

JVC

SCHEMATIC DIAGRAMS

PDP COLOUR TELEVISION

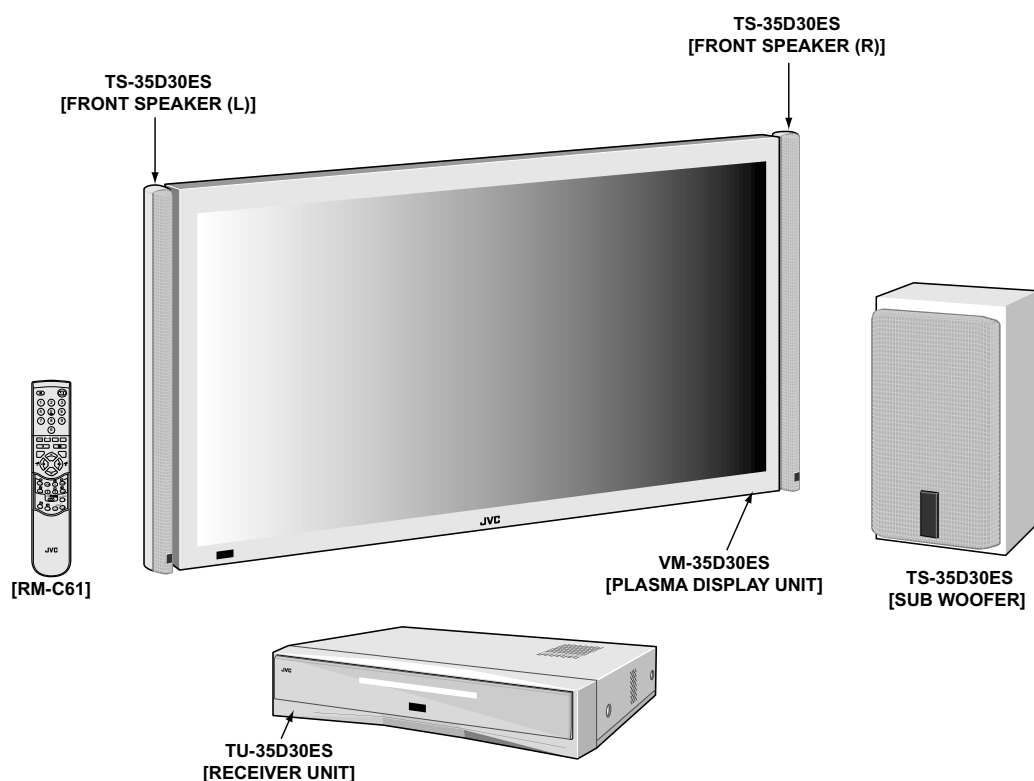
PD-35D30ES

CD-ROM No.SML200304

BASIC CHASSIS

MK

InterArt


D.I.S.T.
 Digital Image Scaling Technology
T-V LINK


PD-35D30ES

STANDARD CIRCUIT DIAGRAM

NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the Δ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
 - (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
 - (3)Internal resistance of tester : DC 20k Ω /V
 - (4)Osilloscope sweeping time : H \Rightarrow 20 μ s/div
: V \Rightarrow 5ms/div
: Others \Rightarrow Sweeping time is specified
 - (5)Voltage values : All DC voltage values
- * Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

- Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

- Rated allowable power

- No indication : 1/ 16 [W]
- Others : As specified

- Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uniflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

- Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

- Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
AC indicated : AC withstand voltage [V]

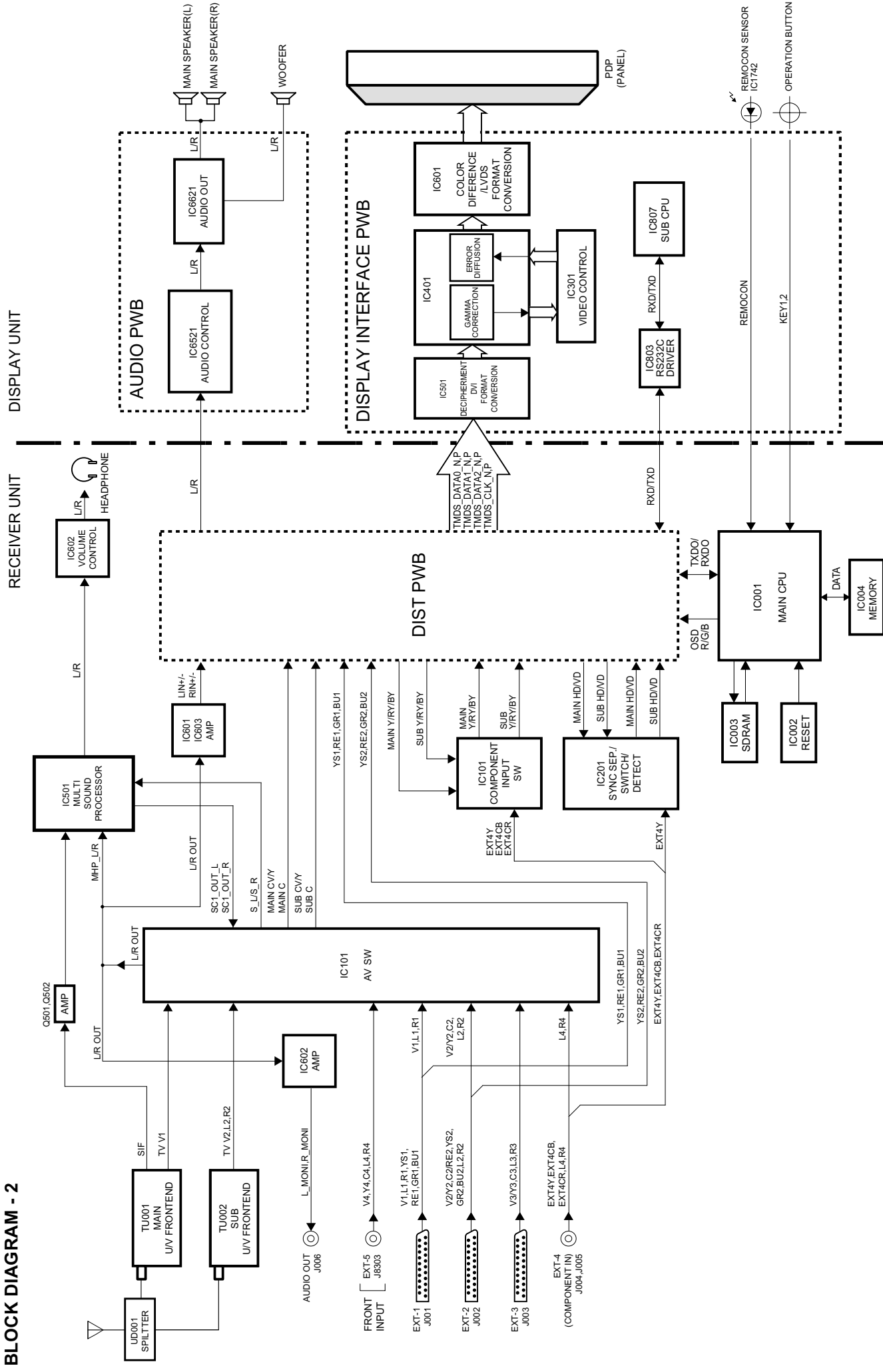
* Electrdytic Capacitors
4750[Example]: Capacitance value [μ F]/withstand voltage[V]

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BLOCK DIAGRAM - 2

PD-35D30ES PD-35D30ES

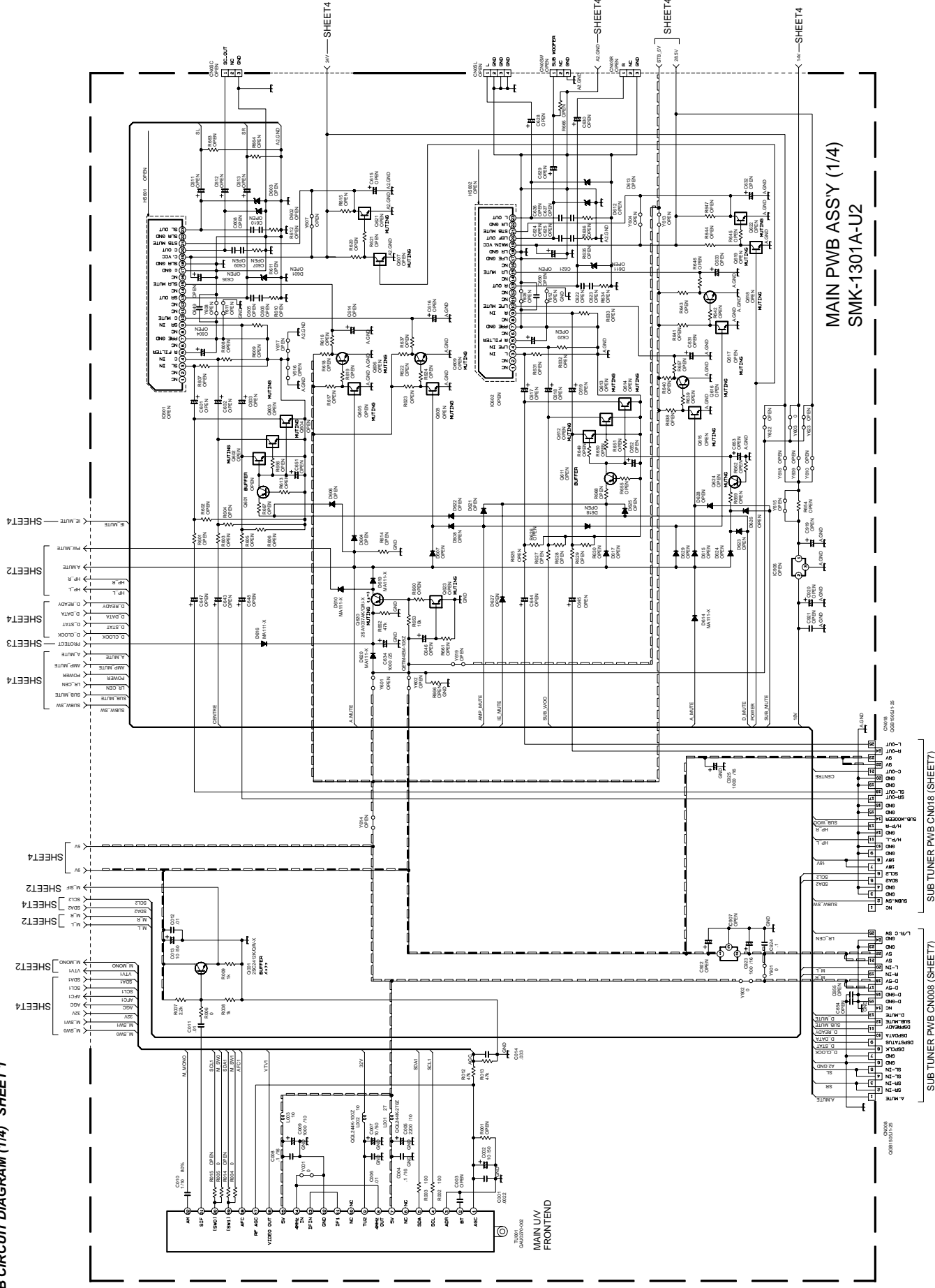


CIRCUIT DIAGRAMS [RECEIVER UNIT]

MAIN PWB CIRCUIT DIAGRAM (1/4) SHEET 1

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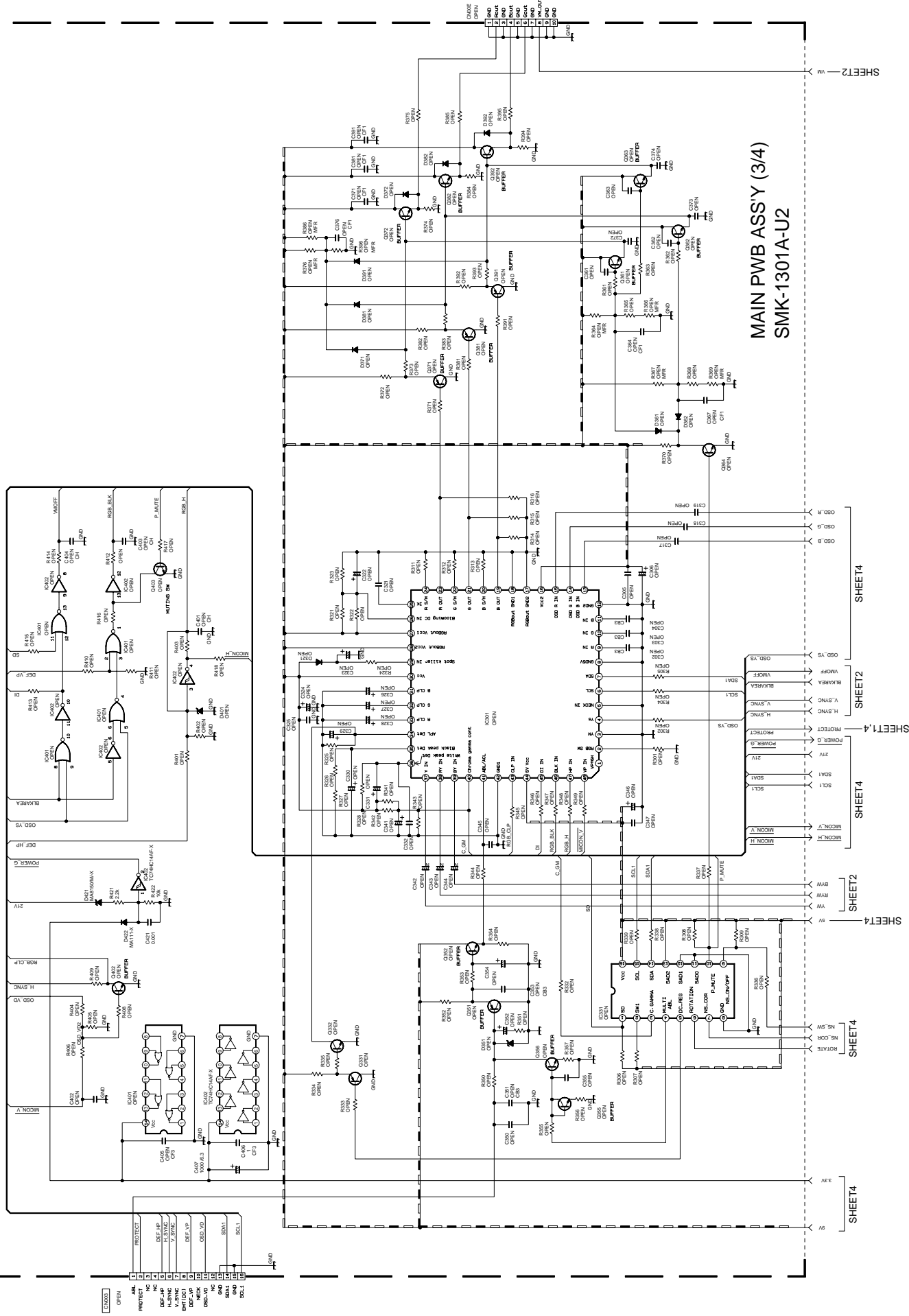
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CN305
QG C2507C1-96

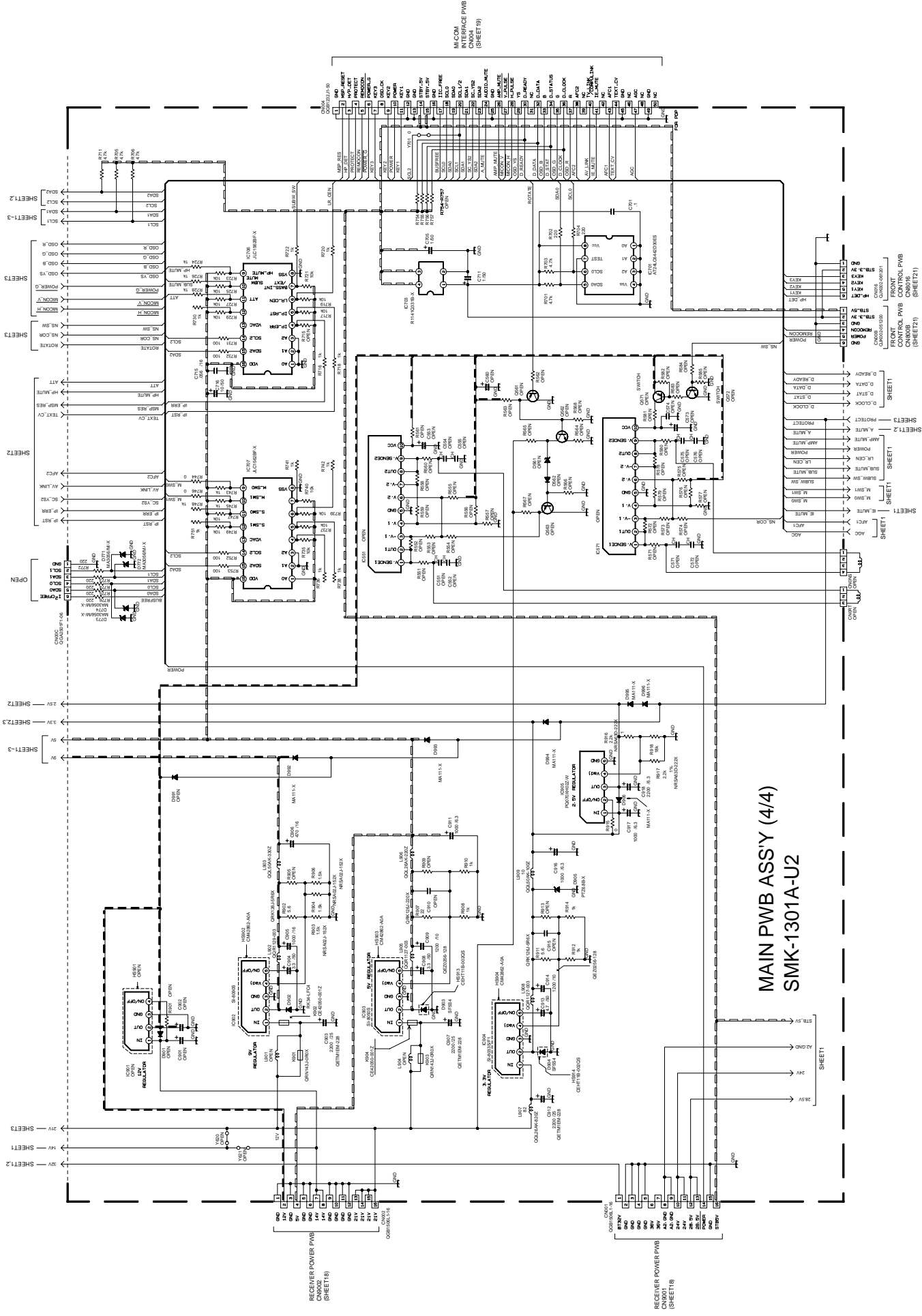


MAIN PWB CIRCUIT DIAGRAM (3/4) SHEET 3



MAIN PWB ASSY (3/4)
SMK-1301A-U2

MAIN PWB CIRCUIT DIAGRAM (4/4) SHEET 4

RECEIVER POWER PWB
CN9002
(SHEET18)

AV SW PWB CIRCUIT DIAGRAM SHEET 5

