



SCHEMATIC DIAGRAM

MODEL : 34HF81 Chassis No. TAC0135

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 " \triangle " 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:

- 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 = $\pm 1\%$
- CAPACITOR** Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in μF , and the values more than 1 in pF.
All capacitors are ceramic 50V, unless otherwise noted as the following marks.
 Electrolytic capacitor  Mylar capacitor
- The parts indicated with " \triangle " have special characteristics, and should be replaced with identical parts only.
- Voltages read with DIGITAL MULTI-METER from point indicated to chassing ground, using a color bar signal with all controls at normal, line voltage 120 volts.
- Waveforms are taken receiving color bar signal with enough sensitivity.
- Voltage reading shown are nominal values and may vary $\pm 20\%$ except H.V.

■ SCHEMATIC DIAGRAM STRUCTURE:

- SIGNAL Circuit
- POWER / DEF / OTHER Circuit
- CRT-D / VM Circuit
- NEXT HYPER Circuit
- VERTICAL Circuit
- SRS-WOW Circuit

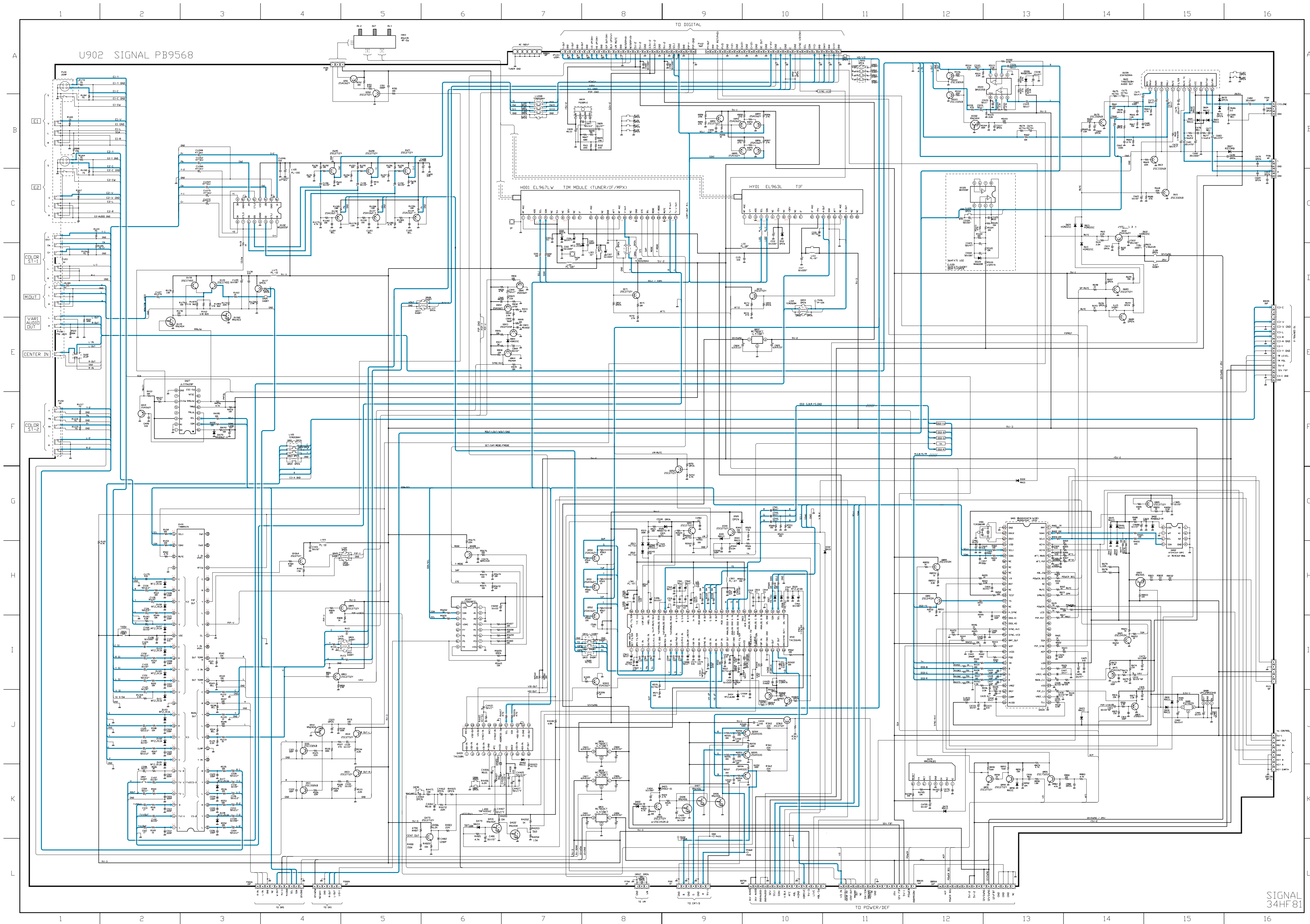
WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON THE MANUAL FOR THIS MODEL.

CAUTION: The international hazard symbols "Δ" 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
 RF = Fuse resistor of 1 watt 10W = Cement of 10 watt
 K = ±10% G = ±2% F = ±1%
- 2. CAPACITOR Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in μF, 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 "Δ" 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 120 volts.
- 5. Waveforms are taken receiving color bar signal with enough sensitivity.
- 6. Voltage reading shown are nominal values and may vary ±20% except H.V.



1

2

3

4

A

U902 SIGNAL PB9568

B

C

D

E

F

E1

E2

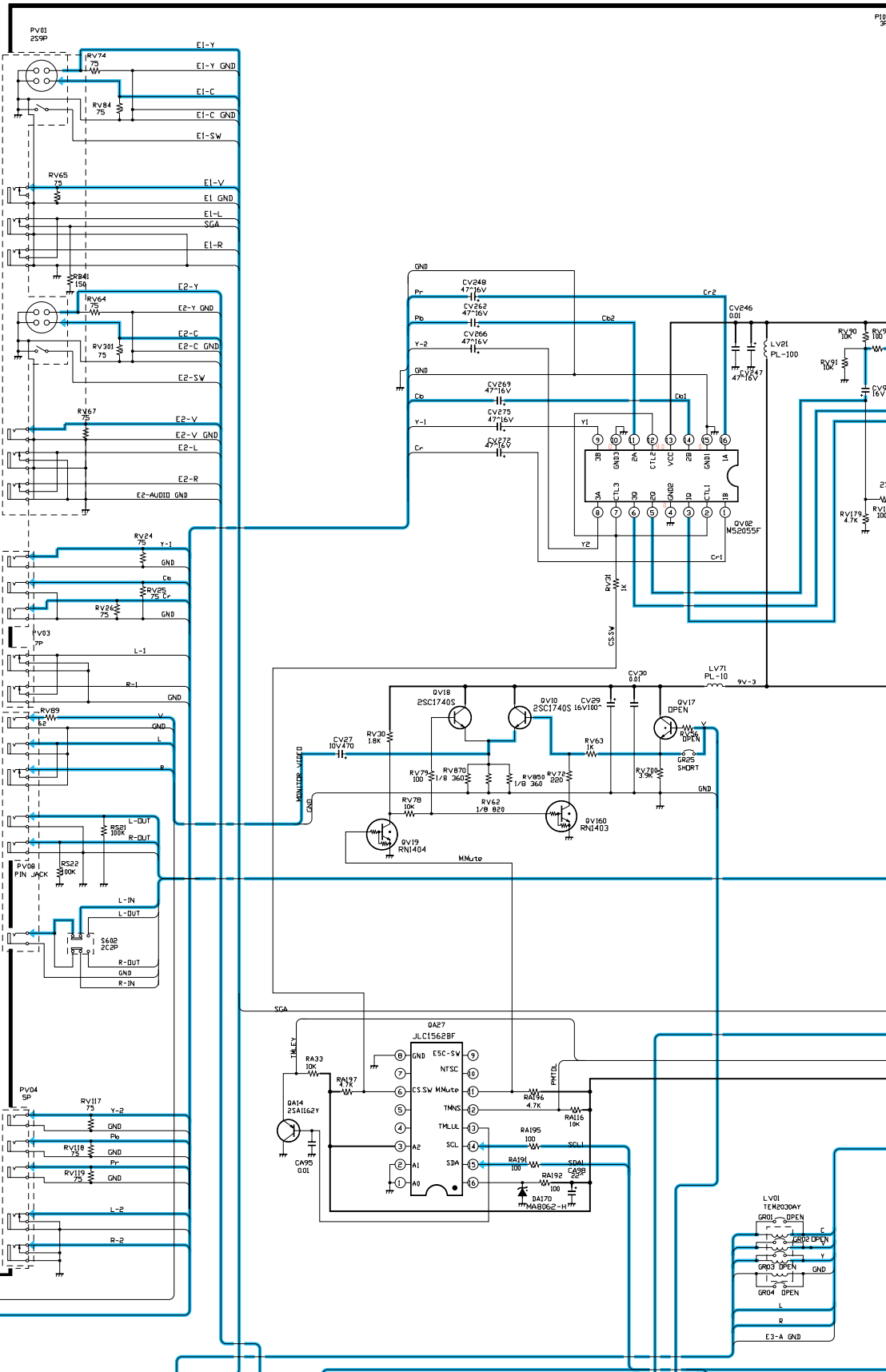
COLOR ST-1

M. OUT

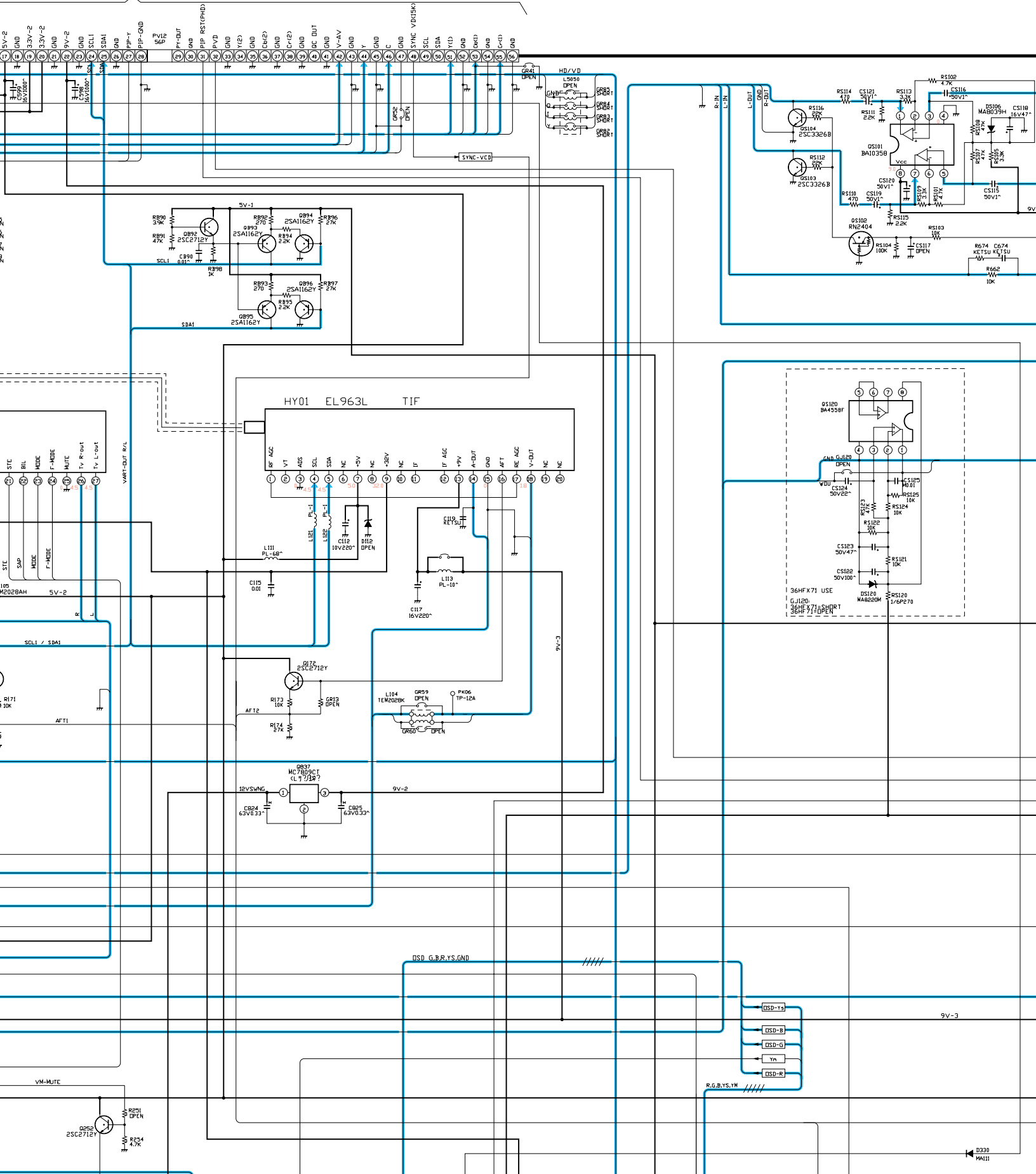
VARI AUDIO OUT

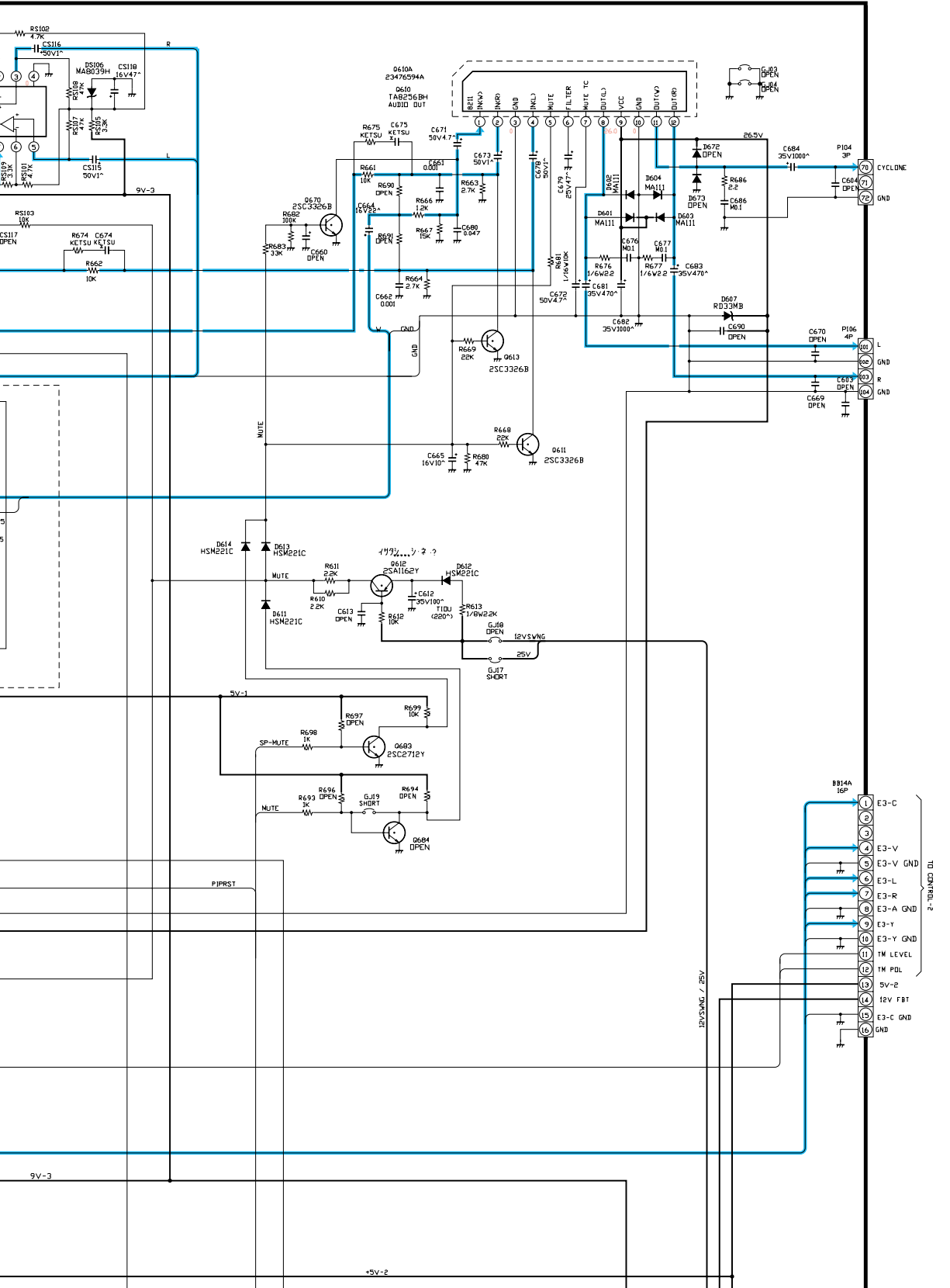
CENTER IN

COLOR ST-2



TO DIGITAL





A

B

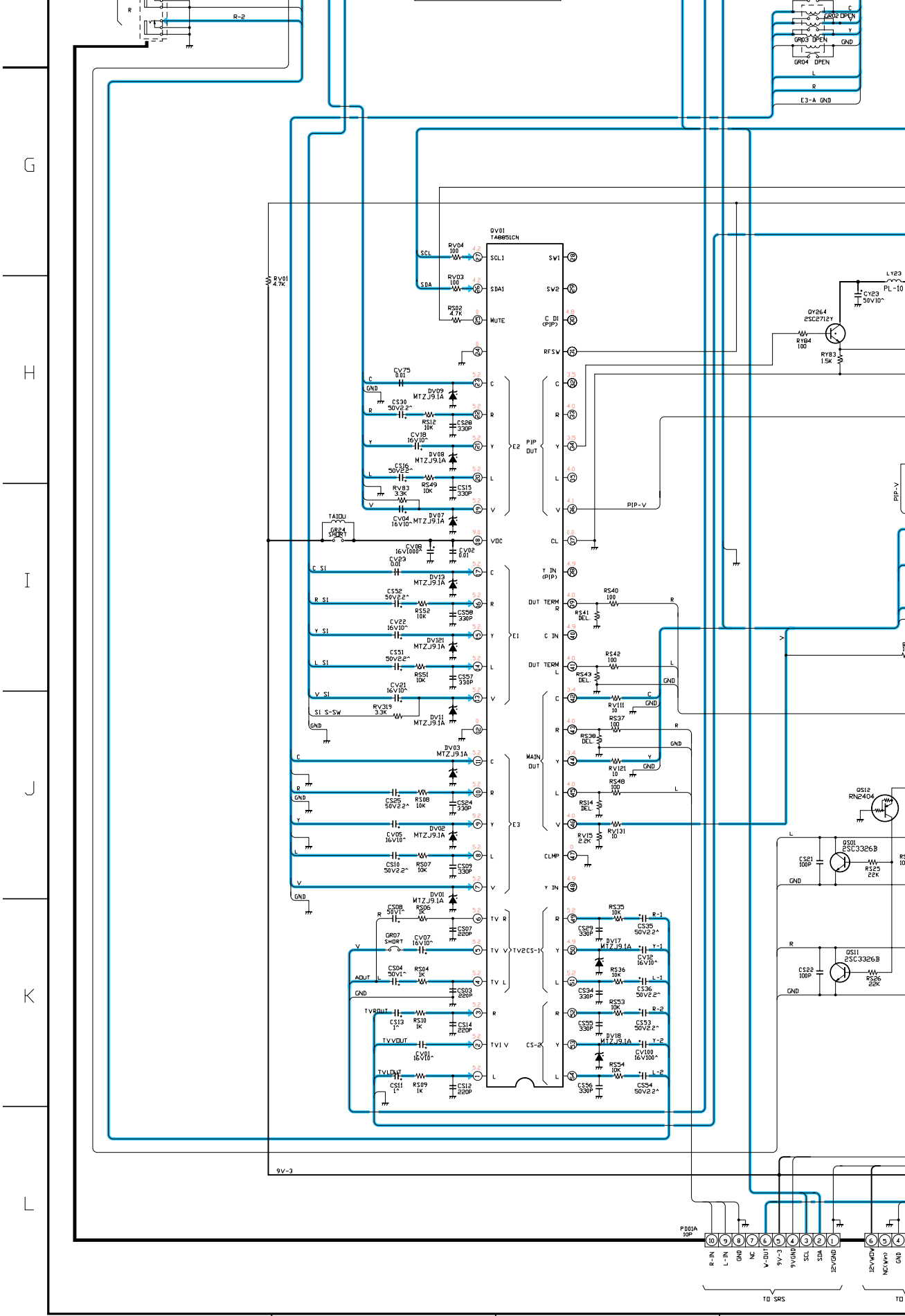
C

D

E

F





G

H

I

J

K

L

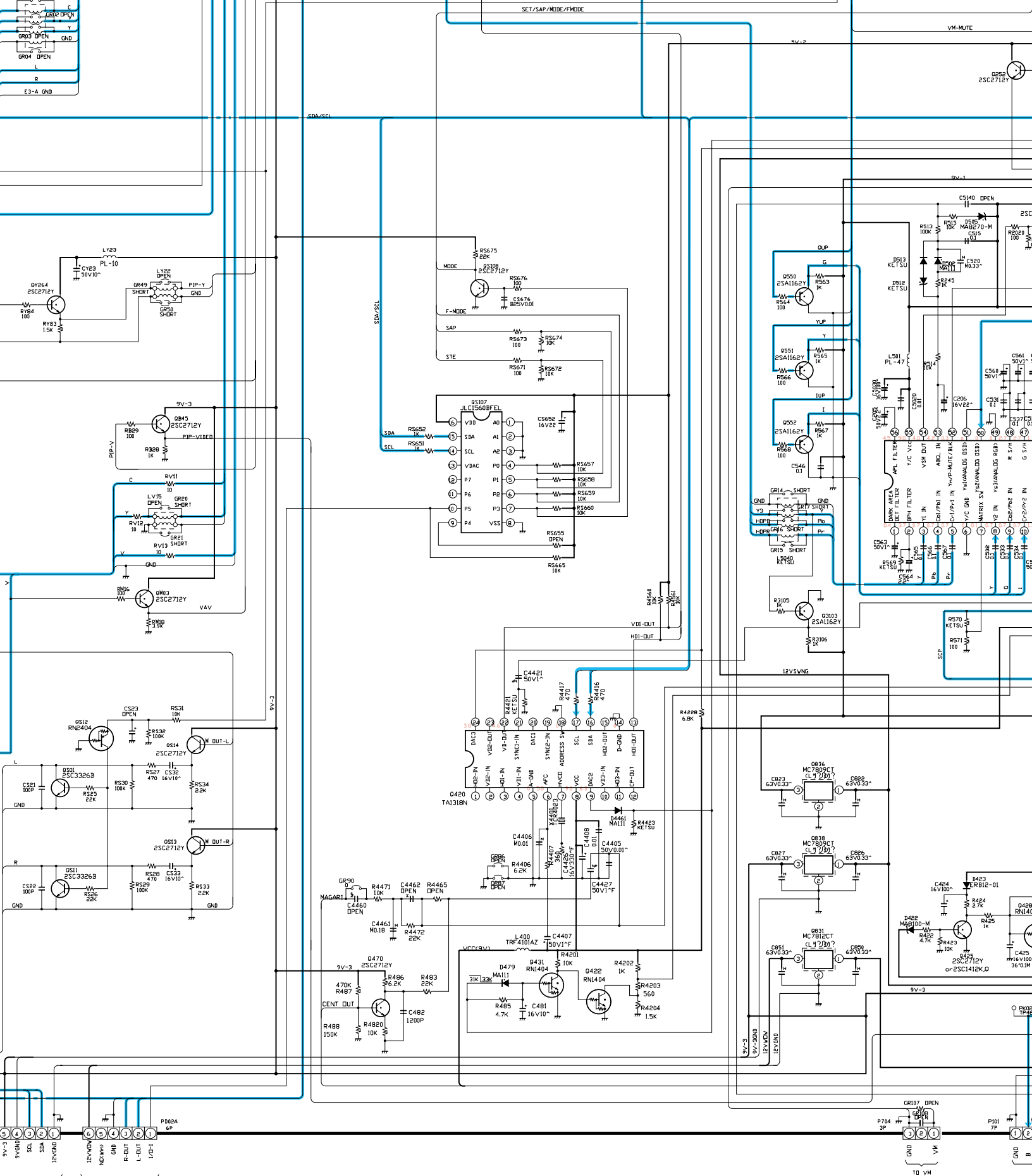
1

2

3

4

TO SRS



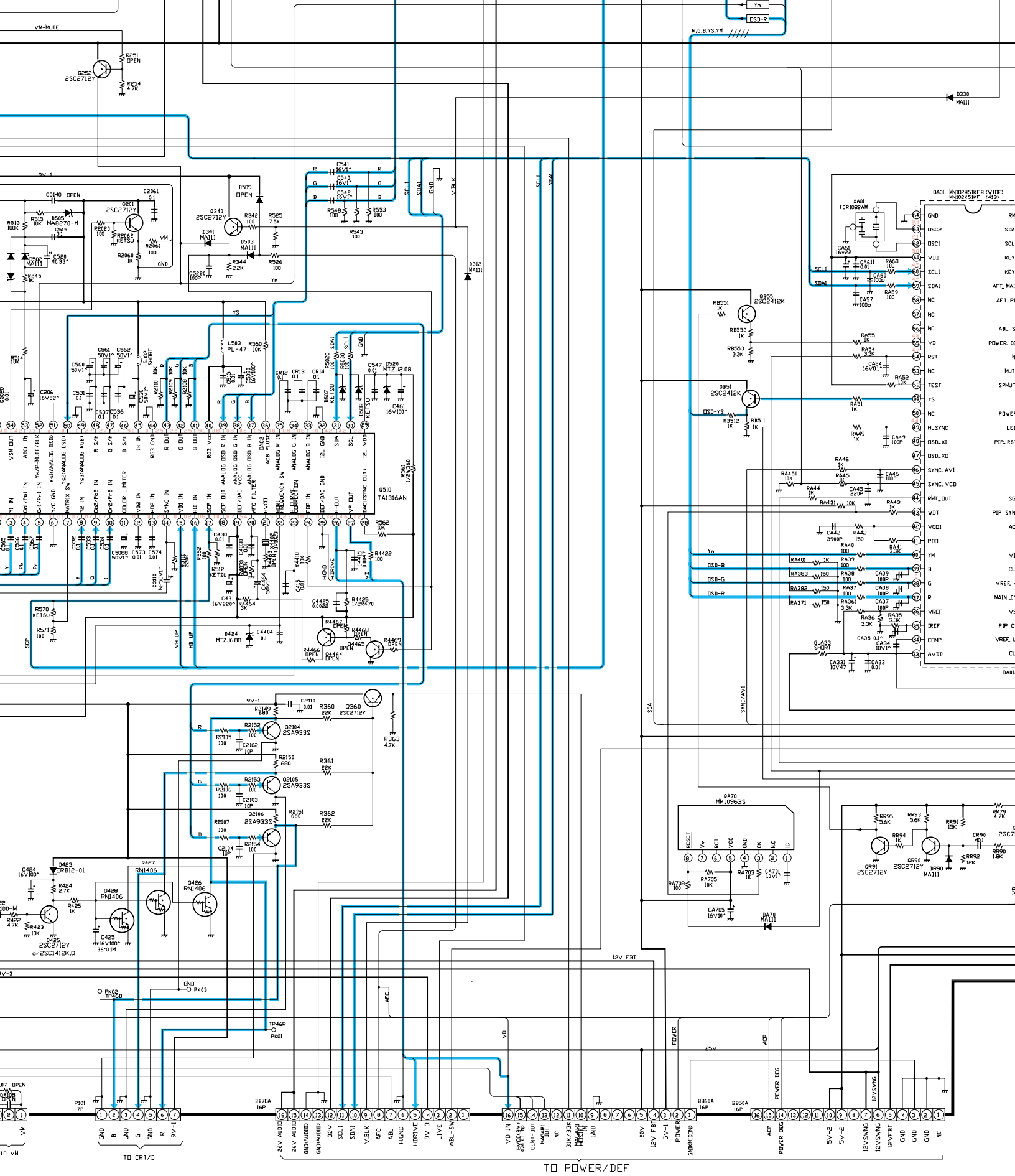
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6

7

8



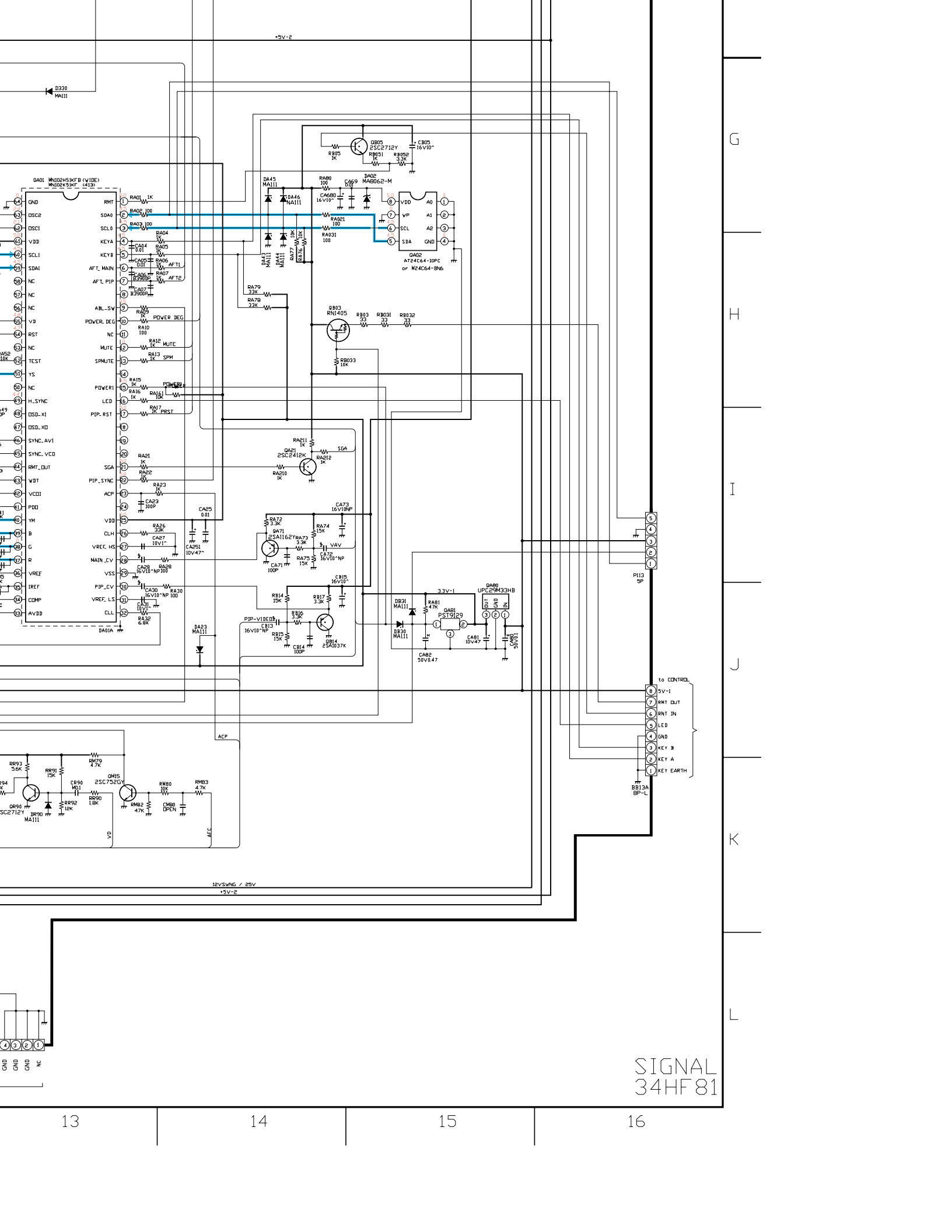
9

10

11

12

13



G

H

I

J

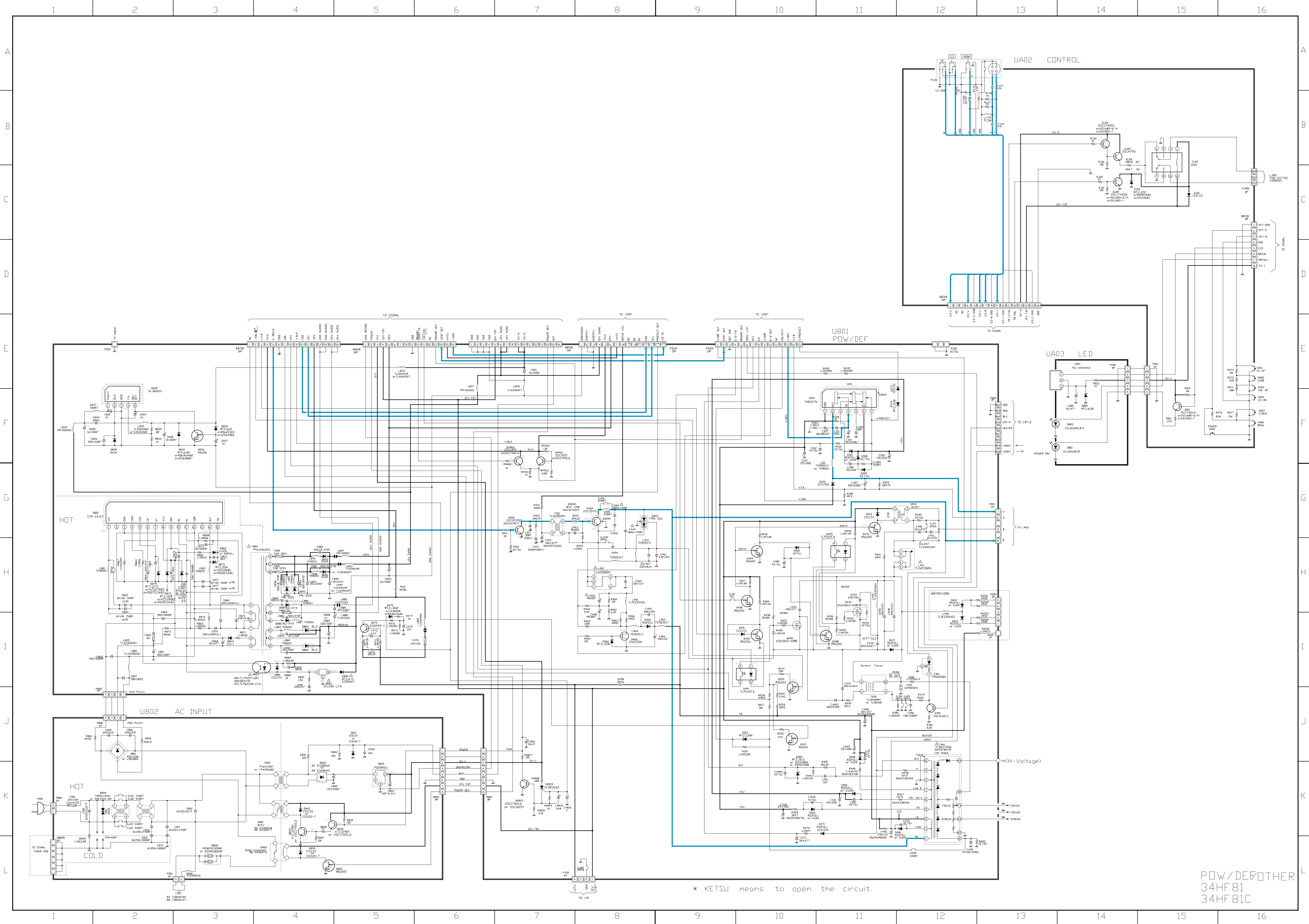
K

L

DA01 M102HSKTB (V1DE)
M102KSHCF 5412

1	GND
2	OSC2
3	OSC1
4	VDD
5	SCL1
6	SDA1
7	NC
8	NC
9	NC
10	VD
11	RST
12	MUTE
13	SPMUTE
14	NC
15	PDWER1
16	LED
17	PIP_RST
18	SGA
19	SGA
20	PIP_SYNC
21	ACP
22	VDD
23	YM
24	CLH
25	VREF_HS
26	MAIN_CV
27	VSS
28	PIP_CV
29	VREF_LS
30	CLL
31	AVDD
32	DADIA

SIGNAL
34HF81



* KETSU means to open the circuit.

POW/DEF OTHER
34HF81
34HF81C

1

2

3

4

A

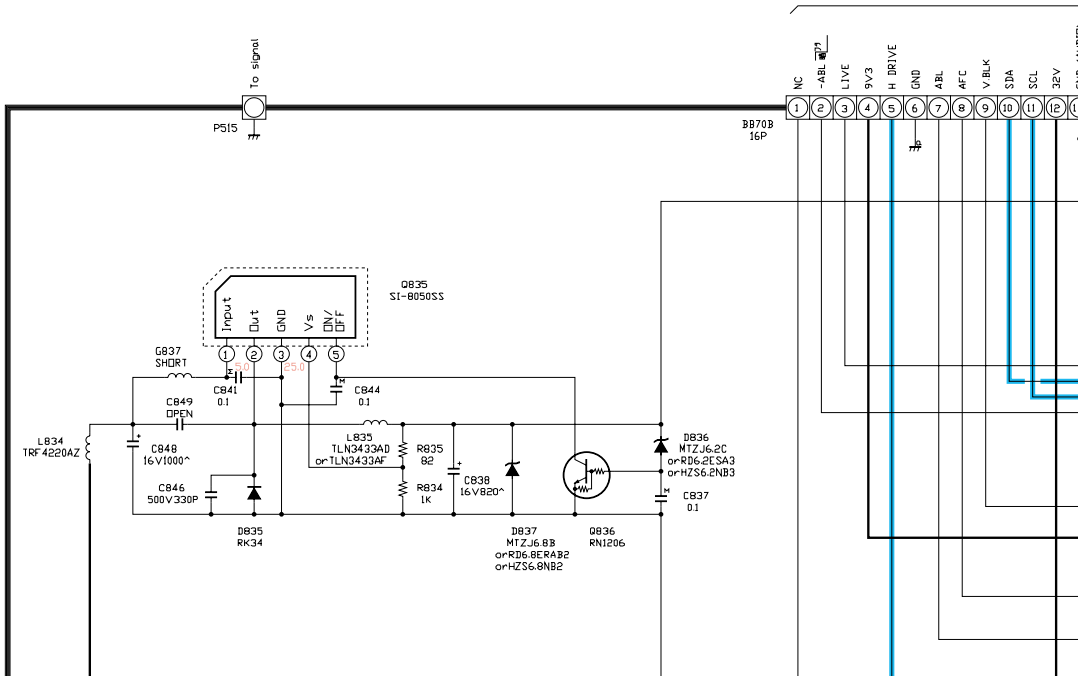
B

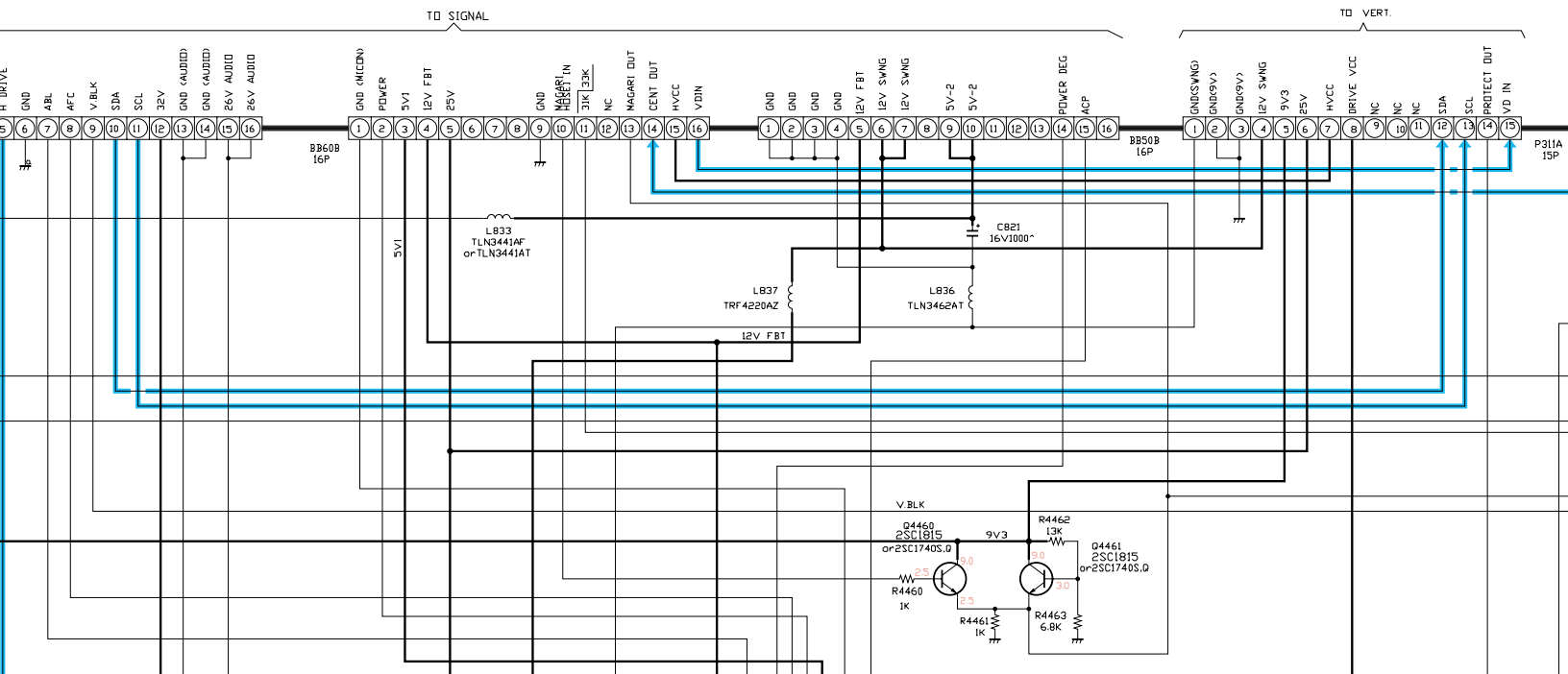
C

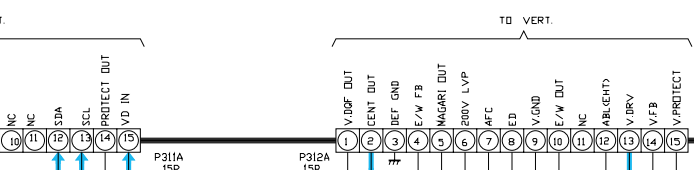
D

E

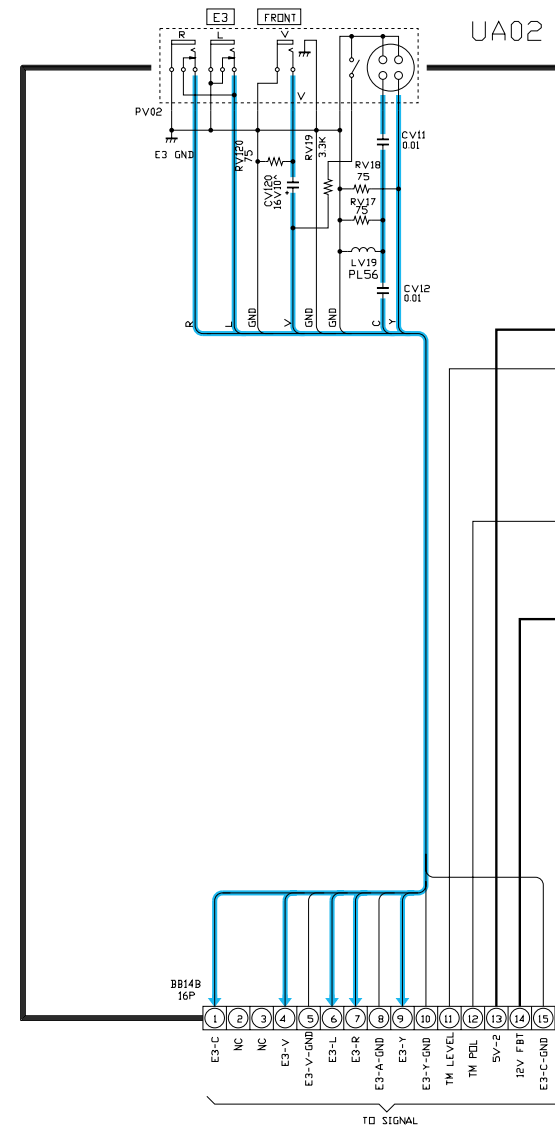
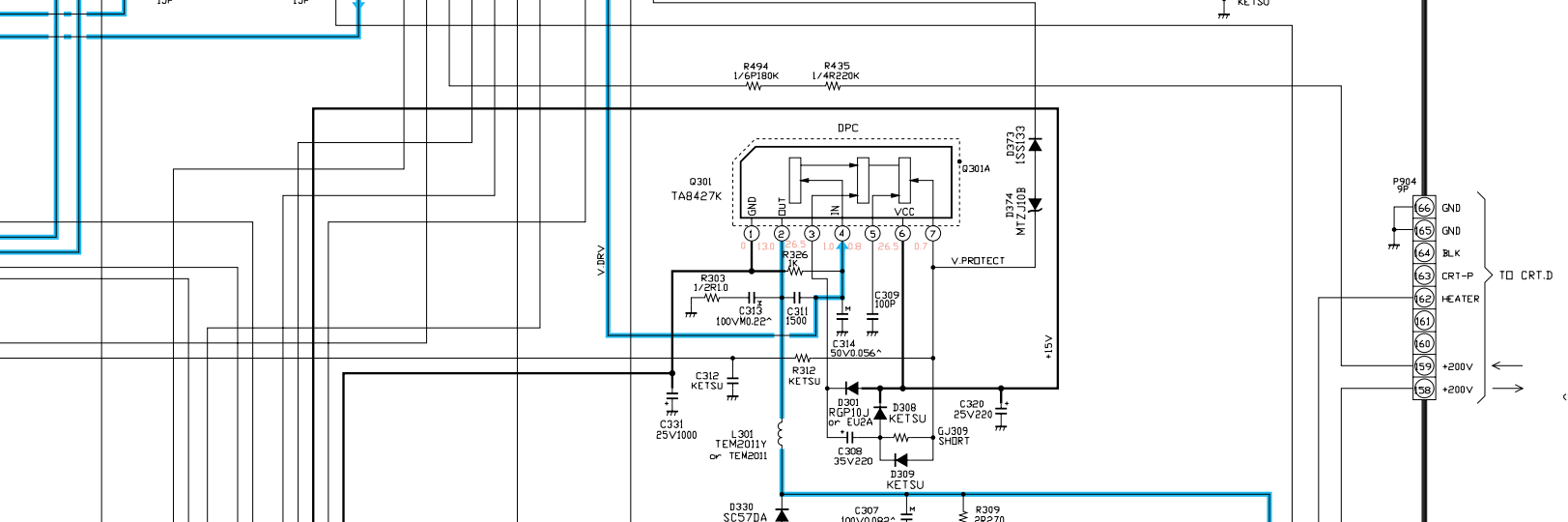
F



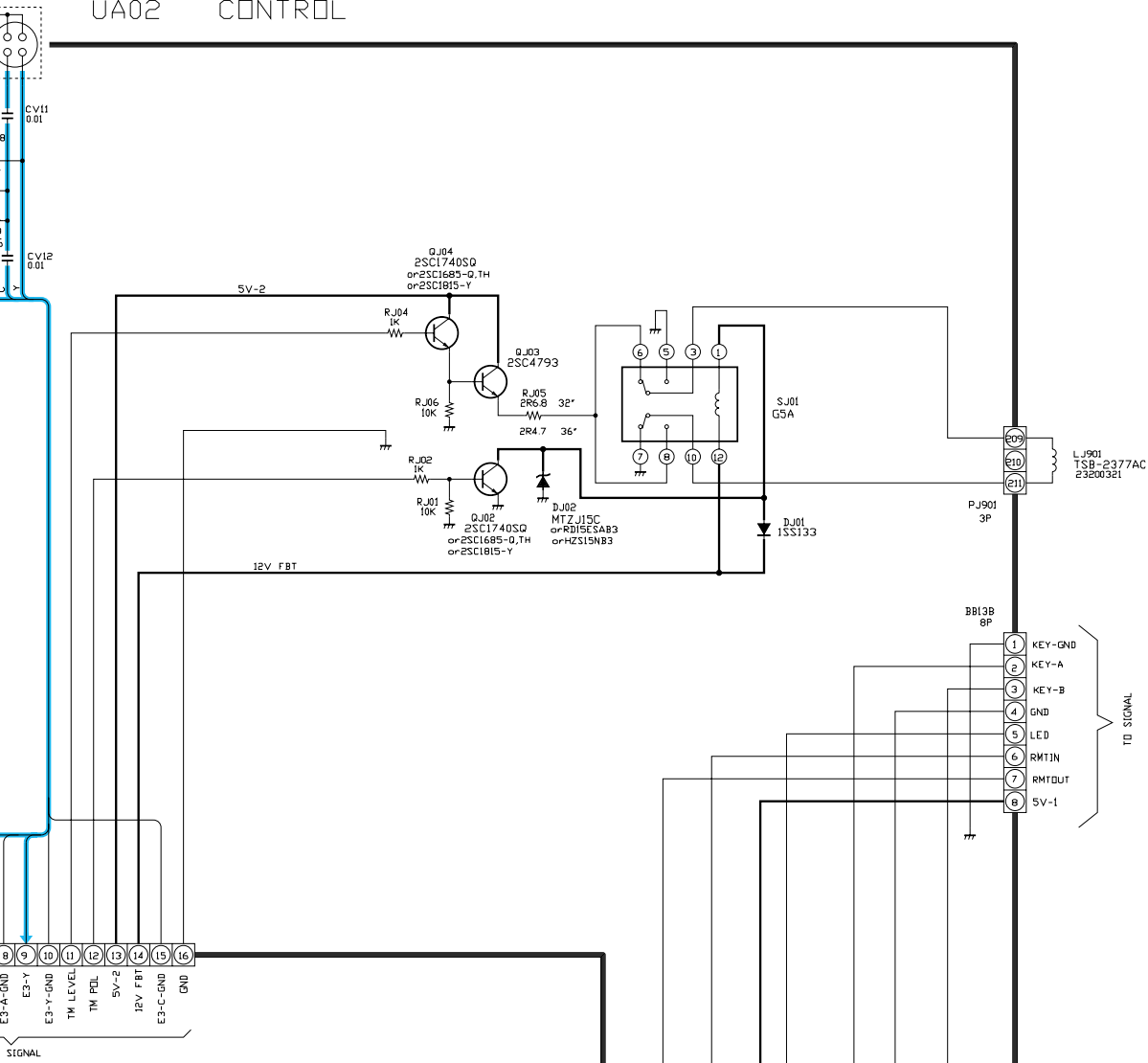




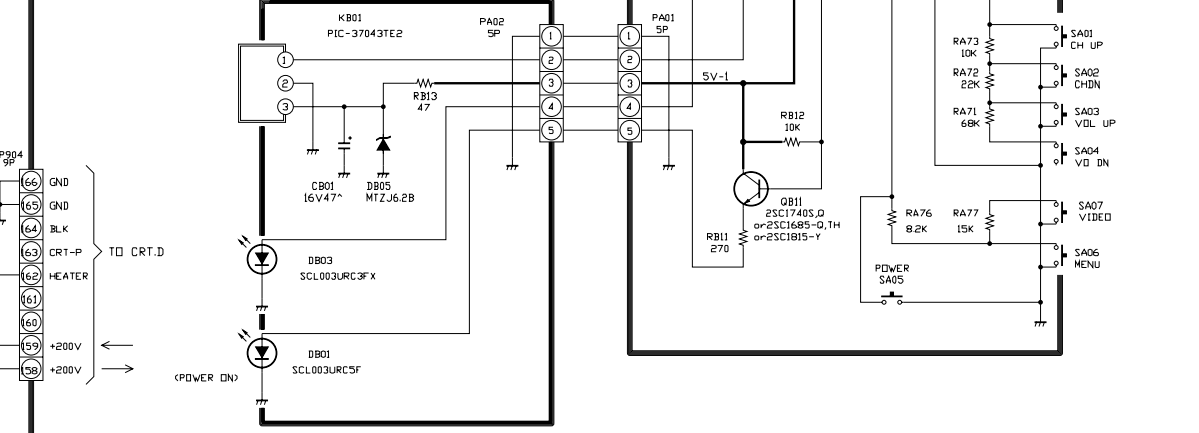
U801
POW/DEF



UA02 CONTROL



UA03 LED



A

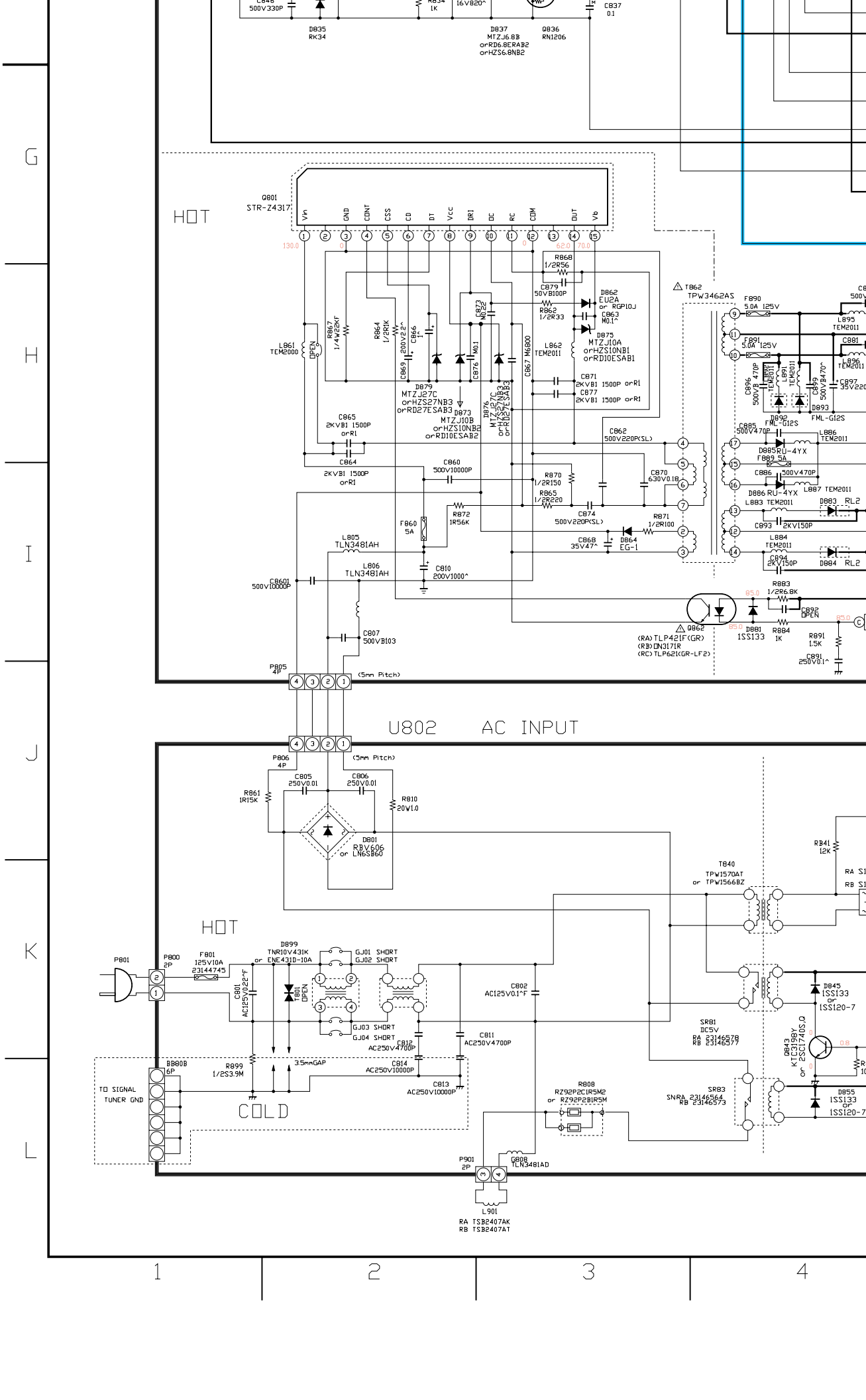
B

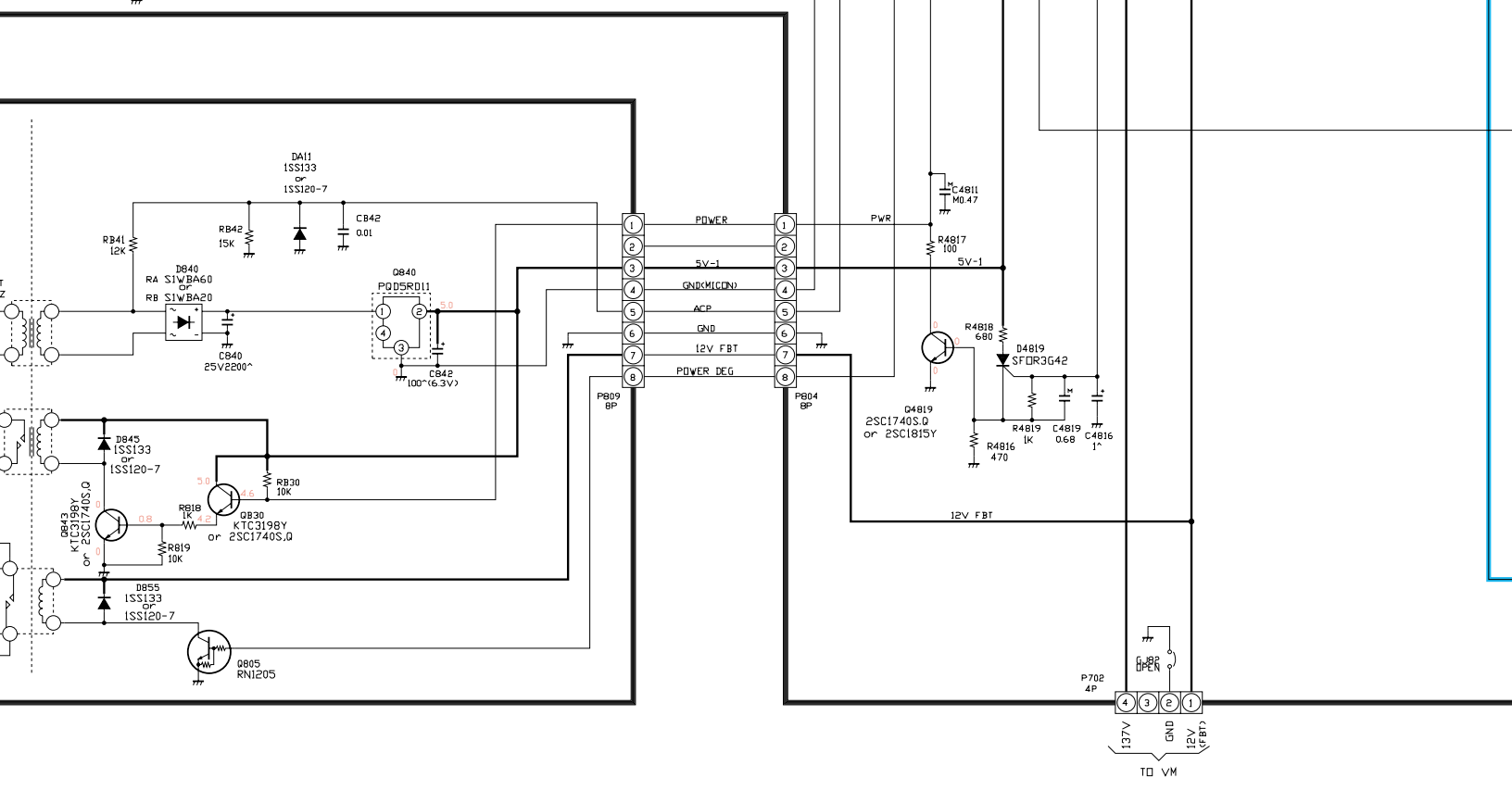
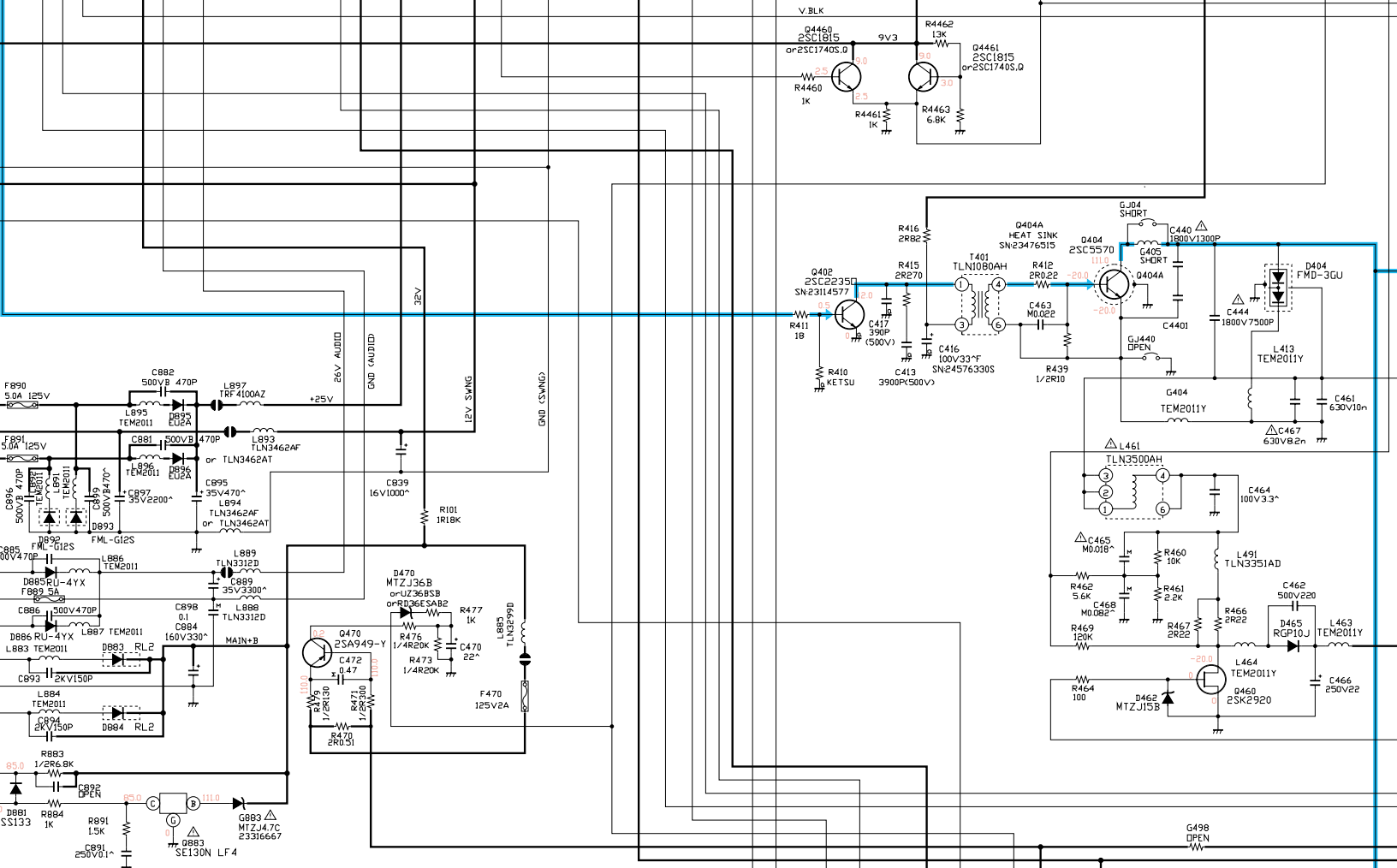
C

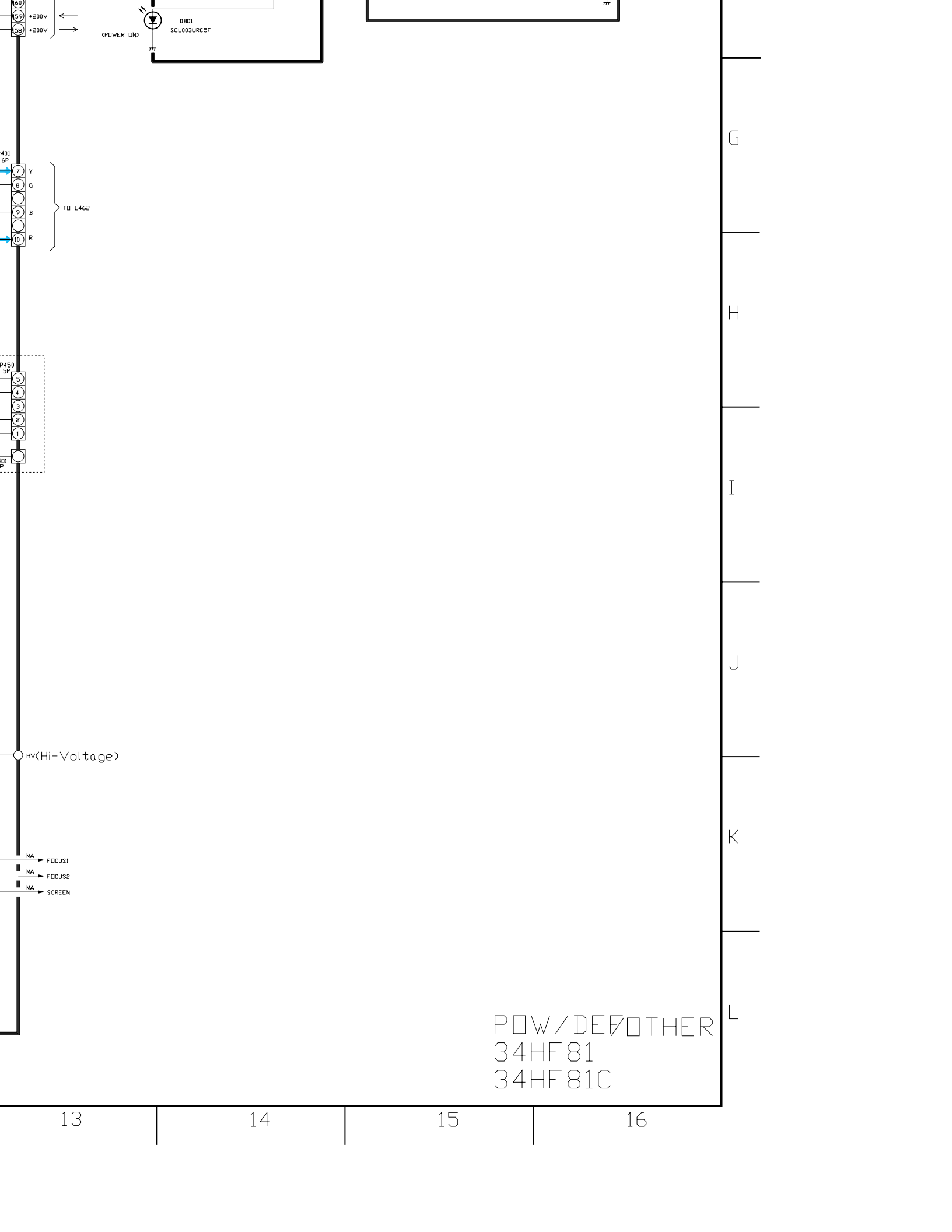
D

E

F







DB01
SCL003URC5F

TO L462

hv(Hi-Voltage)

MA FOCUS1
MA FOCUS2
MA SCREEN

G

H

I

J

K

L

POW/DEF/OTHER
34HF81
34HF81C

13

14

15

16

1

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3

4

A

B

C

D

E

F



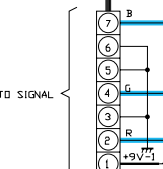
3.5V(p-p)(H)

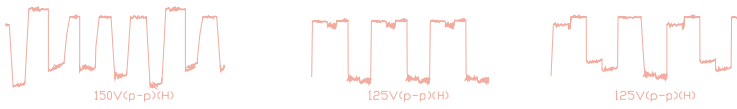


3.4V(p-p)(H)

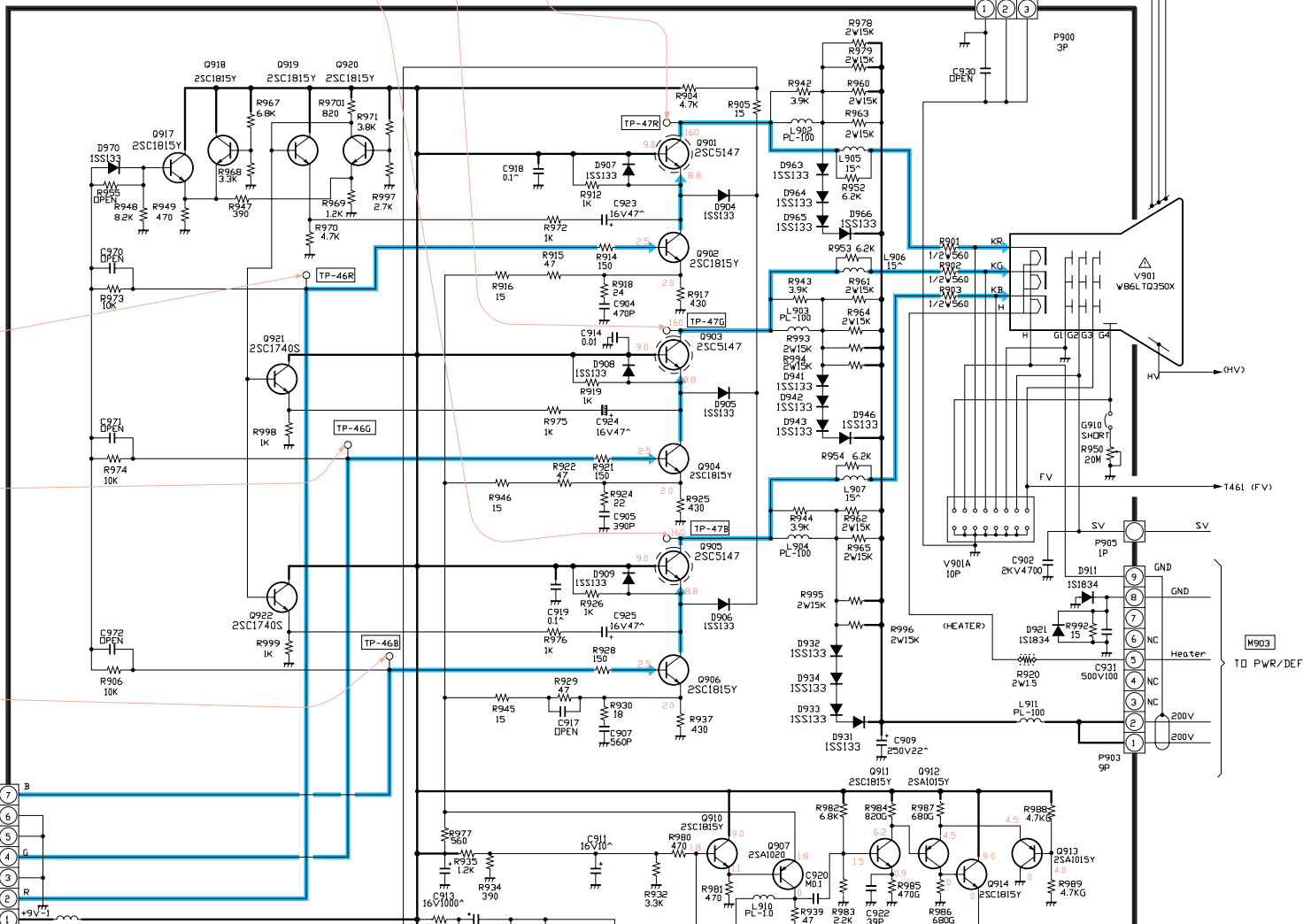


3.6V(p-p)(H)





CRT-D/VM PD0347



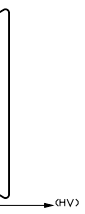
9

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13



1461 (FV)

SV

GND

leater. } 10 PWR/DEF

W903

200V

200V

13

14

15

16

A

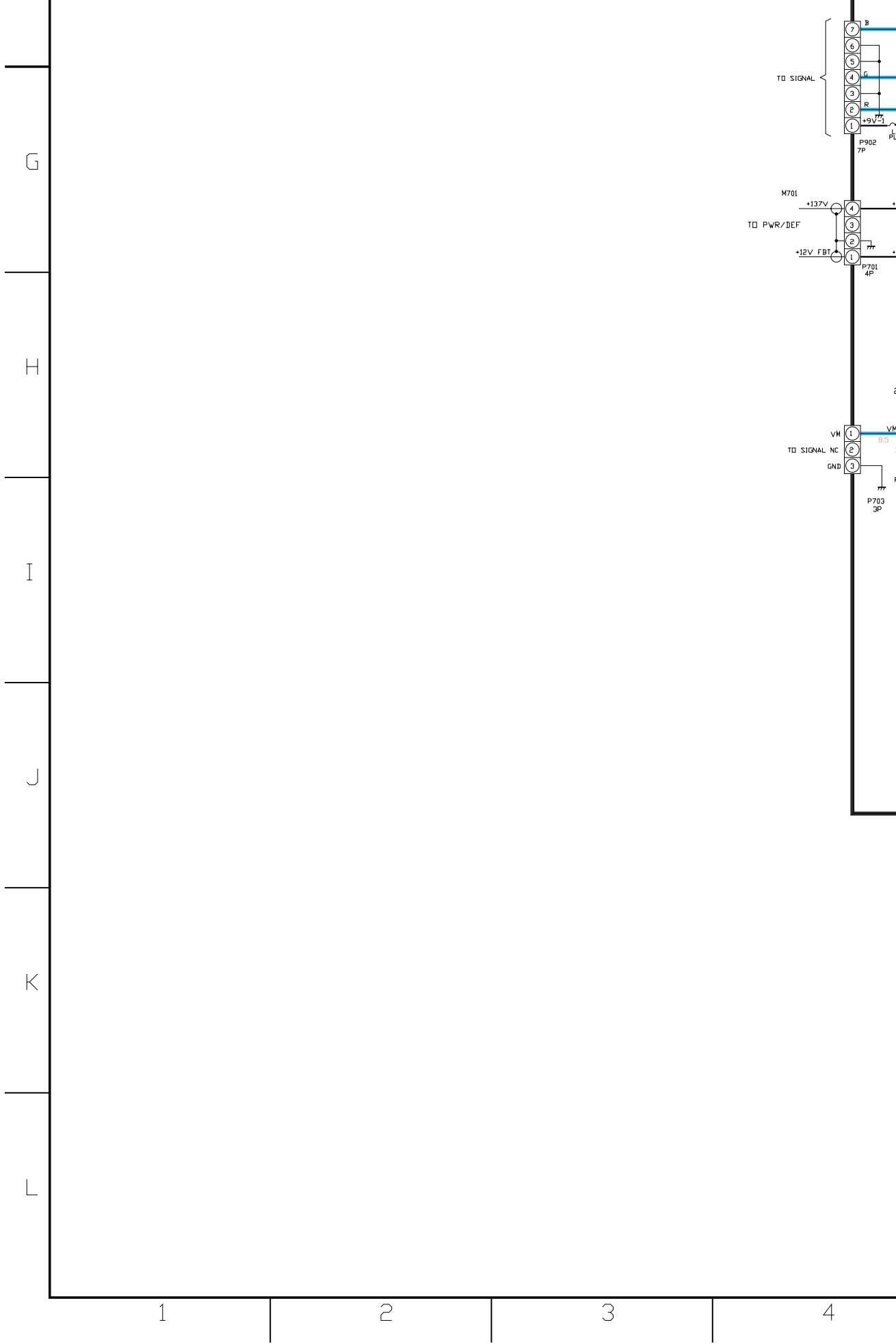
B

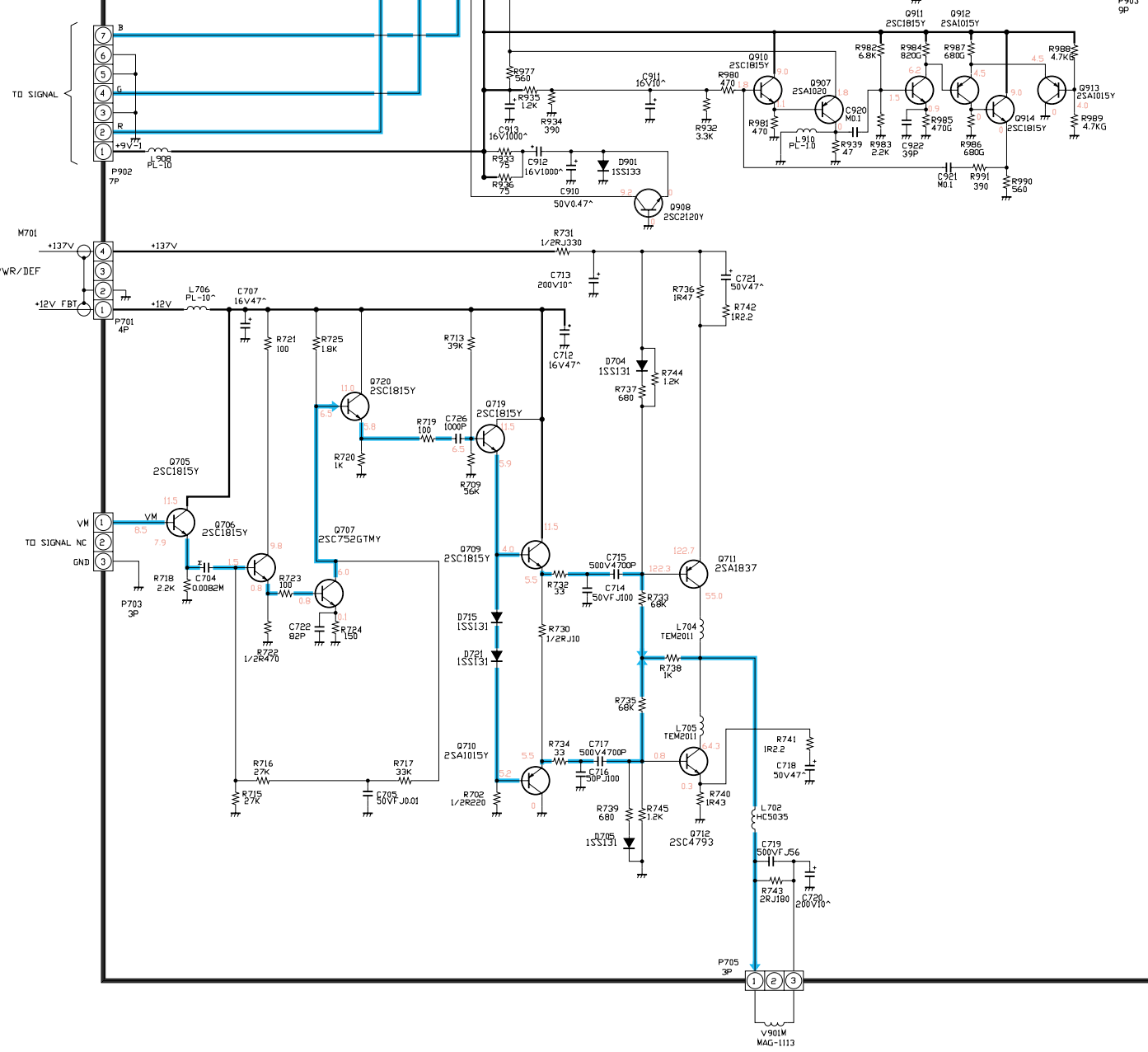
C

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K

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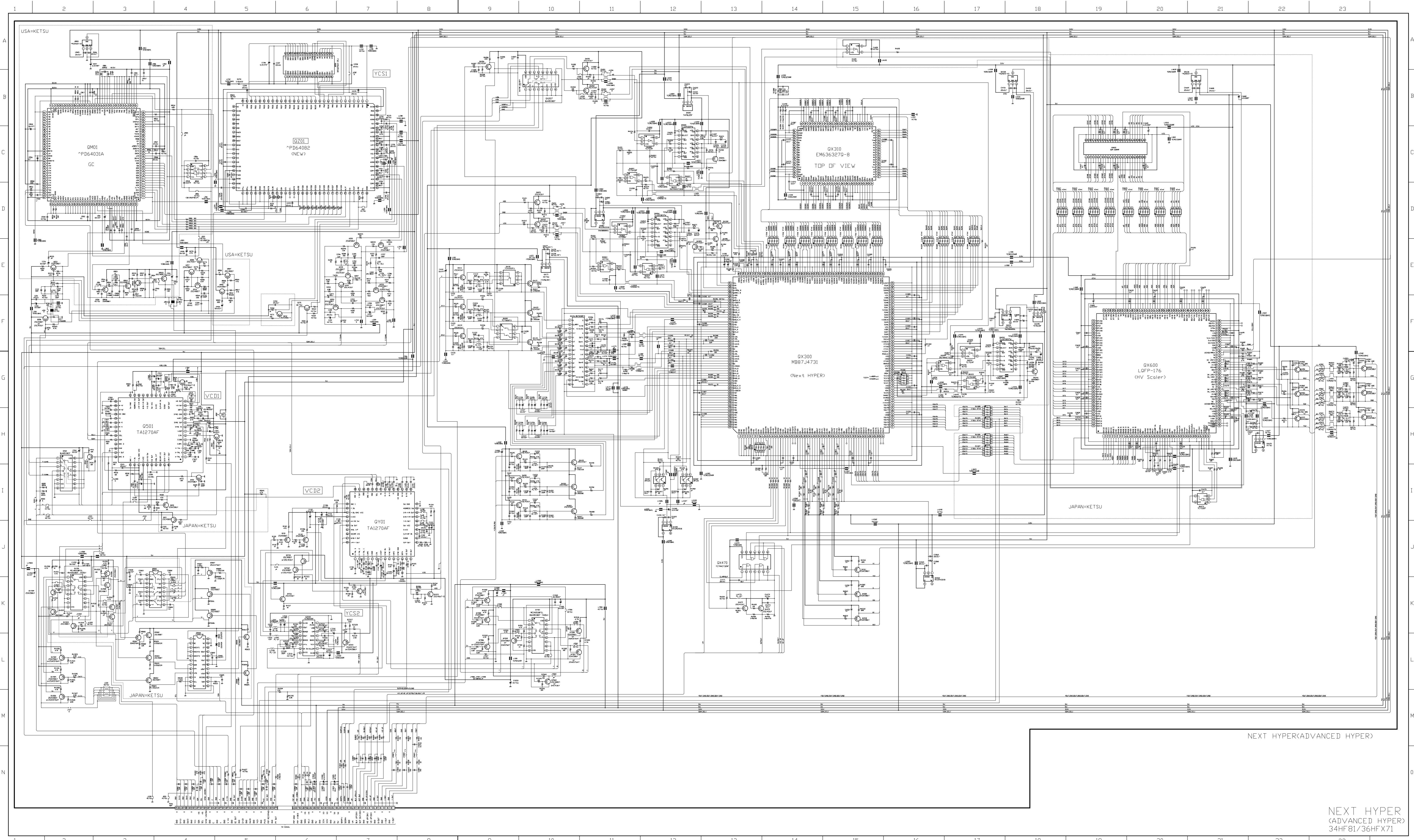
CRT-D/VM
34HF81
34HF81C

13

14

15

16

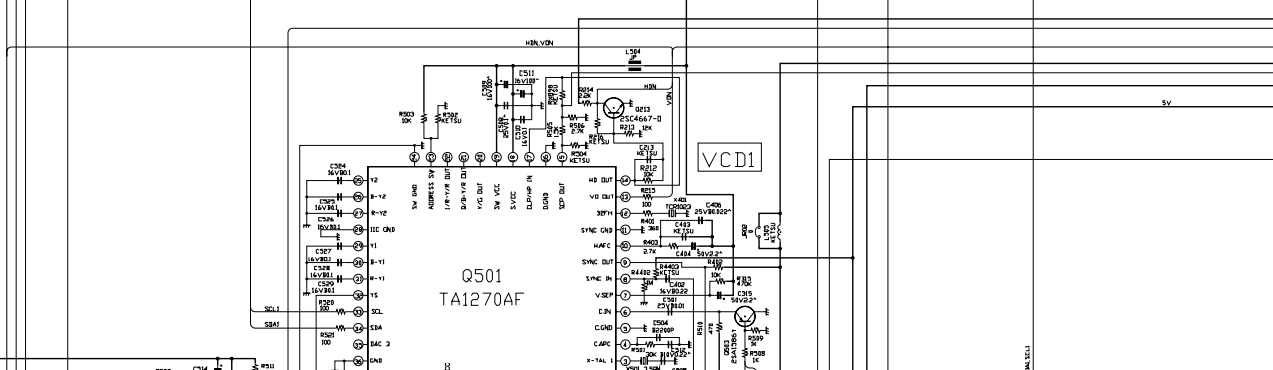
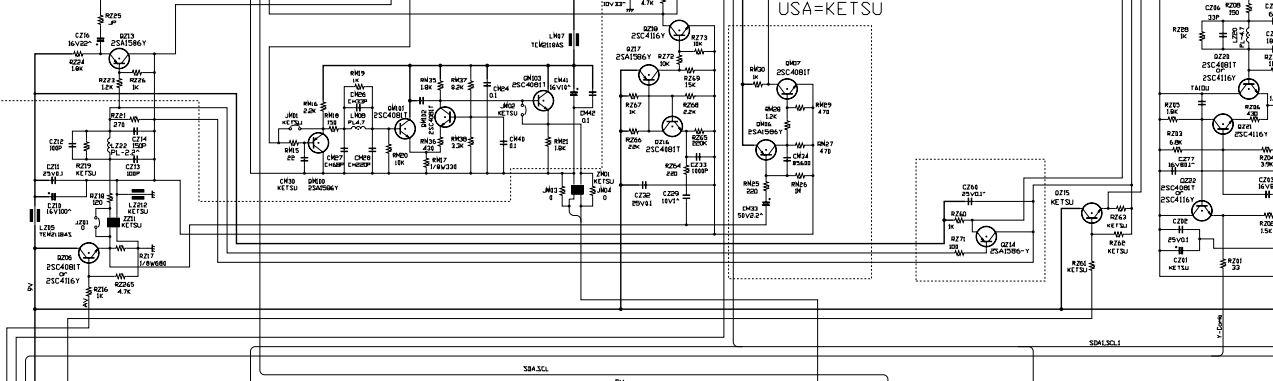
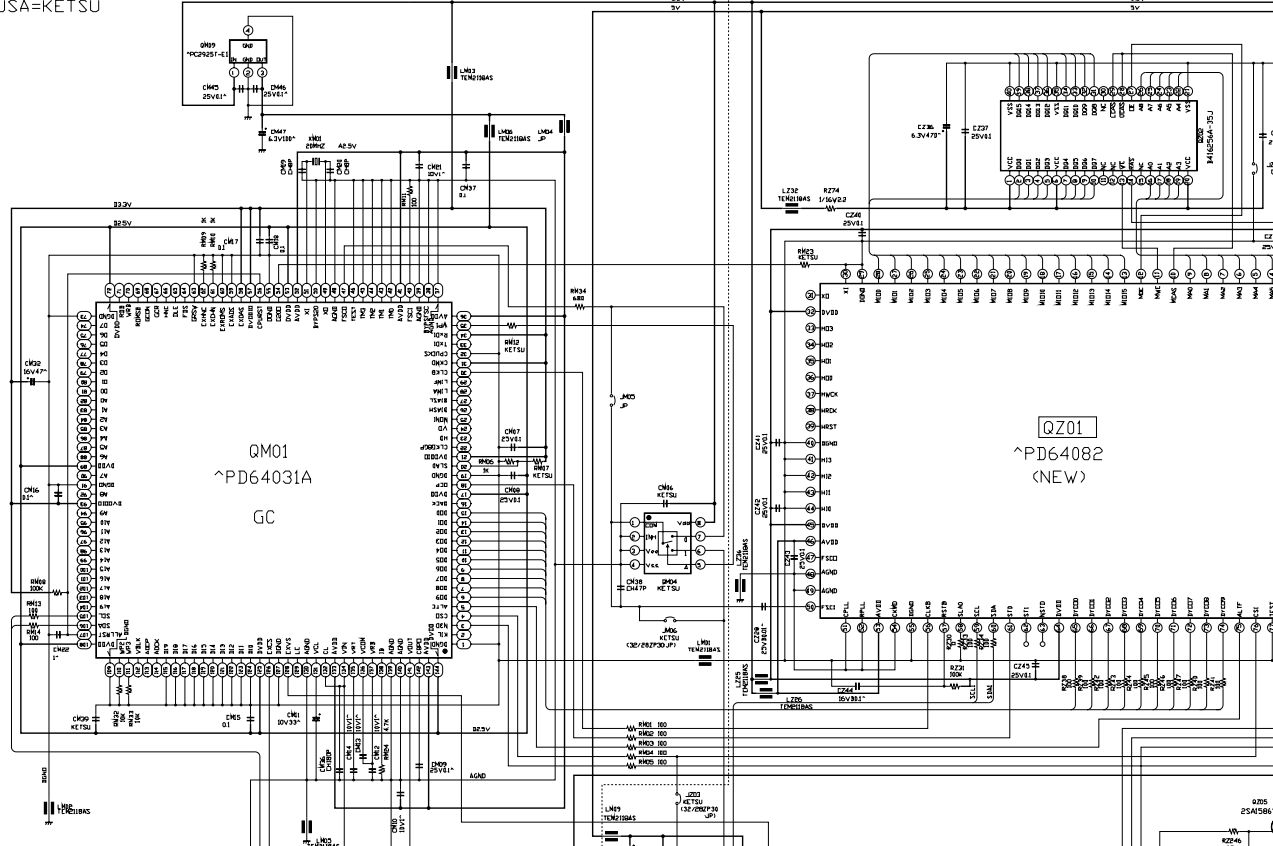


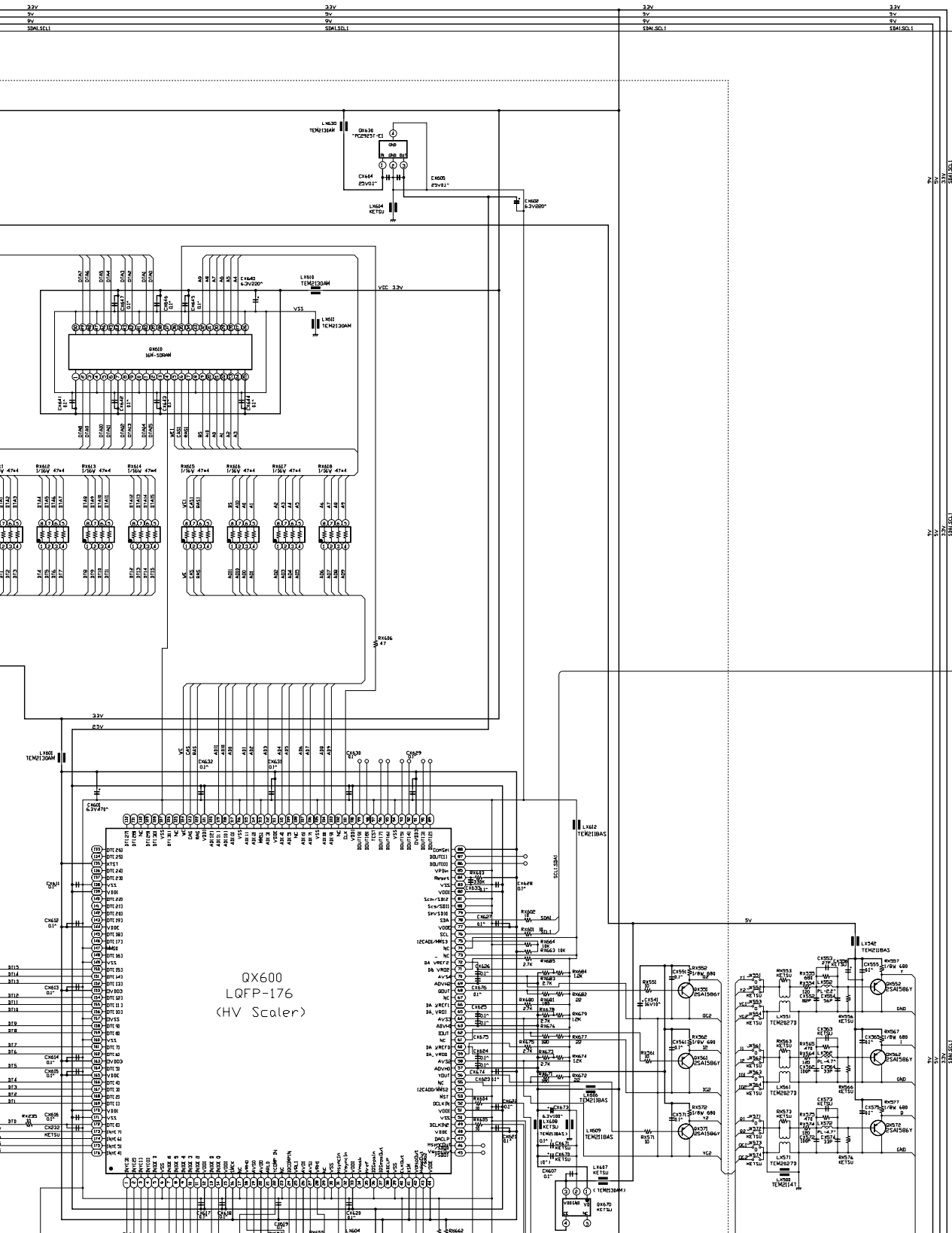
NEXT HYPER(ADVANCED HYPER)

NEXT HYPER
(ADVANCED HYPER)
34HF81/36HF X71

A
B
C
D
E
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G
H

USA=KETSU





A

B

C

D

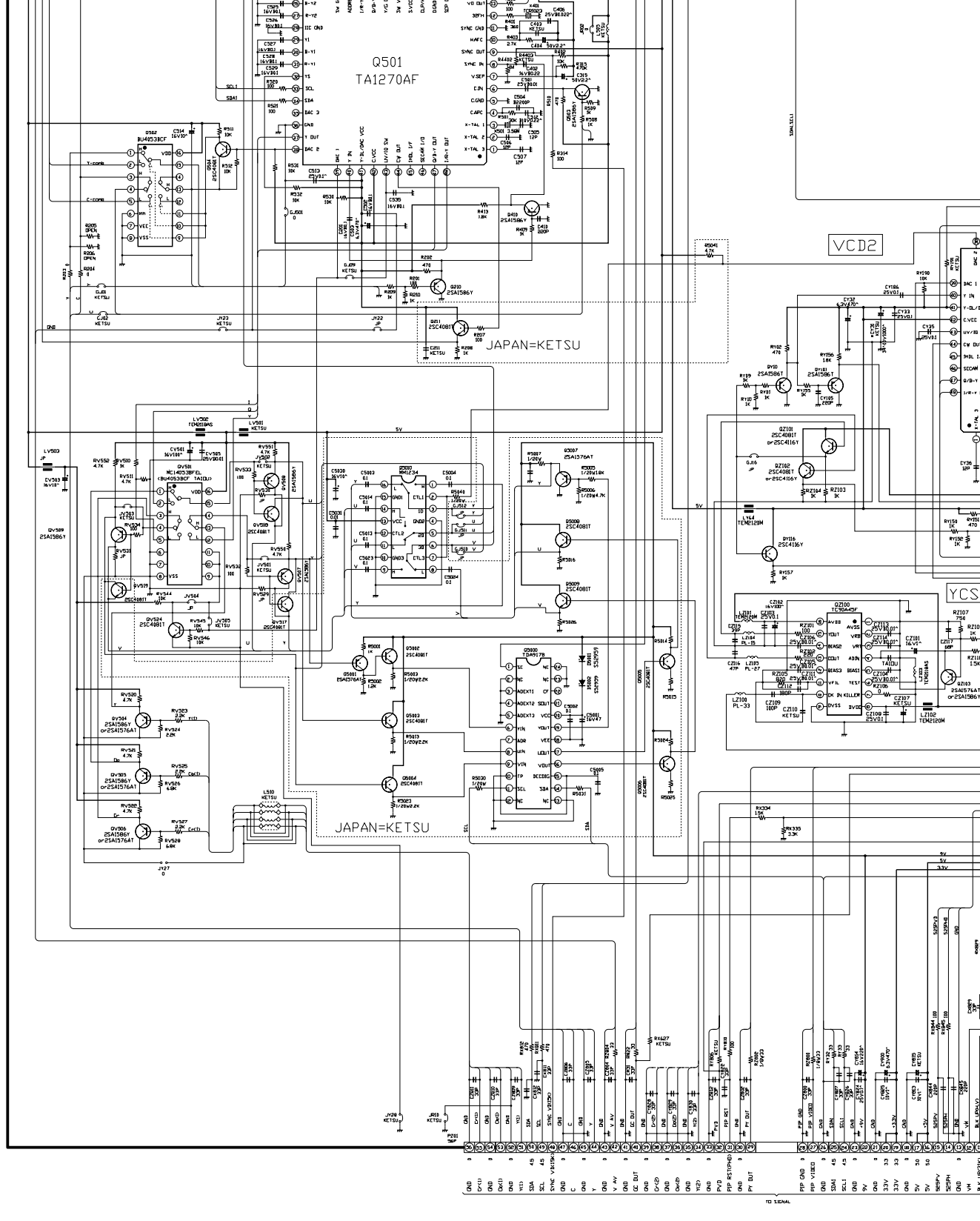
E

F

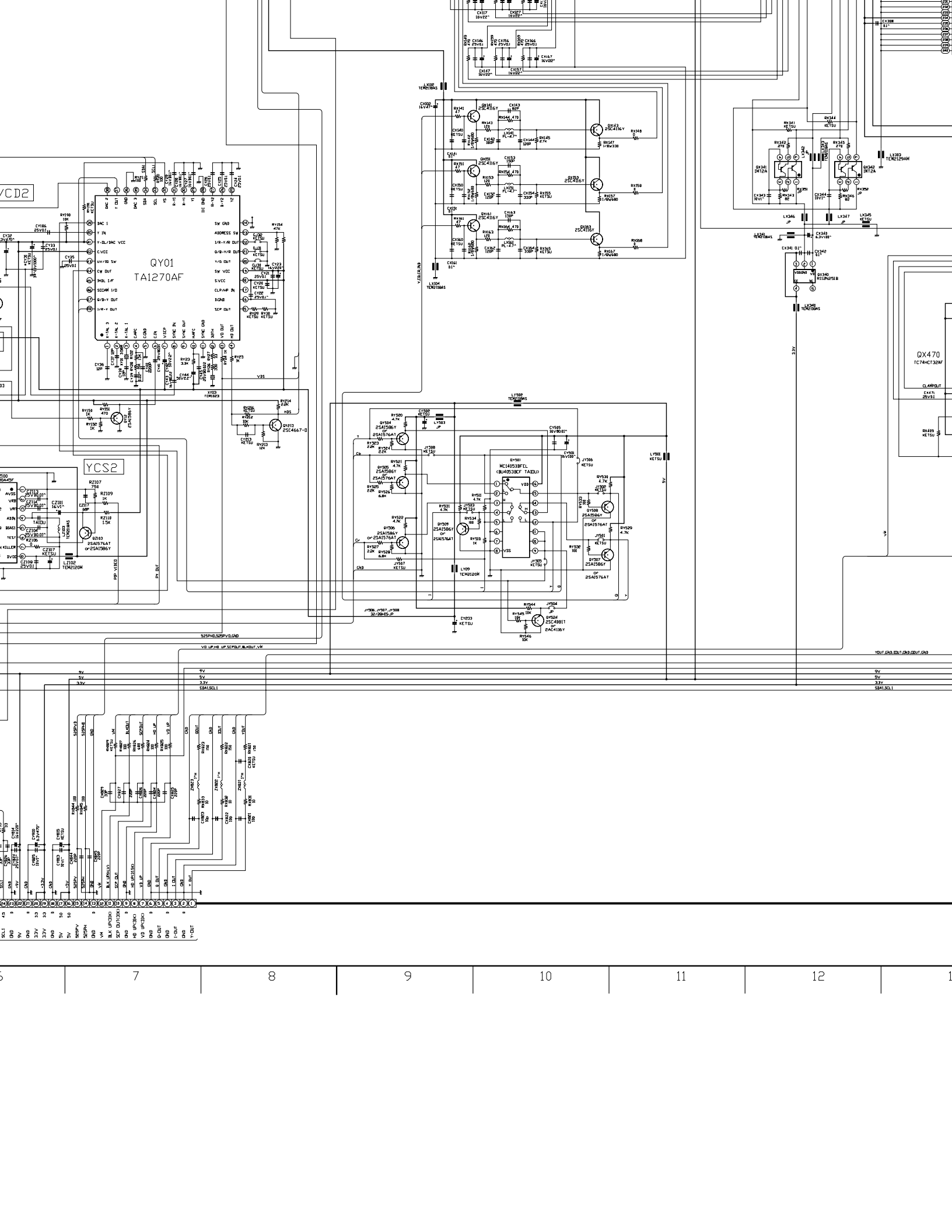
G

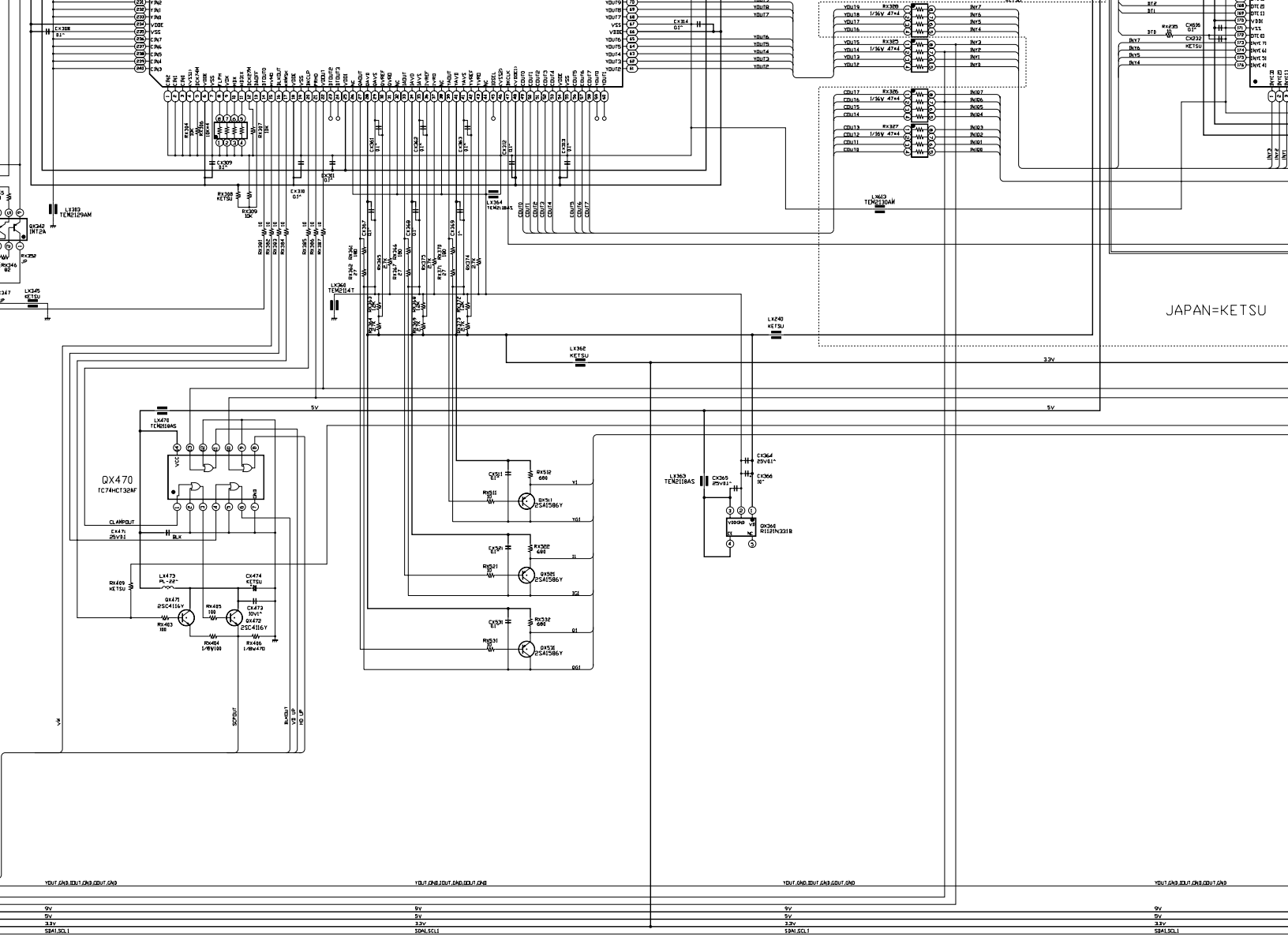
H

H
I
J
K
L
M
N

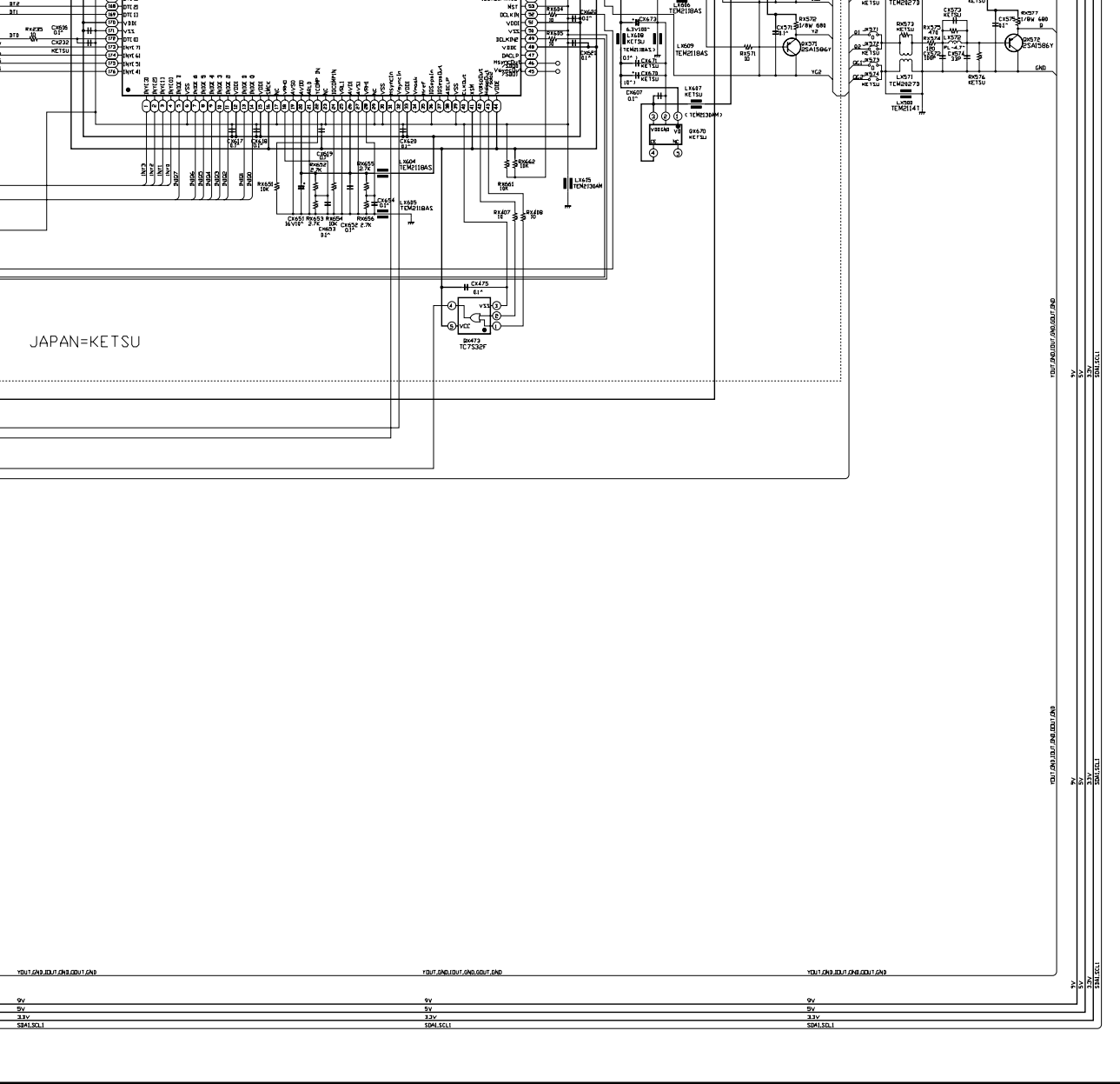


1 2 3 4 5 6





JAPAN-KETSU



JAPAN=KETSU

NEXT HYPER(ADVANCED HYPER)

NEXT HYPER
(ADVANCED HYPER)
34HF81/36HF X71

H
I
J
K
L
M
O

19

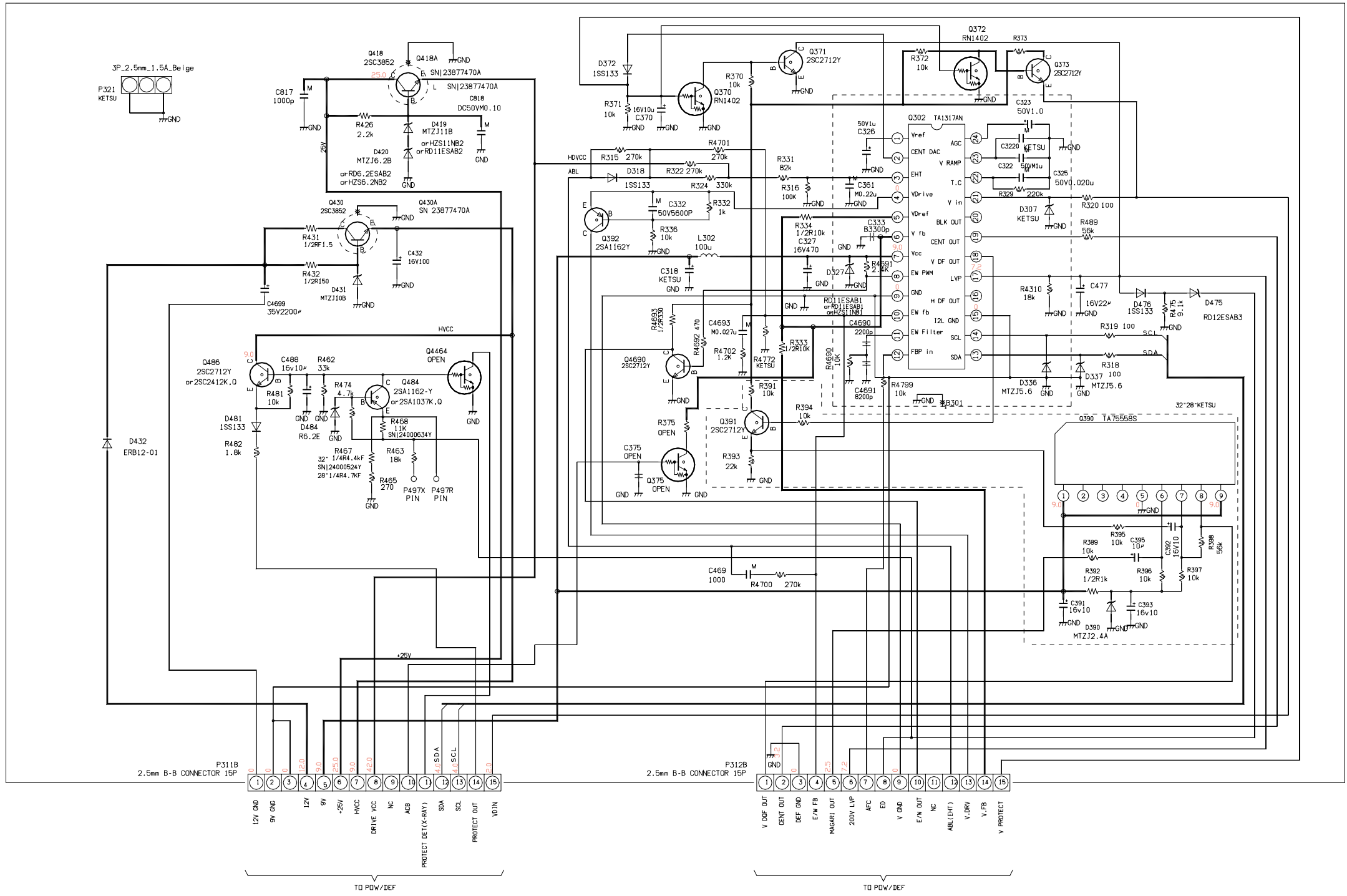
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23

U006 VERTICAL FWD*** (34HF81)



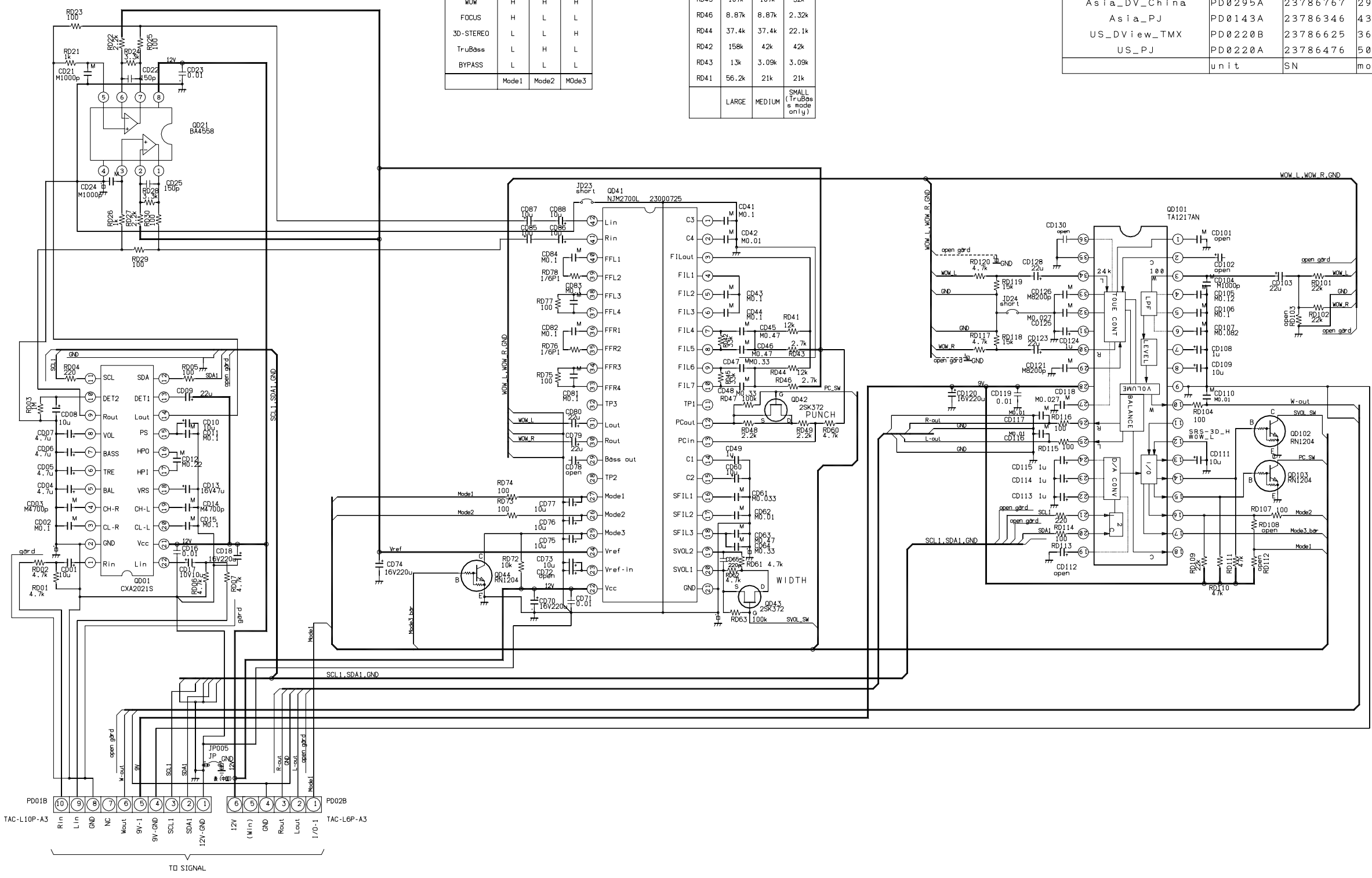
VERTICAL
34HF81

US_DView_TVE	PD0348	23786917	34HF81
US_PJ_#1	FWD610	44036	50H81 #1
Asia_DV_not_China	PD0325A	23786823	29AX9UH
Asia_DV_China	PD0295A	23786767	29AF9UC
Asia_PJ	PD0143A	23786346	43A7DE
US_DView_TMX	PD0220B	23786625	36HFx71
US_PJ	PD0220A	23786476	50HX81
	unit	SN	model

WOW	H	H	H
FOCUS	H	L	L
3D-STEREO	L	L	H
TruBass	L	H	L
BYPASS	L	L	L
	Mode1	Mode2	Mode3

Speaker Size 扬声器尺寸 (毫米)

RD45	107k	107k	32k
RD46	8.87k	8.87k	2.32k
RD44	37.4k	37.4k	22.1k
RD42	158k	42k	42k
RD43	13k	3.09k	3.09k
RD41	56.2k	21k	21k
	LARGE	MEDIUM	SMALL (TruBass mode only)



SRS-WOW
34HF81