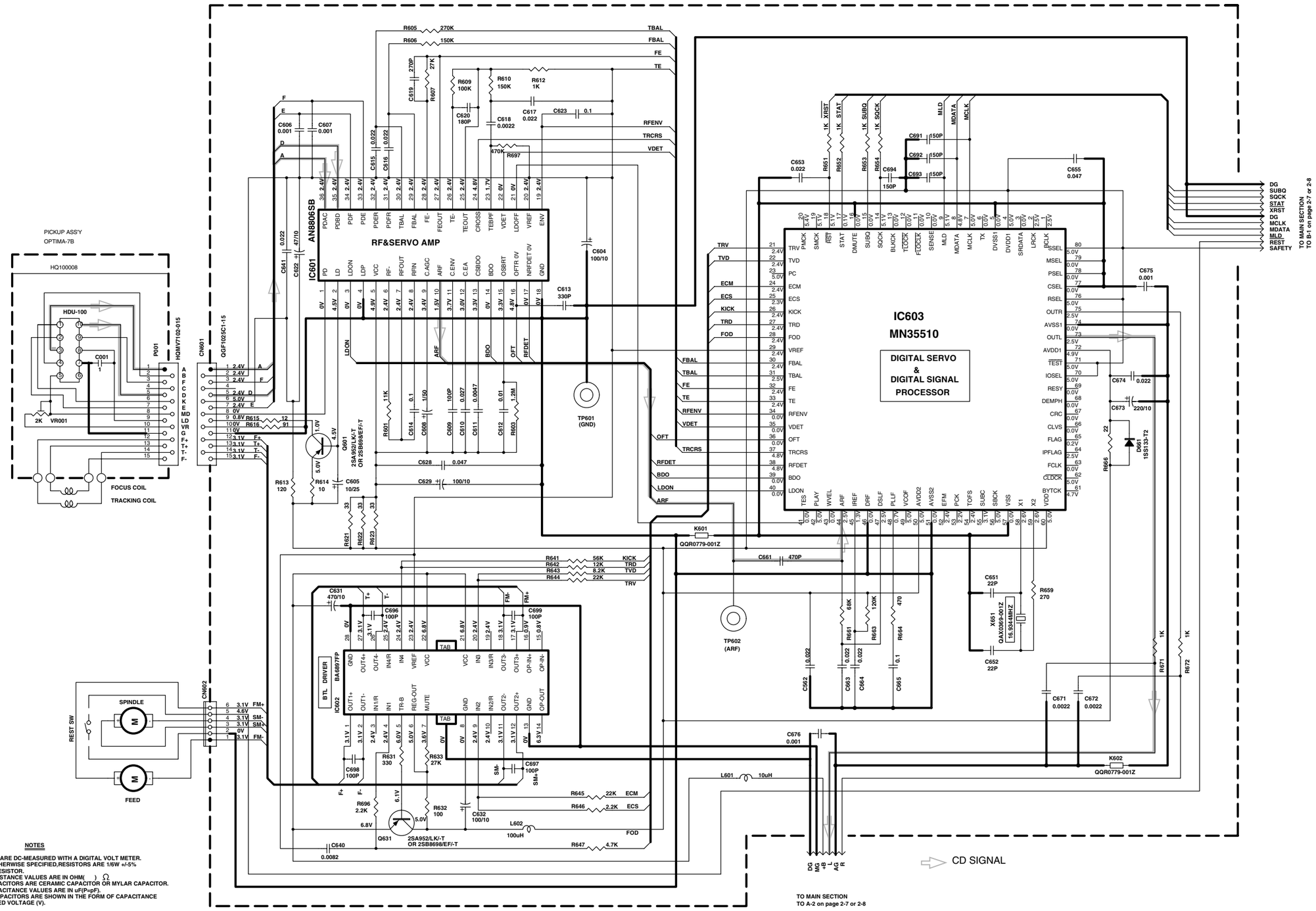
PARTS NAME	CONSTRUCTION
DTC143TKA	4.7K
DTC144EKA	47K 47K

NOTES:

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION ---- CD STOP AT DC SUPLLY
   SOUND.FLAT AHB.ON
2. UNLESS OTHERWISE SPECIFIED,RESISTORS ARE 1/6W 5% CAPBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω)
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN uF(p*pF).
   ALL INDUCTANCE VALUES ARE IN uH(m*mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE (V).

■ CD amplifire circuit



NOTES

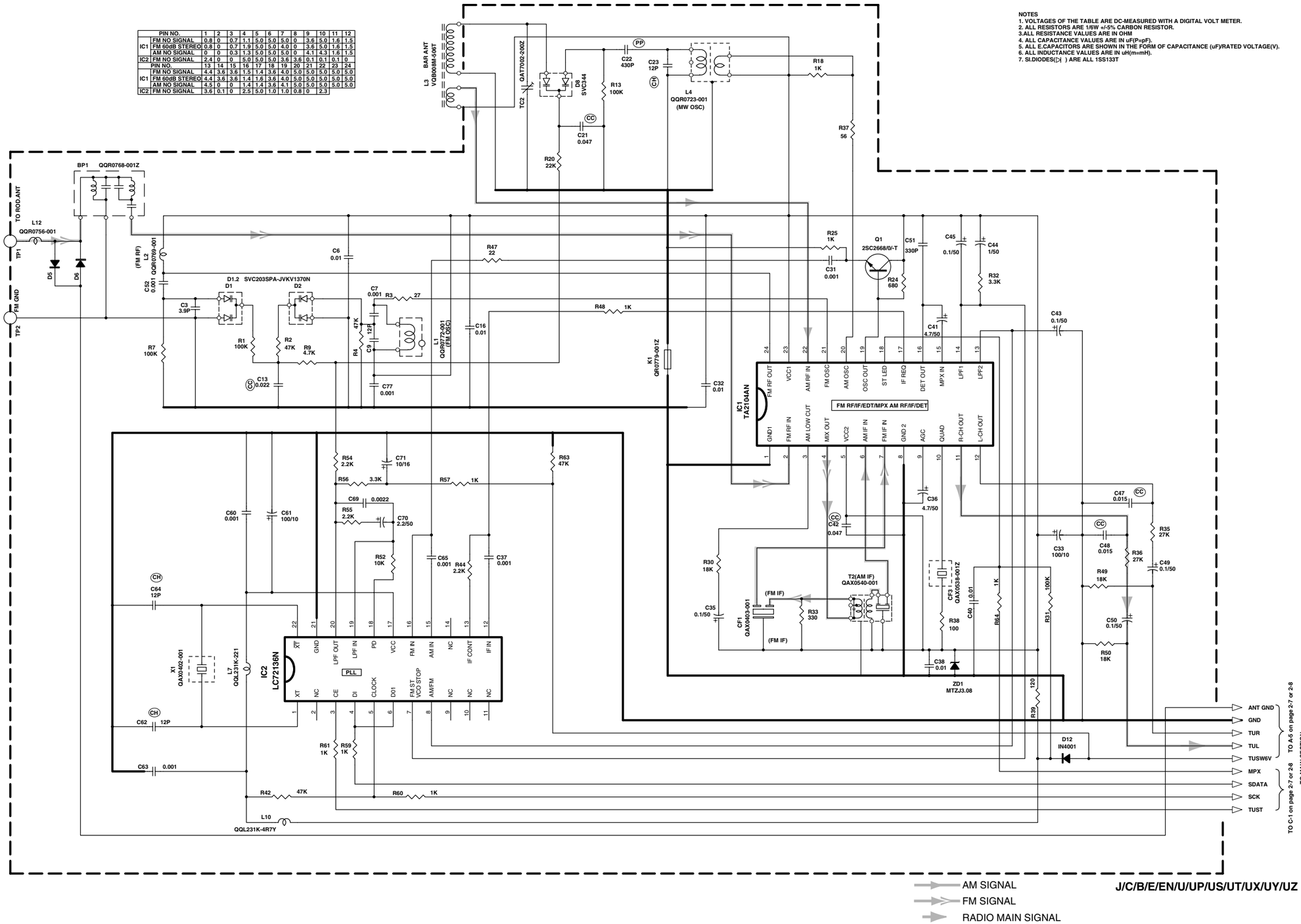
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. UNLESS OTHERWISE SPECIFIED,RESISTORS ARE 1/6W +/-5%
   CARBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM( ) Ω
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN uF(P=pF).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (uF)/RATED VOLTAGE (V).

■ Tuner circuit

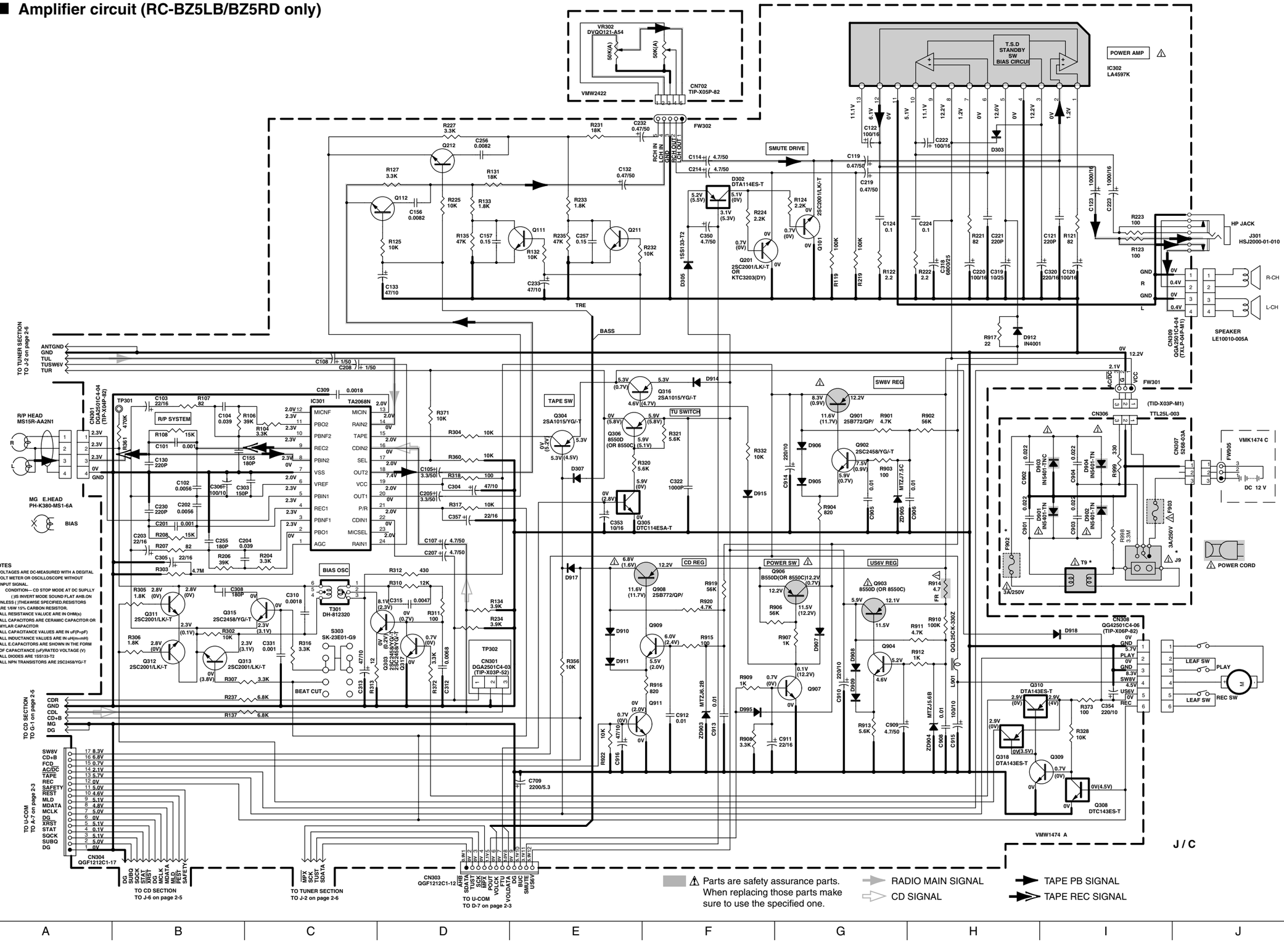
PIN NO.		1	2	3	4	5	6	7	8	9	10	11	12
IC1	FM NO SIGNAL	0.8	0	0.7	1.1	5.0	5.0	5.0	0	3.6	5.0	1.6	1.5
	FM 60dB STEREO	0.8	0	0.7	1.9	5.0	5.0	4.0	0	3.6	5.0	1.6	1.5
	AM NO SIGNAL	0	0	0.3	1.3	5.0	5.0	5.0	0	4.1	4.3	1.6	1.5
IC2	FM NO SIGNAL	2.4	0	0	5.0	5.0	5.0	3.6	3.6	0.1	0.1	0.1	0

PIN NO.		13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	4.4	3.6	3.6	1.5	1.4	3.6	4.0	5.0	5.0	5.0	5.0	5.0
	FM 60dB STEREO	4.4	3.6	3.6	1.4	1.6	3.6	4.0	5.0	5.0	5.0	5.0	5.0
	AM NO SIGNAL	4.5	0	0	1.4	1.4	3.6	4.1	5.0	5.0	5.0	5.0	5.0
IC2	FM NO SIGNAL	3.6	0.1	0	2.5	5.0	1.0	1.0	0.8	0	2.3		

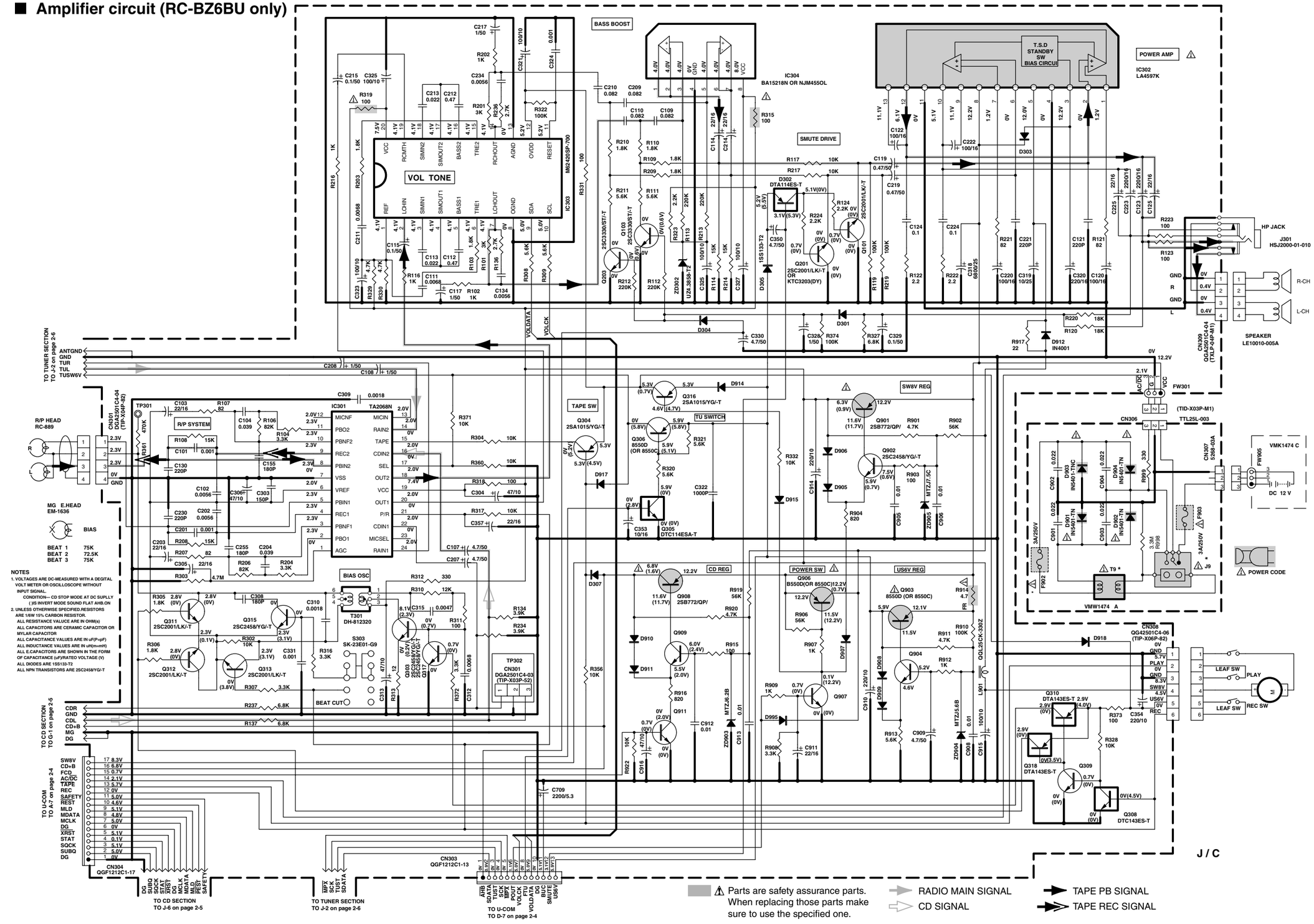
NOTES
1. VOLTAGES OF THE TABLE ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. ALL RESISTORS ARE 1/6W +/-5% CARBON RESISTOR.
3.ALL RESISTANCE VALUES ARE IN OHM
4. ALL CAPACITANCE VALUES ARE IN uF(P=pF).
5. ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (uF)/RATED VOLTAGE(V).
6. ALL INDUCTANCE VALUES ARE IN uH(m=mH).
7. SI.DIODES(▷|) ARE ALL 1SS133T



■ Amplifier circuit (RC-BZ5LB/BZ5RD only)



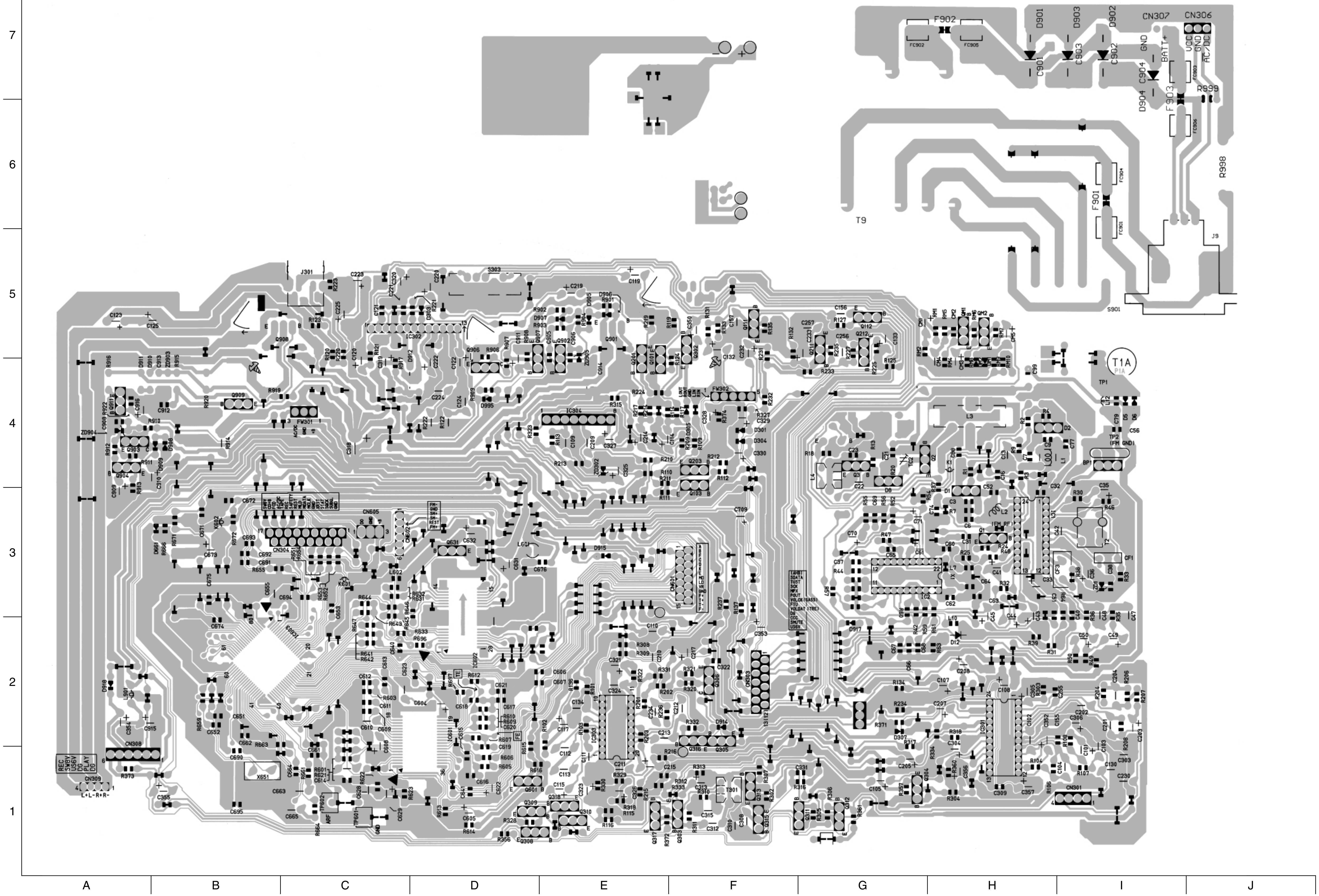
■ Amplifier circuit (RC-BZ6BU only)



NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DEGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION— CD STOP MODE AT DC SUPLLY ( )IS INVERT MODE SOUND FLAT AHB.ON
2. UNLESS OTHERWISE SPECIFIED,RESISTORS ARE 1/6W 15% CARBON RESISTOR.
ALL RESISTANCE VALUCE ARE IN OHM(s)
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR
ALL CAPACITANCE VALUES ARE IN uF(=PoF)
ALL INDUCTANCE VALUES ARE IN uH(=mH)
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (uF)/RATEO VOLTAGE (V)
ALL DIODES ARE 1SS133-T2
ALL NPN TRANSISTORS ARE 2SC2458/YG/-T

Printed circuit boards

■ Main board Block No. 01



■ **System CPU board (RC-BZ5LB/BZ5RD) Block No.02**

■ **System CPU board (RC-BZ6BU) Block No.02**