


SCHEMATIC DIAGRAM




MODEL : 21CJZ6SR/21CJZ7DR

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON THE MANUAL FOR THIS MODEL.

CAUTION: The international hazard symbols "" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on the MANUAL for this model. Do not degrade the safety of the receiver through improper servicing.

NOTE:

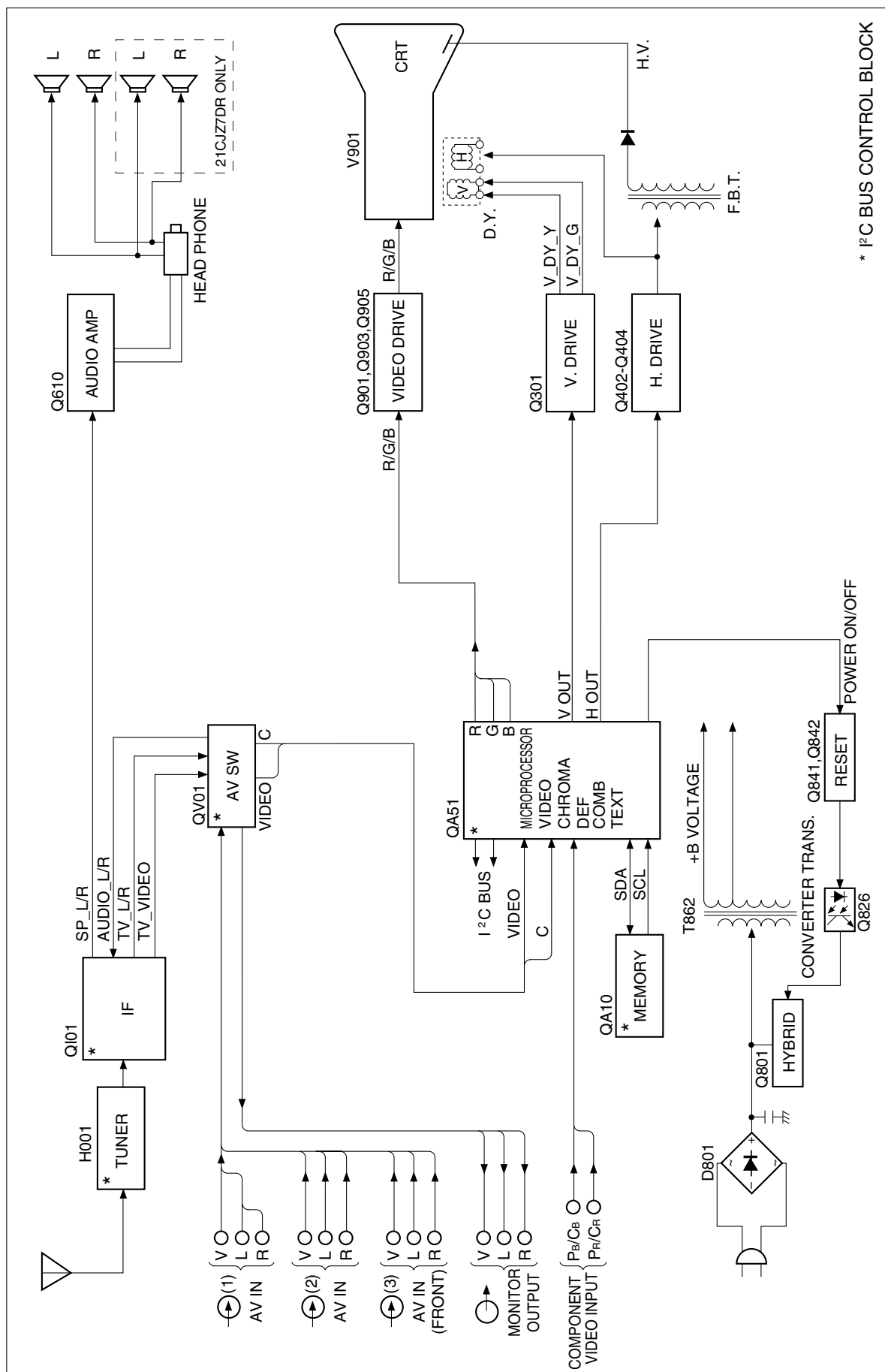
1. RESISTOR Resistance is shown in ohm [K = 1.000, M = 1.000.000]. All resistors are 1/6W and 5% tolerance carbon resistor, unless otherwise noted as the following marks.
 1/2R = Metal or Metal oxide of 1/2 watt 1/2S = Carbon composition of 1/2 watt
 1RF = Fuse resistor of 1 watt 10W = Cement of 10 watt
 K = $\pm 10\%$ G = $\pm 2\%$ F = $\pm 1\%$
2. CAPACITOR Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in F, and the values more than 1 in pF.
 All capacitors are ceramic 50V, unless otherwise noted as the following marks.

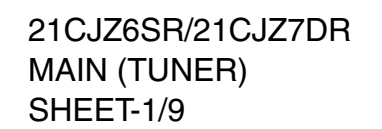
 Electrolytic capacitor
 Mylar capacitor
3. The parts indicated with "" have special characteristics, and should be replaced with identical parts only.
4. Voltages read with DIGITAL MULTI-METER from point indicated to chassis ground, using a color bar signal with all controls at normal, line voltage at 220 volts.
5. Waveforms are taken receiving color bar signal with enough sensitivity.
6. Voltage reading shown are nominal values and may vary $\pm 20\%$ except H.V.

■ SCHEMATIC DIAGRAM STRUCTURE:

MAIN Circuit	TUNER	[SHEET- 1/9]	1/12
	AV SW	[SHEET- 2/9]	2/12
	VERT	[SHEET- 3/9]	3/12
	HDEF	[SHEET- 4/9]	4/12
	VCD/MICON	[SHEET- 5/9]	5/12
	A-PRO/AUDIO-AMP	[SHEET- 6/9]	6/12
	PROTECTOR	[SHEET- 7/9]	7/12
	POWER	[SHEET- 8/9]	8/12
	LOW B REG	[SHEET- 9/9]	9/12
CRT DRIVE Circuit			10/12
FRONT AV Circuit			11/12
IF Circuit			12/12

CIRCUIT BLOCK DIAGRAM





1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

D

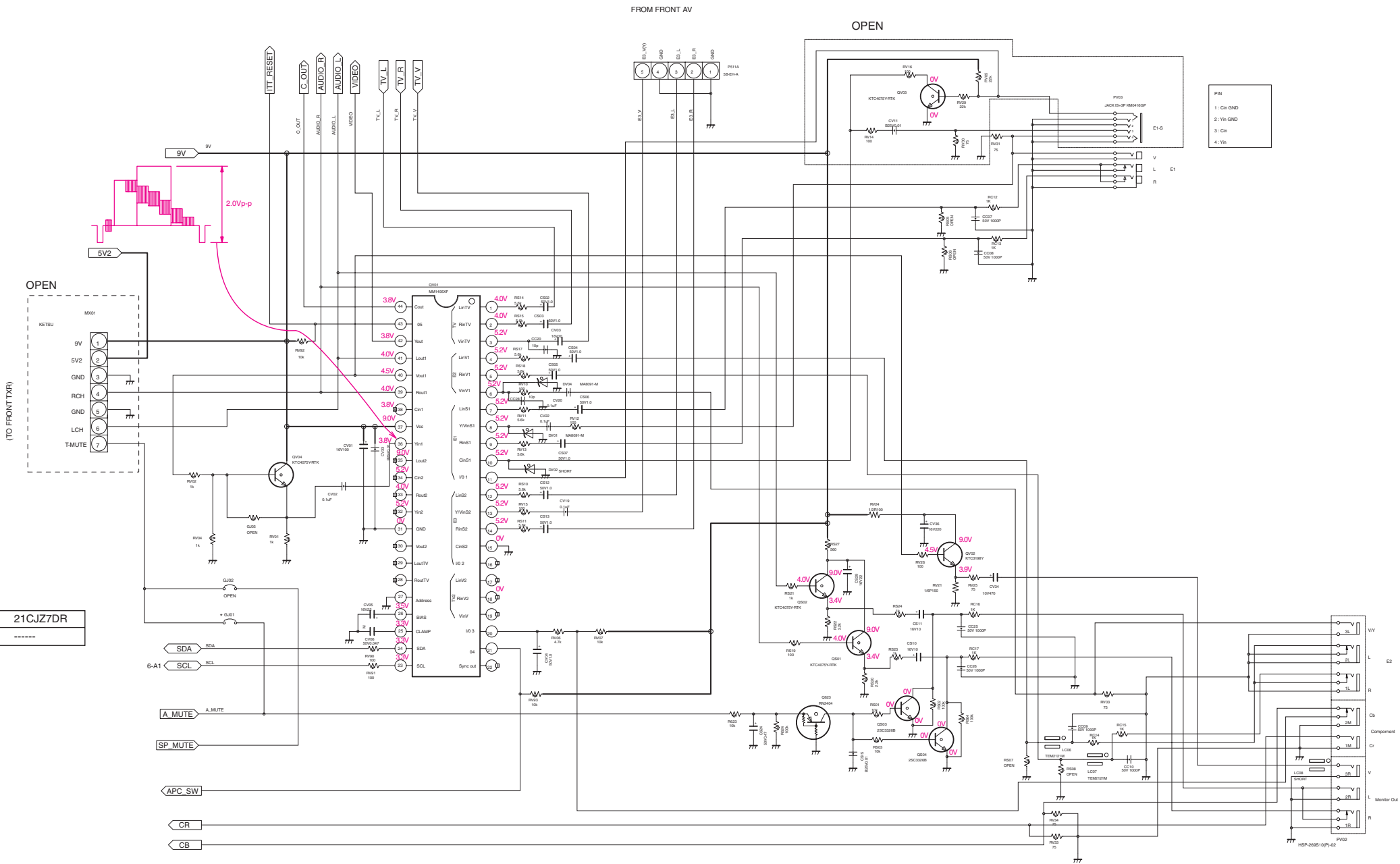
E

E

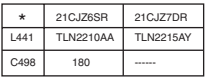
F

F

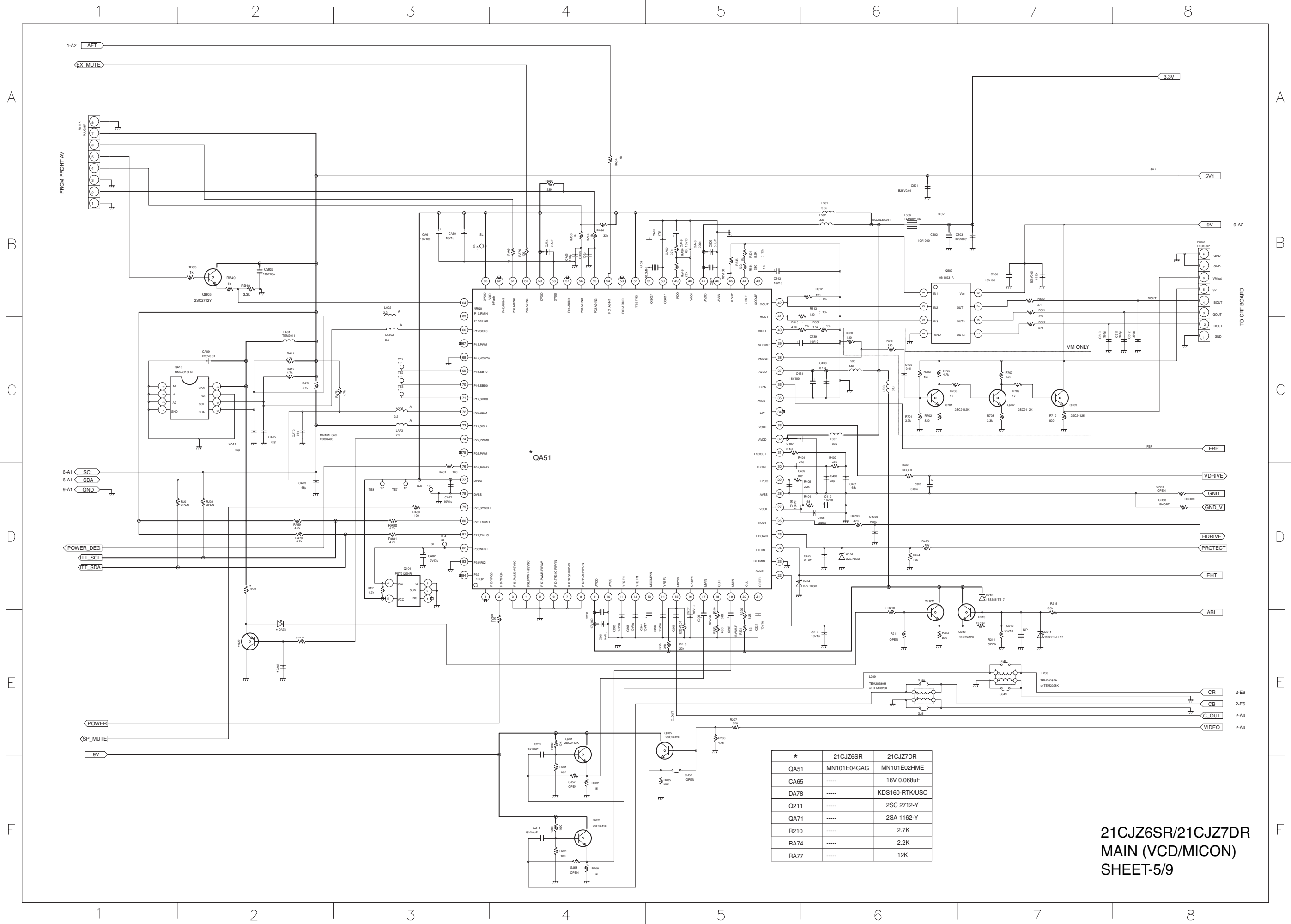
*	21CJZ6SR	21CJZ7DR
GJ01	SHORT	-----



21CJZ6SR/21CJZ7DR
MAIN (AV SW)
SHEET-2/9



(4/12)



*	21CJ6SR	21CJ7DR
QA51	MN101E04GAG	MN101E02HME
CA65	-----	16V 0.068uF
DA78	-----	KDS160-RTK/USC
Q211	-----	2SC 2712-Y
QA71	-----	2SA 1162-Y
R210	-----	2.7K
RA74	-----	2.2K
RA77	-----	12K

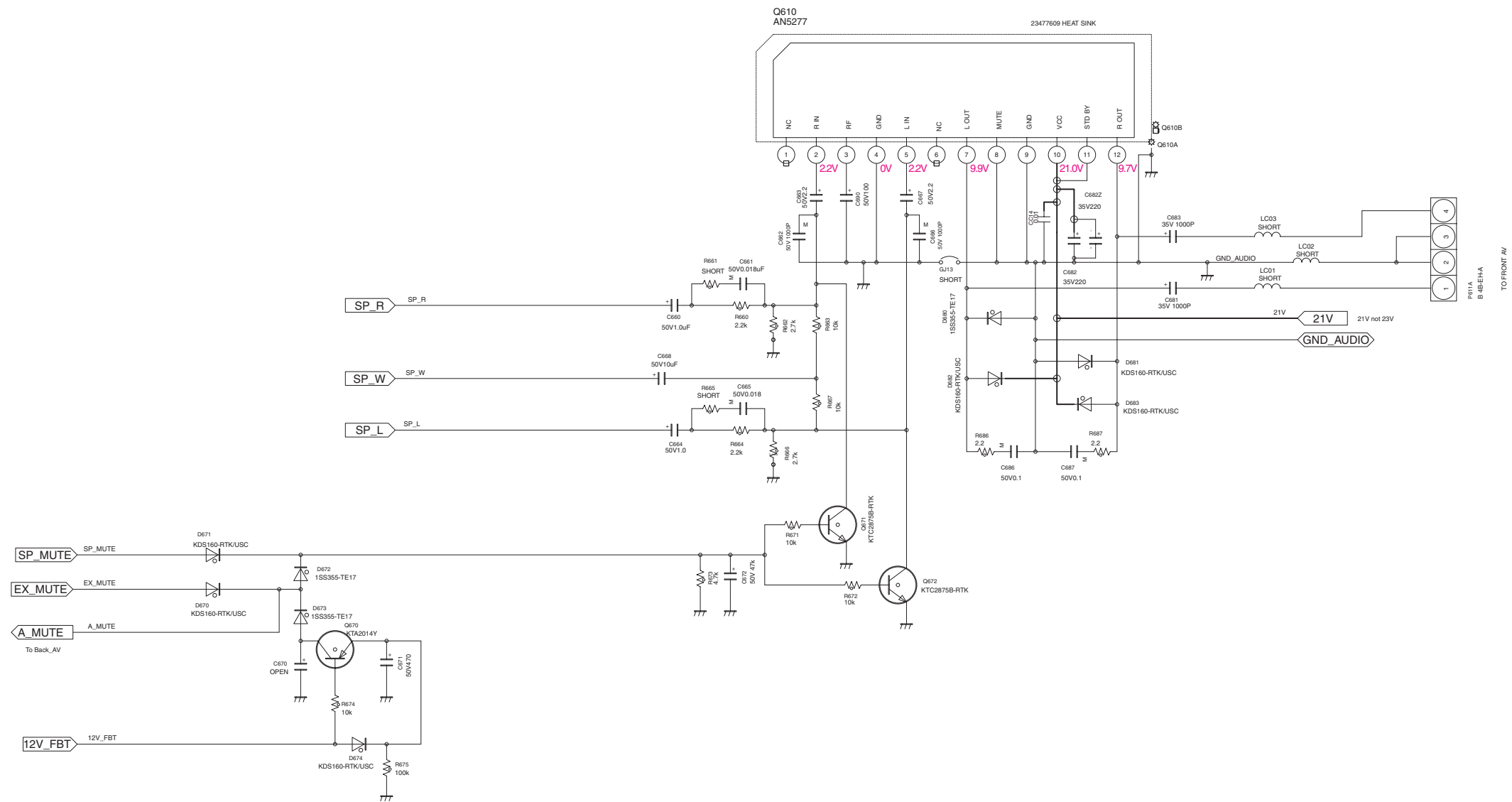
21CJ6SR/21CJ7DR
MAIN (VCD/MICON)
SHEET-5/9

1

2

A

A



B

B

21CJZ6SR/21CJZ7DR
MAIN (A-PRO/AUDIO-AMP)
SHEET-6/9

1

2

1

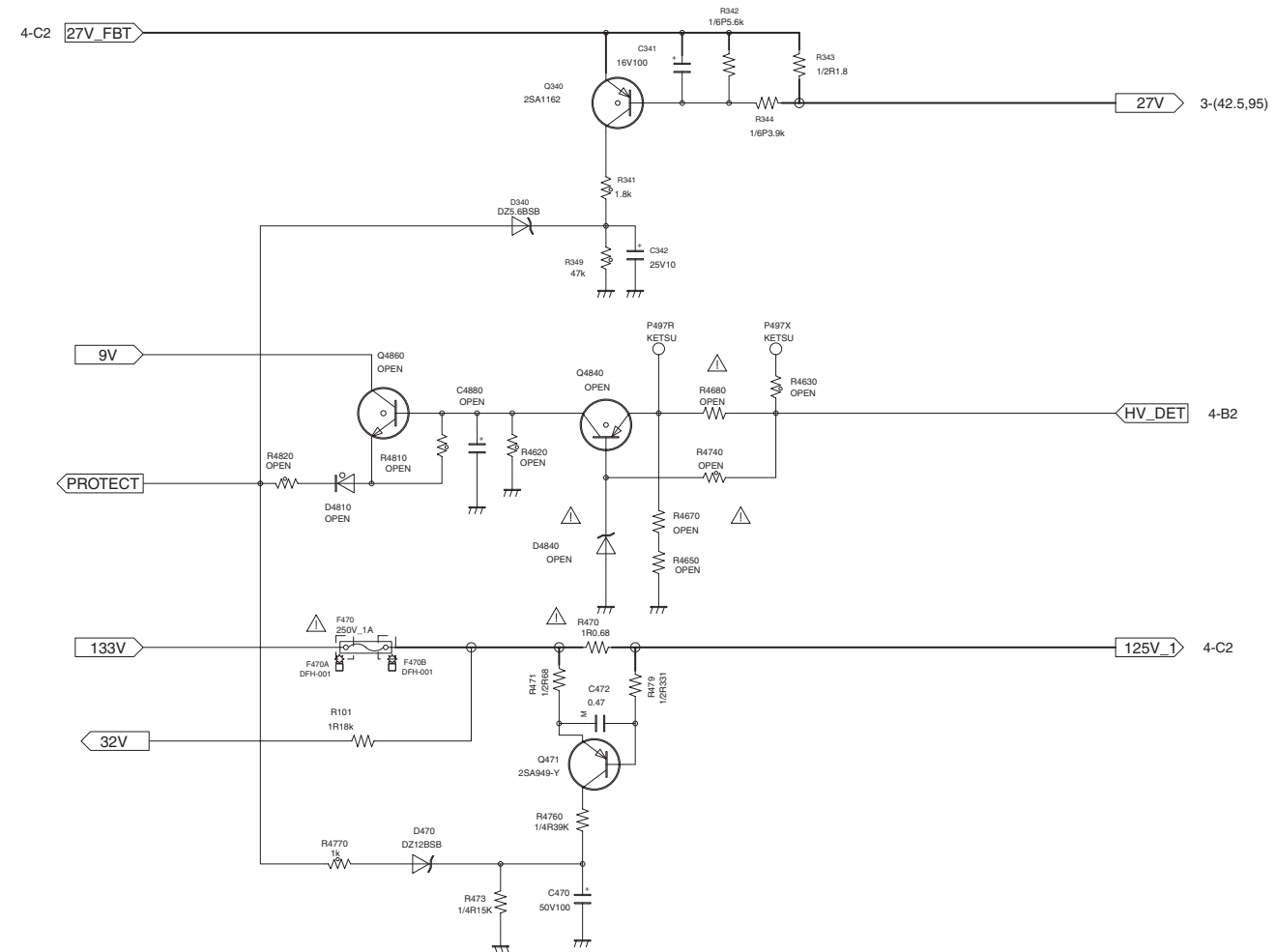
2

A

A

B

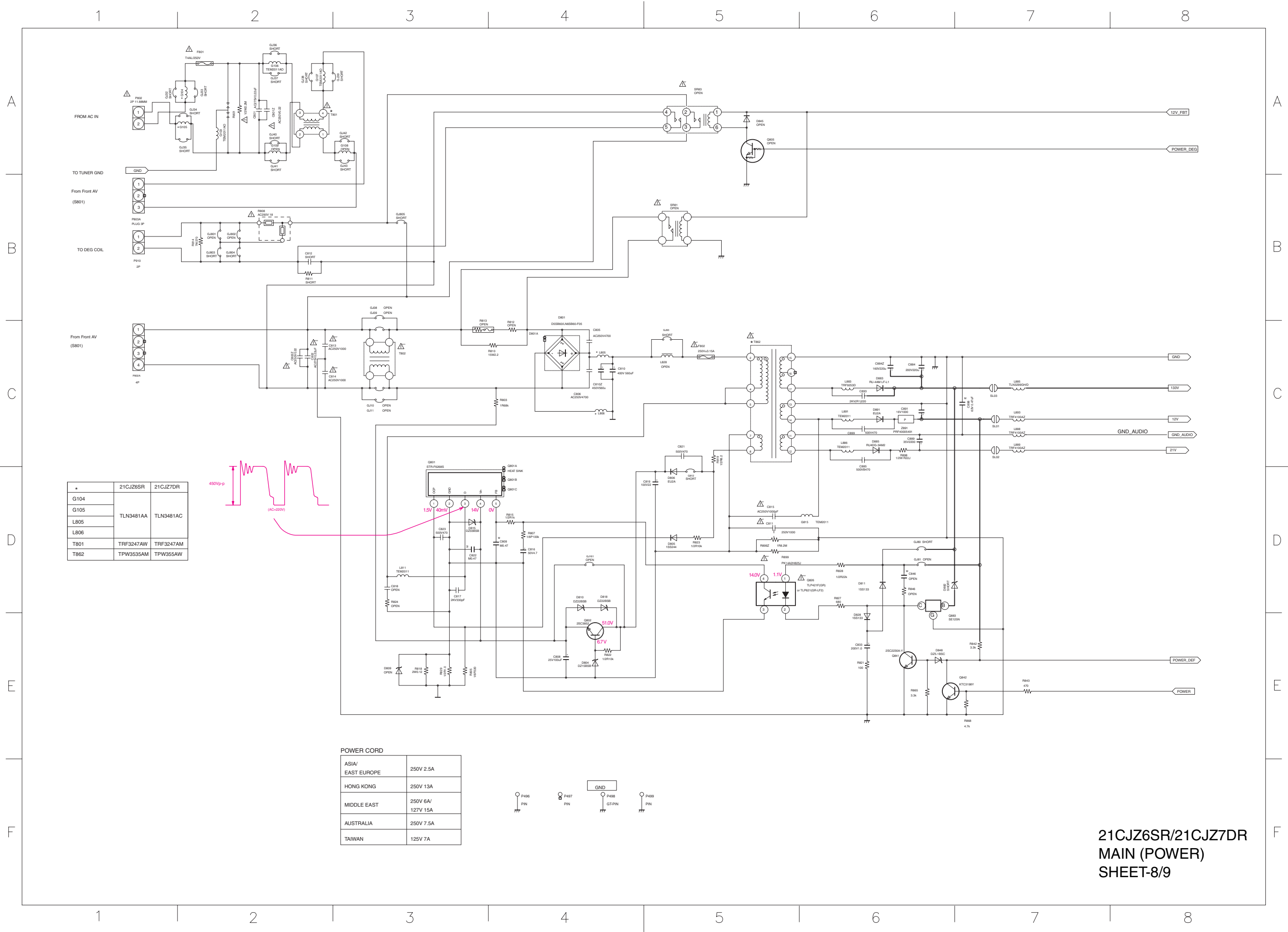
B



21CJZ6SR/21CJZ7DR
MAIN (PROTECTOR)
SHEET-7/9

1

2



*	21CJZ6SR	21CJZ7DR
G104		
G105	TLN3481AA	TLN3481AC
L805		
L806		
T801	TRF3247AW	TRF3247AM
T862	TPW3535AM	TPW355AW

POWER CORD	
ASIA/ EAST EUROPE	250V 2.5A
HONG KONG	250V 13A
MIDDLE EAST	250V 6A/ 127V 15A
AUSTRALIA	250V 7.5A
TAIWAN	125V 7A



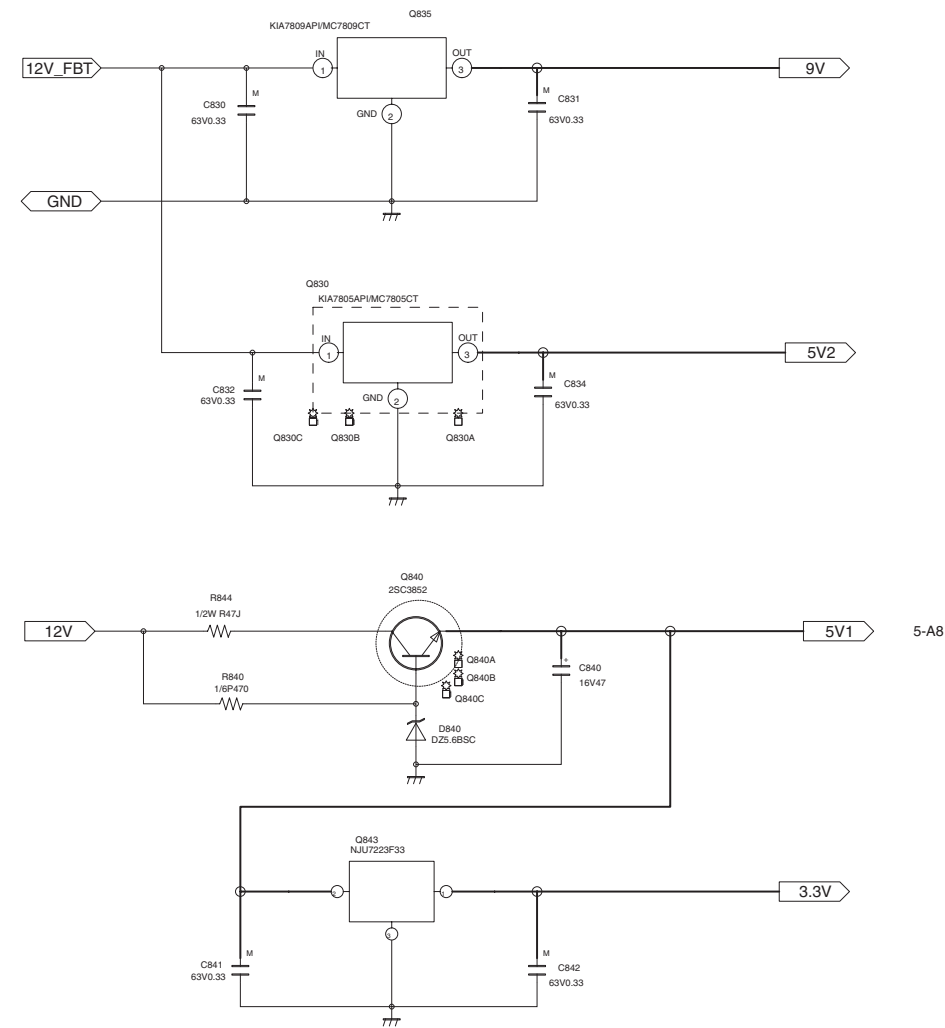
21CJZ6SR/21CJZ7DR
MAIN (POWER)
SHEET-8/9

1

2

A

A



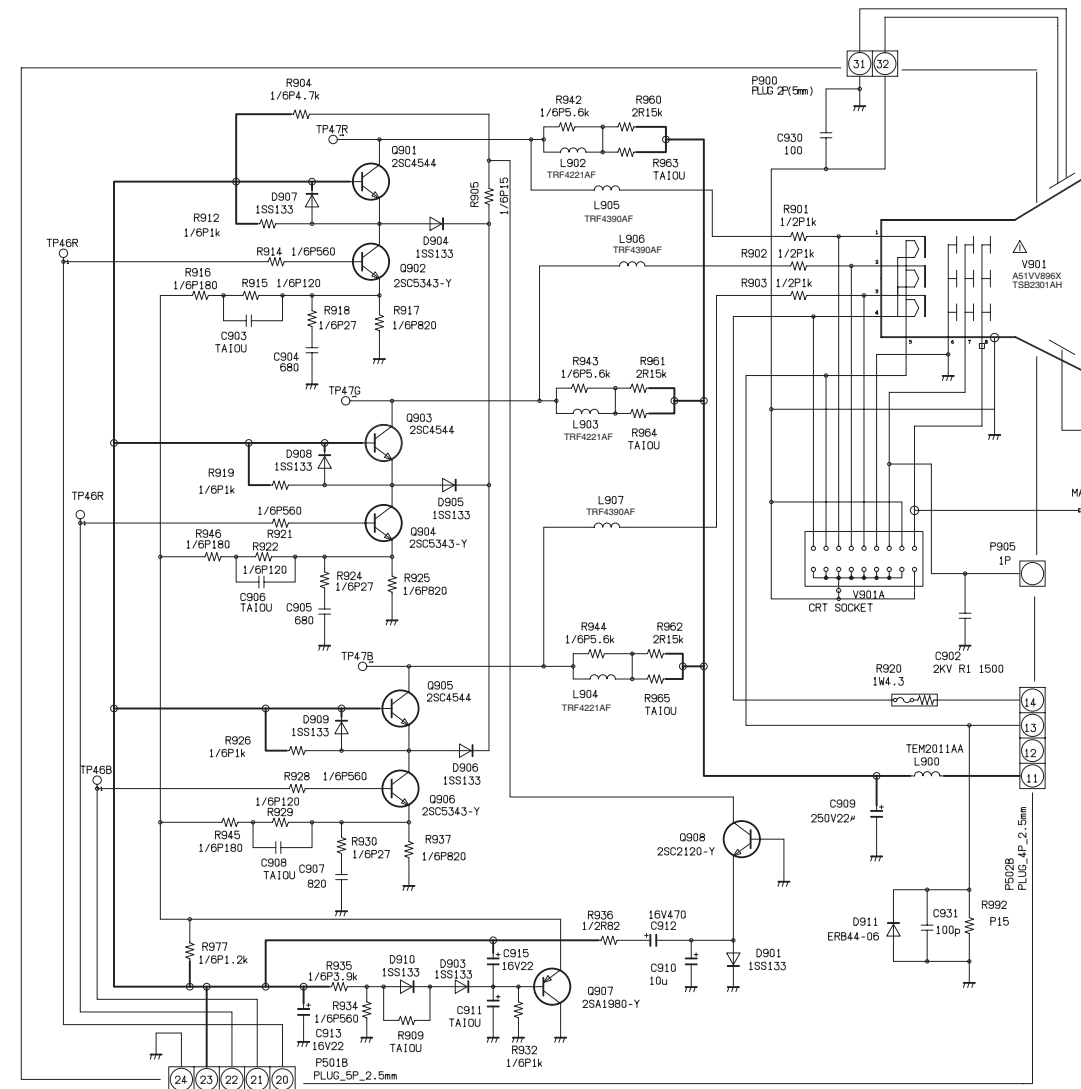
B

B

21CJZ6SR/21CJZ7DR
MAIN (LOW B REG)
SHEET-9/9

1

2



21CJZ6SR/21CJZ7DR
CRT DRIVE

