

Service Manual

• KEH-M7400RDS/EW



ORDER NO.
CRT1429

MULTI-CD CONTROL FM/MW/LW TUNER DECK AMPLIFIER

KEH-M7400RDS EW

CASSETTE CAR STEREO WITH FM/MW/LW ELECTRONIC TUNER

KEH-5400RDS EW

KEH-5401RDS EW, IT

Note:

- See The separate manual CX-197 for the cassette mechanism description.

Model	Service Manual	Cassette Mechanism Assembly
KEH-M7400RDS/EW	CX-197 (CRT1428)	EXK1735
KEH-5400RDS/EW KEH-5401RDS/EW KEH-5401RDS/IT	CX-197 (CRT1328)	EXK1785

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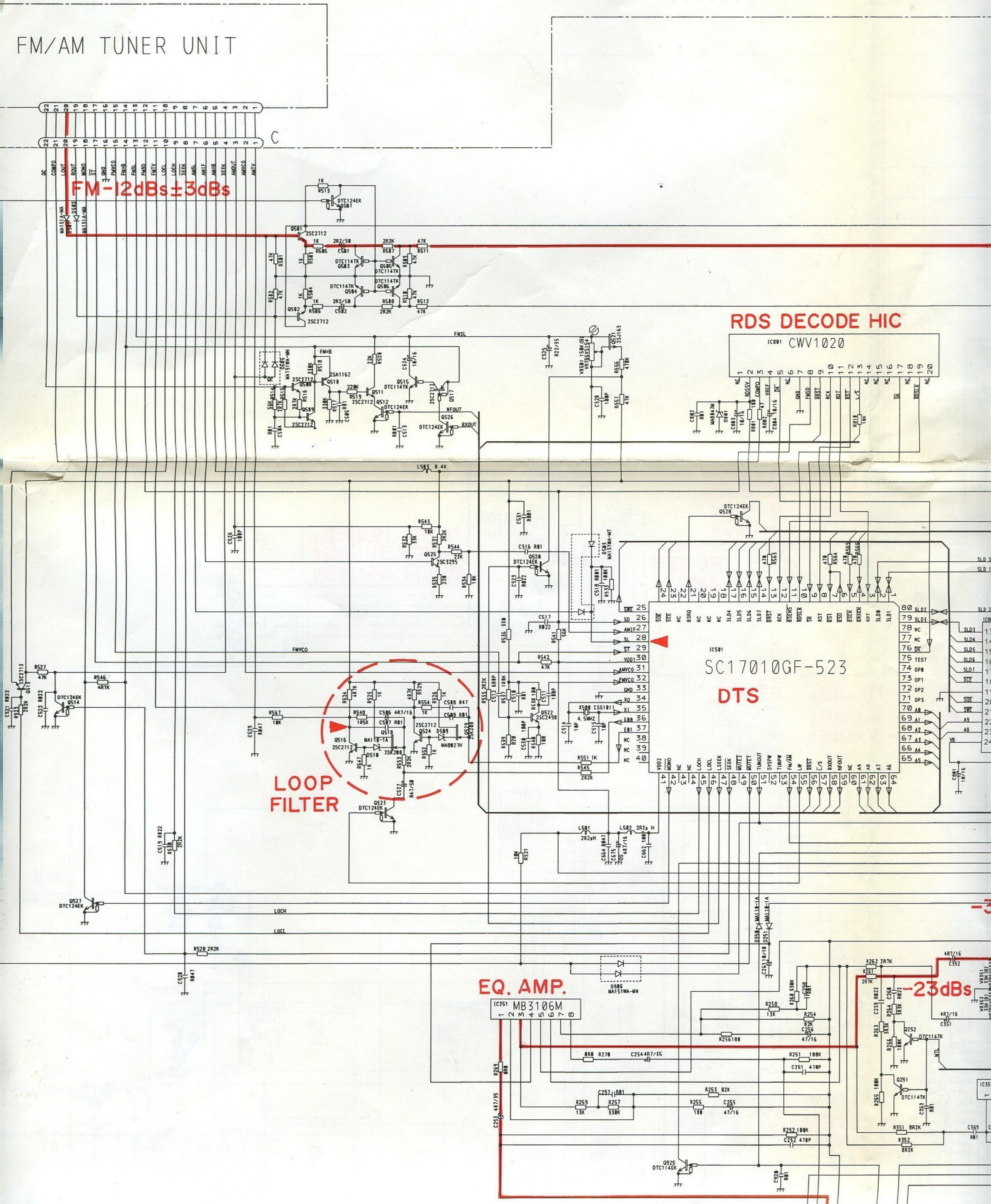
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14. SCHEMATIC CIRCUIT DIAGRAM (KEH-M7400RDS/EW)

TUNER AMP UNIT

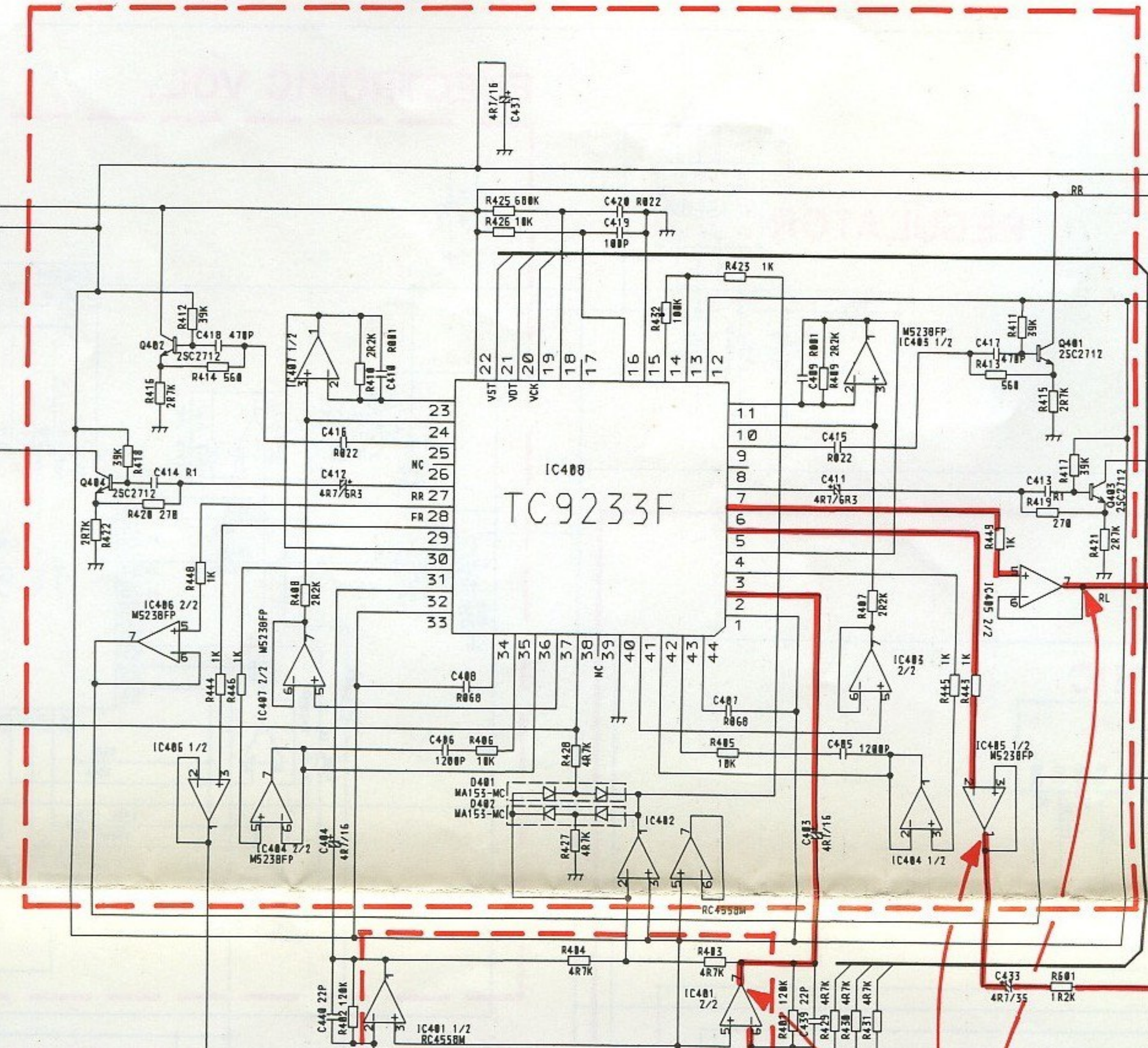
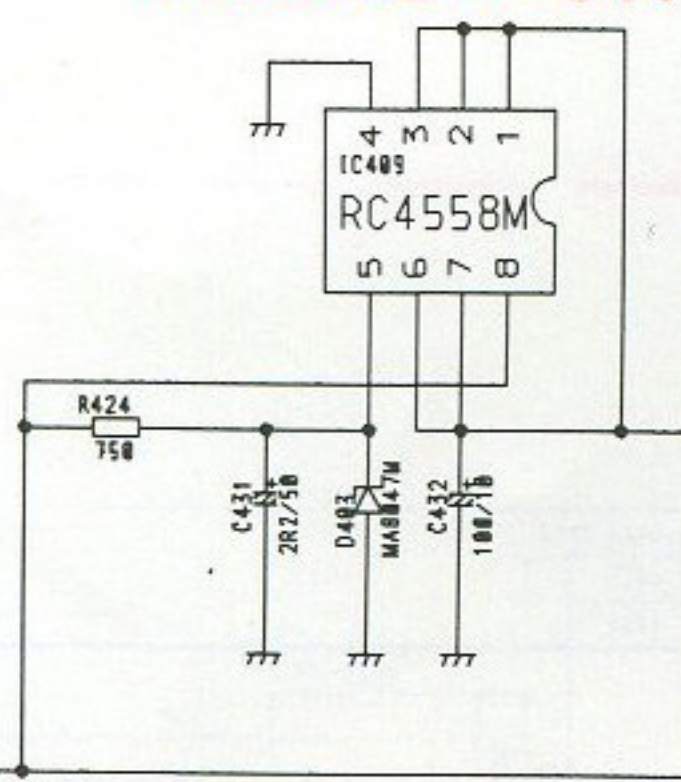
FM/AM TUNER UNIT



MP UNIT

ELECTRONIC VOL.

REGULATOR



MIX AMP.

TAPE -18.1dBs
 TUNER -6.0dBs
 MULTI -6.5dBs

-24.7dBs

-11.24dBs

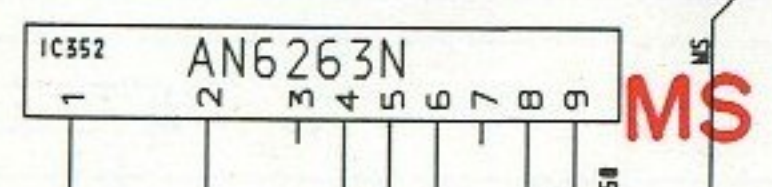
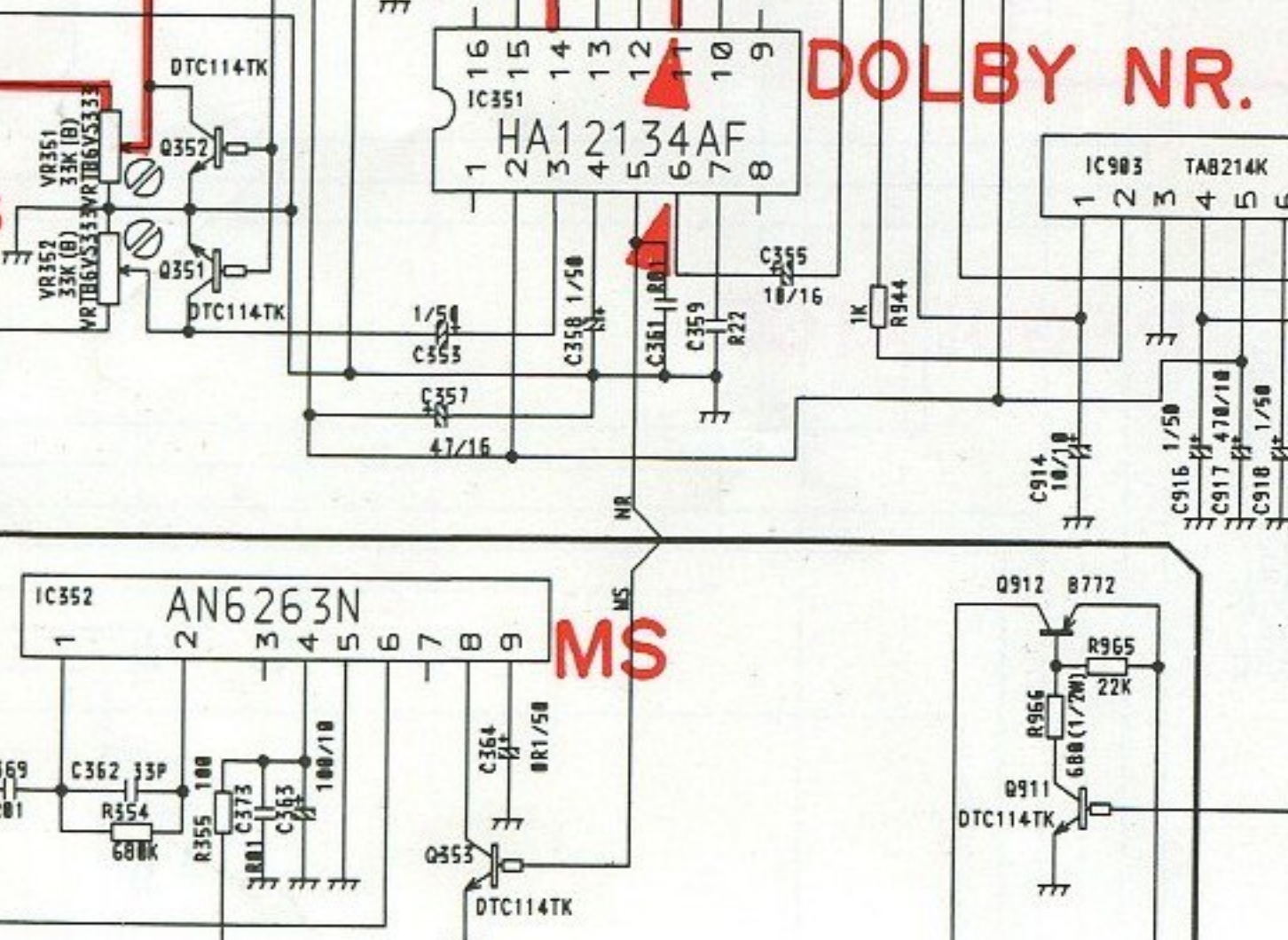
-11.2dBs

-34.2dBs

-23dBs

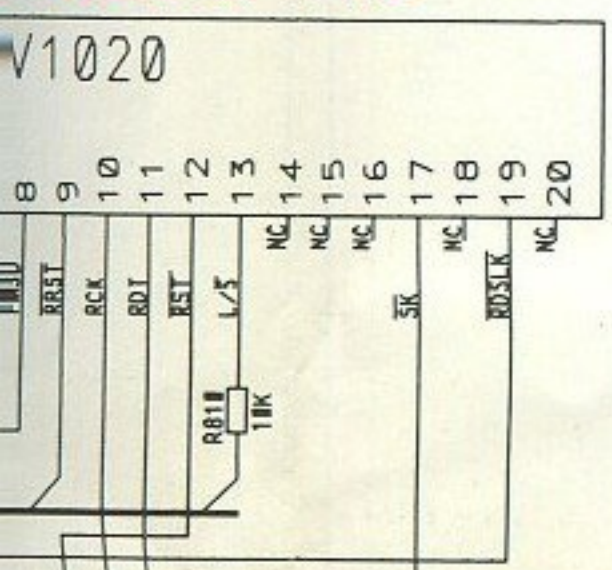
DOLBY NR.

REGULATOR

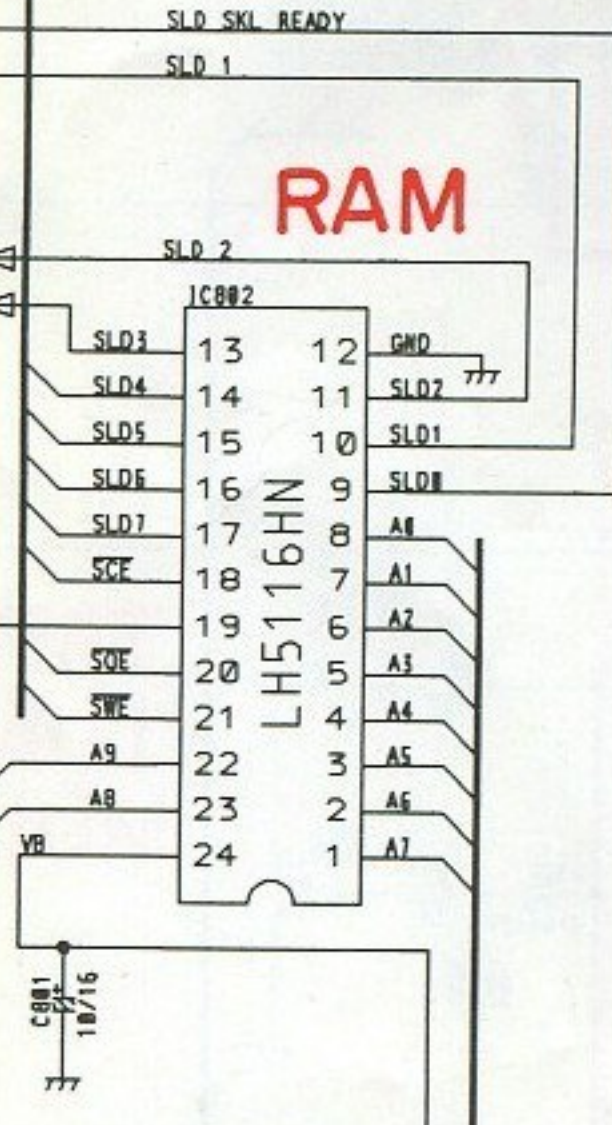


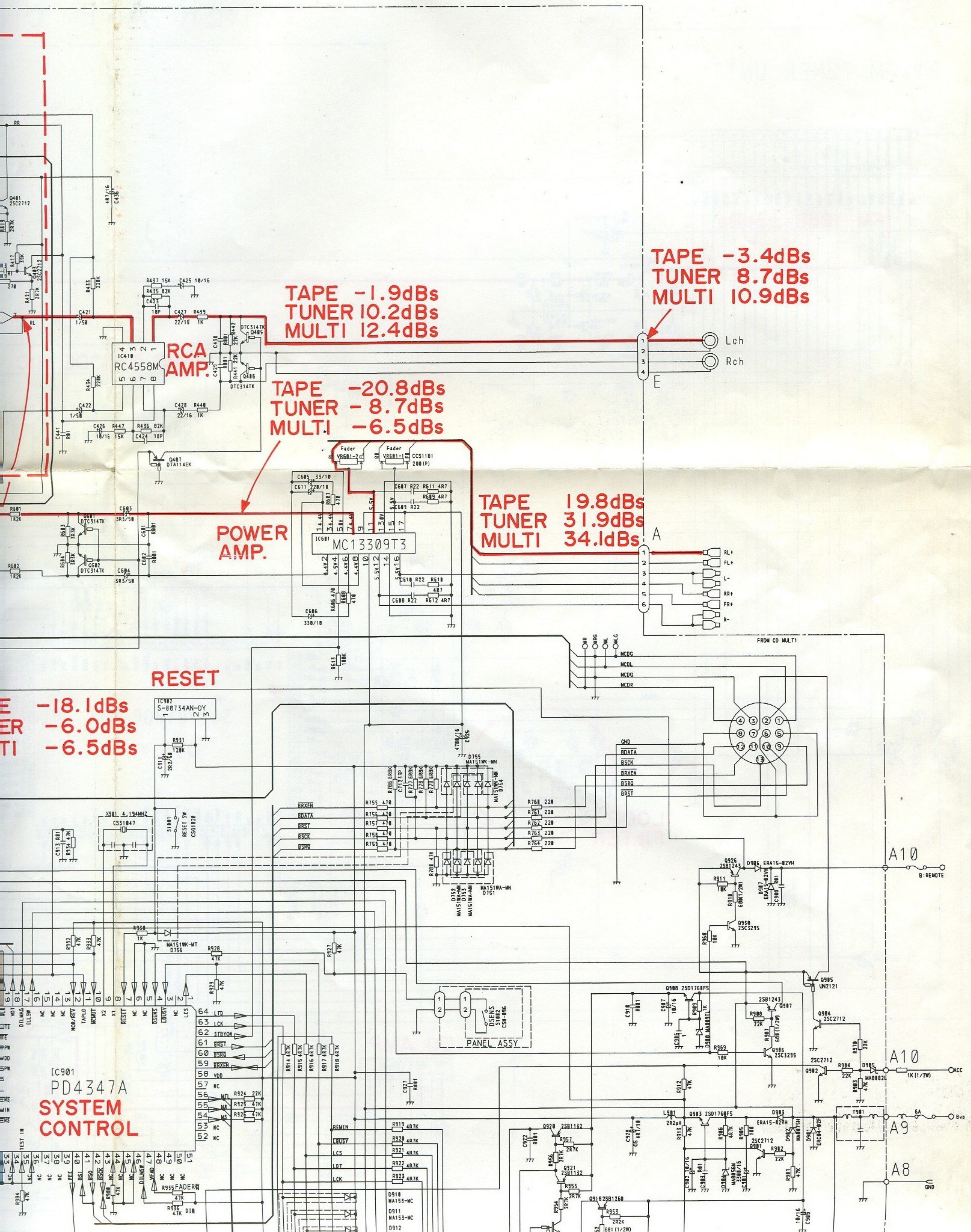
IC901 PD4347A SYSTEM CONTROL

CODE HIC



RAM





TAPE -1.9dBs
TUNER 10.2dBs
MULTI 12.4dBs

TAPE -3.4dBs
TUNER 8.7dBs
MULTI 10.9dBs

TAPE -20.8dBs
TUNER -8.7dBs
MULTI -6.5dBs

TAPE 19.8dBs
TUNER 31.9dBs
MULTI 34.1dBs

RESET

TUNER -18.1dBs
TUNER -6.0dBs
MULTI -6.5dBs

IC901
PD4347A
SYSTEM CONTROL

PANEL ASSY

A

B

C

D

LOOP FILTER

**SC17010GF-523
DTS**

EQ. AMP.

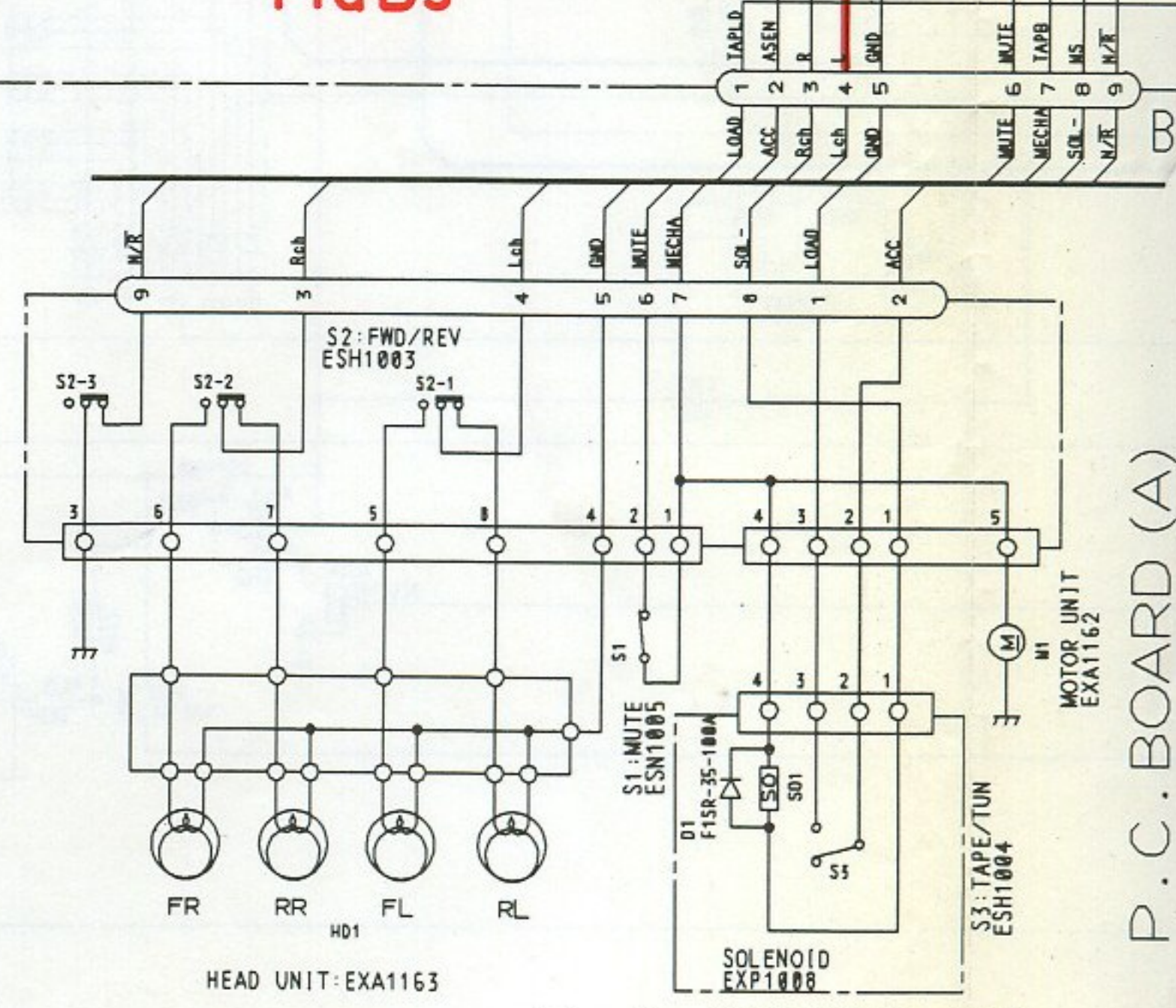
IC251 MB3106M

-71dBs

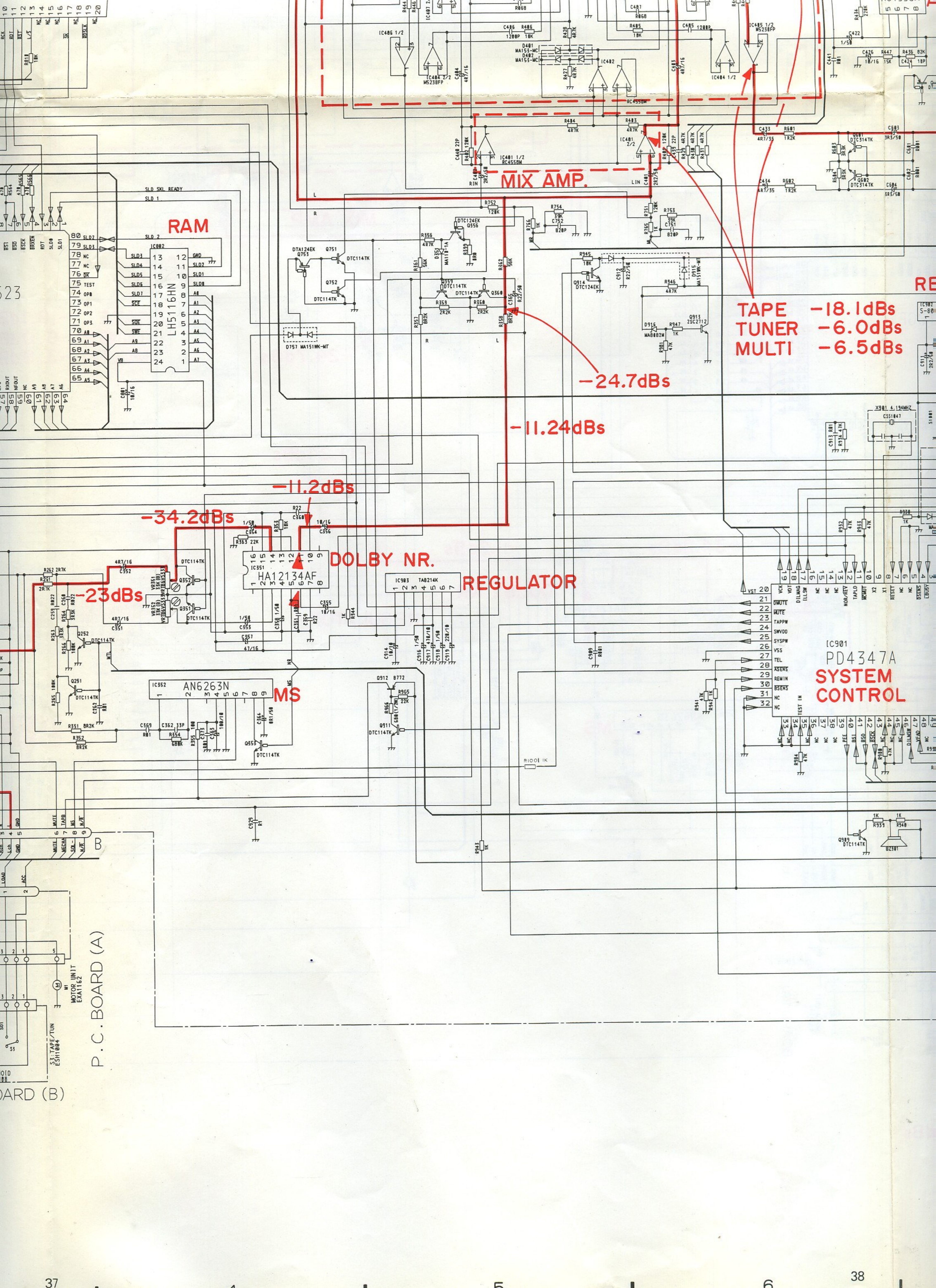
NOTE:

- Symbol indicates a resistor. No differentiation is made between chip resistors and discrete resistors.
- ⊢ Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022



TAPE 315Hz 0dBs



RAM

MIX AMP.

DOLBY NR.

REGULATOR

MS

SYSTEM CONTROL

TAPE -18.1dBs
TUNER -6.0dBs
MULTI -6.5dBs

-24.7dBs

-11.24dBs

-11.2dBs

-34.2dBs

-23dBs

P.C. BOARD (A)

BOARD (B)

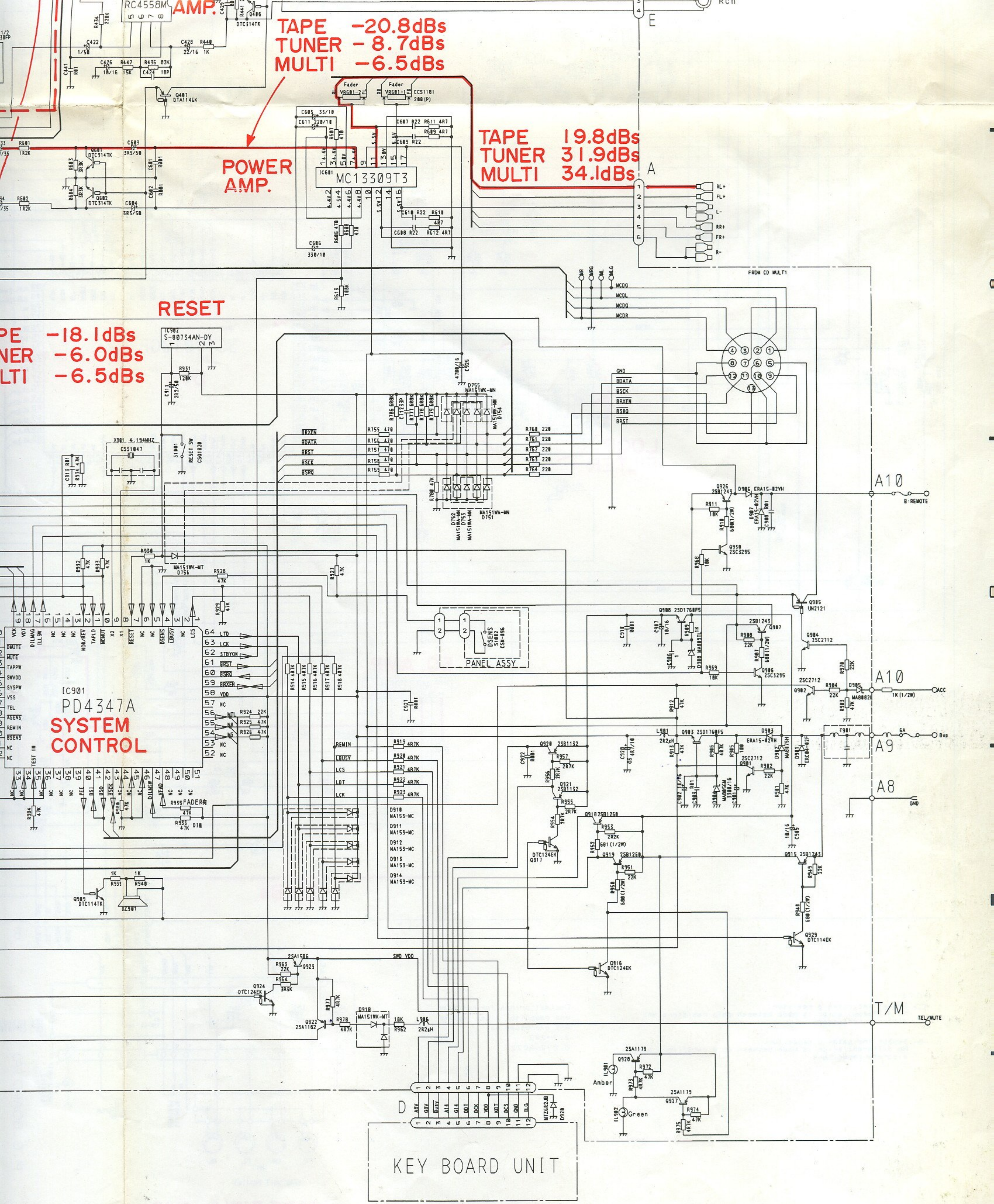


Fig. 11

19.4 KEY BOAD (CIRCUIT DIAGRAM)

KEY BOARD UNIT

NOTE:
 □ Symbol indicates a resistor.
 No differentiation is made between chip resistors and discrete resistors.
 ▭ Symbol indicates a capacitor.
 No differentiation is made between chip capacitors and discrete capacitors.

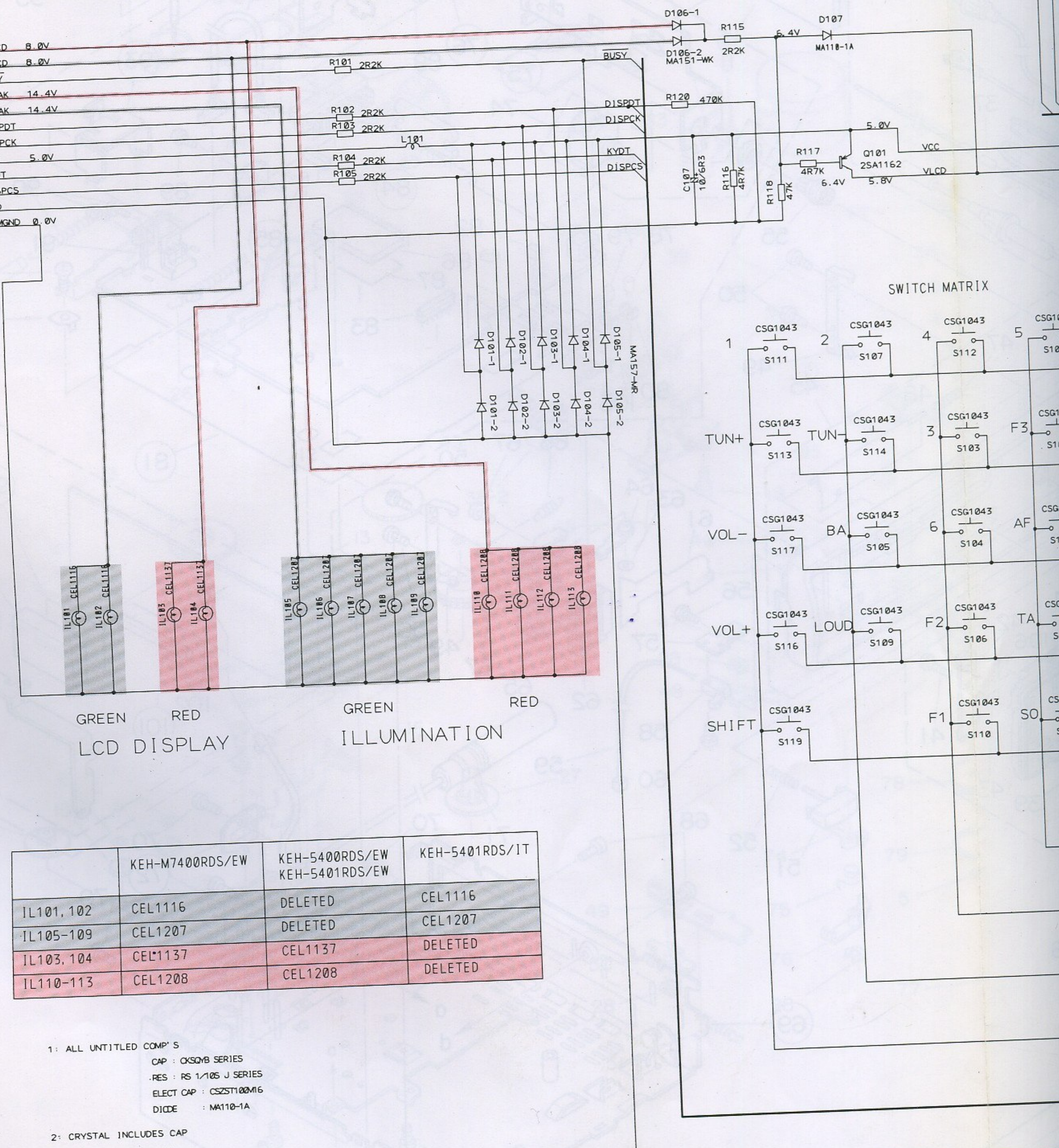
Decimal points for resistor and capacitor fixed values are expressed as:
 2.2→2R2
 0.022→R022

TO MOTHER BOARD

CKS1663
 CN101

- 1 ORLCD 8.0V
- 2 GRLCD 8.0V
- 3 BUSY
- 4 ORBAK 14.4V
- 5 GRBAK 14.4V
- 6 DISPDT
- 7 DISPCK
- 8 VDD 5.0V
- 9 KYDT
- 10 DISPCS
- 11 GND
- 12 LUMGND 0.0V

TO TUNER AMP UNIT

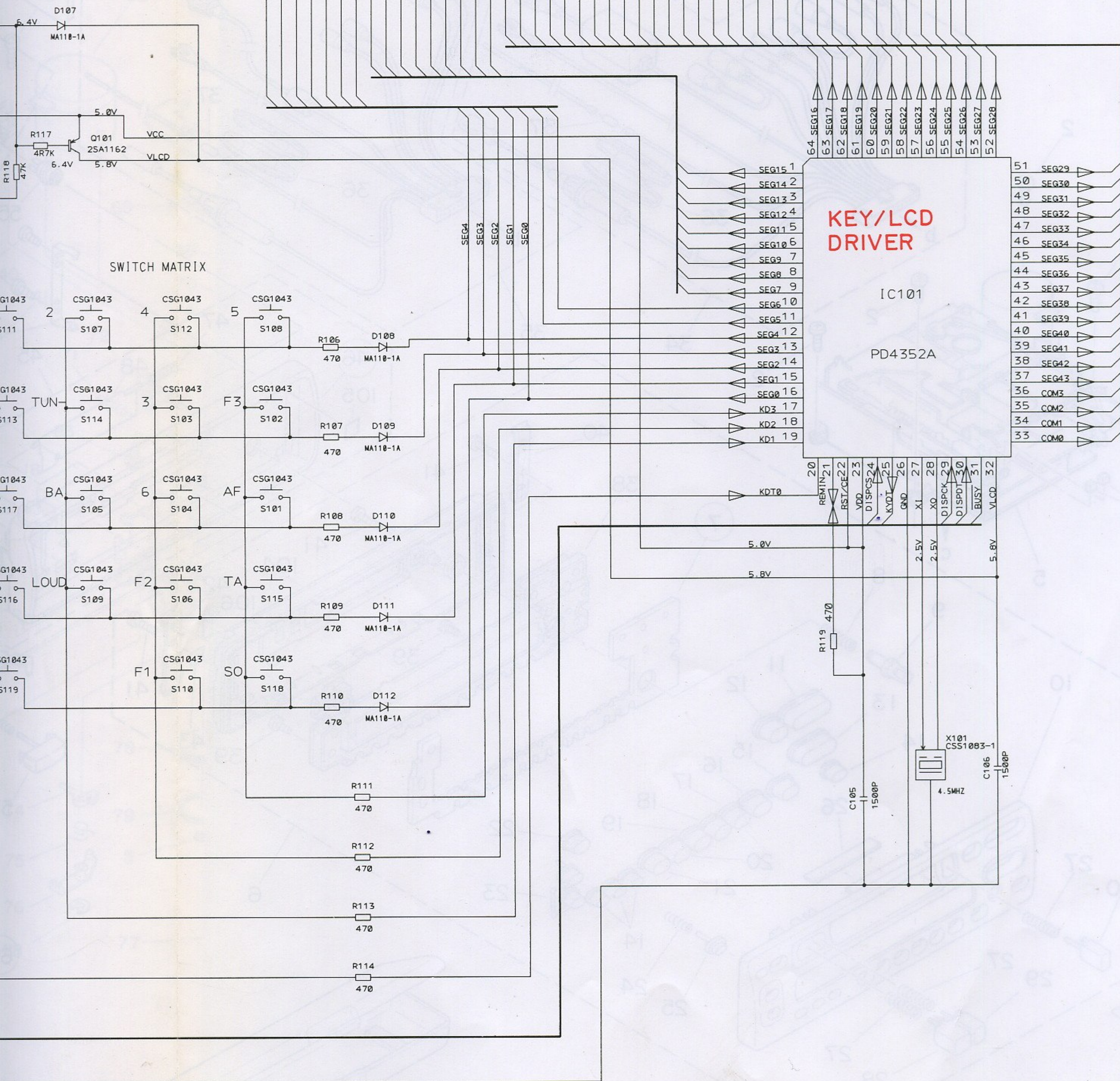


	KEH-M7400RDS/EW	KEH-5400RDS/EW KEH-5401RDS/EW	KEH-5401RDS/IT
IL101, 102	CEL1116	DELETED	CEL1116
IL105-109	CEL1207	DELETED	CEL1207
IL103, 104	CEL1137	CEL1137	DELETED
IL110-113	CEL1208	CEL1208	DELETED

- 1: ALL UNTITLED COMP'S
 CAP : CKSQB SERIES
 RES : RS 1/105 J SERIES
 ELECT CAP : CSZST100M16
 DIODE : MA110-1A
- 2: CRYSTAL INCLUDES CAP
- 3: DUAL ILLUMINATION

LCD101 RDS LCD DISPLAY (QUAD) CAW1151-2

Values for resistor
fixed values
as:



A

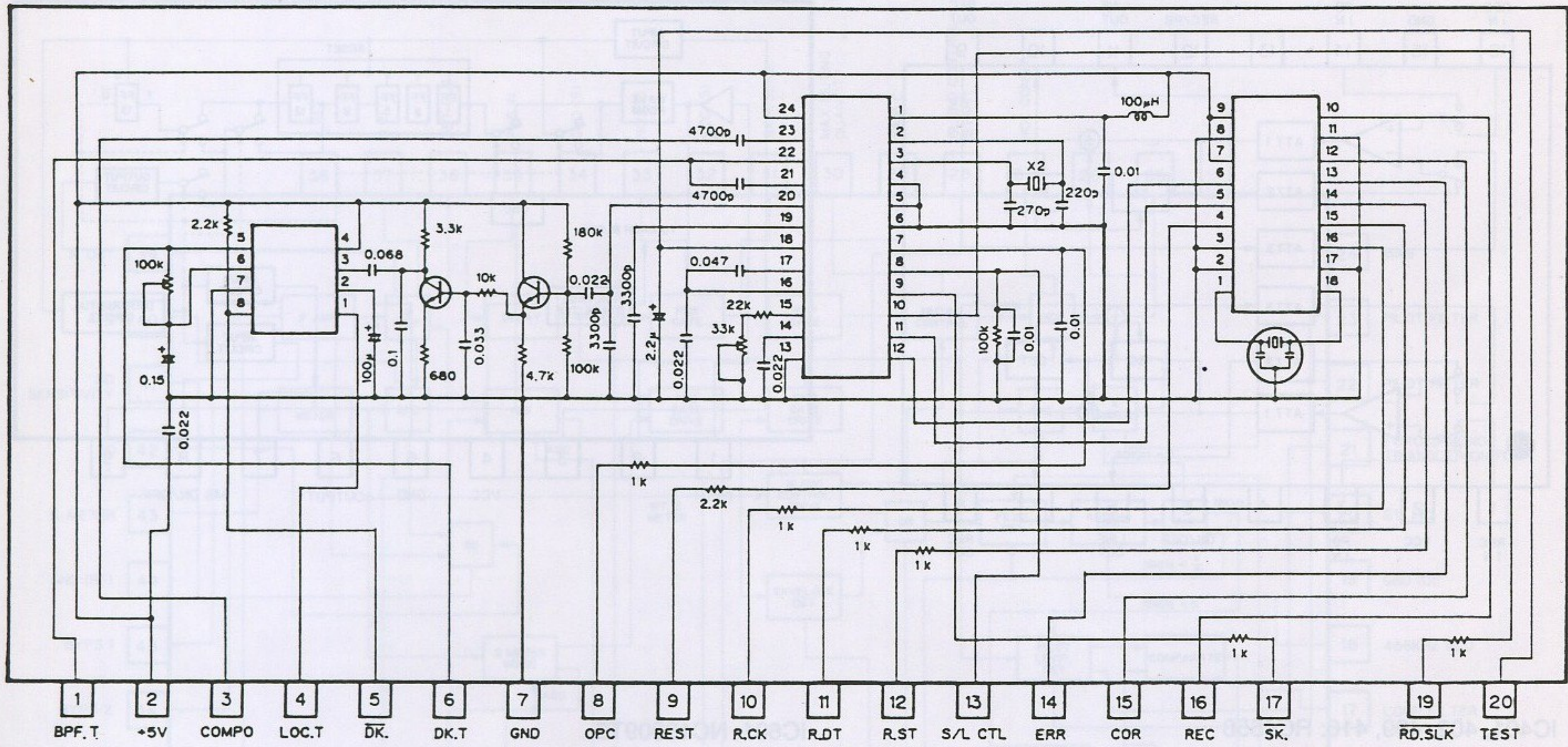
B

C

D

IC801: CWV1020

IC81: PA4012B



IC902: S-80734AN-DY

IC903: TA8214K

