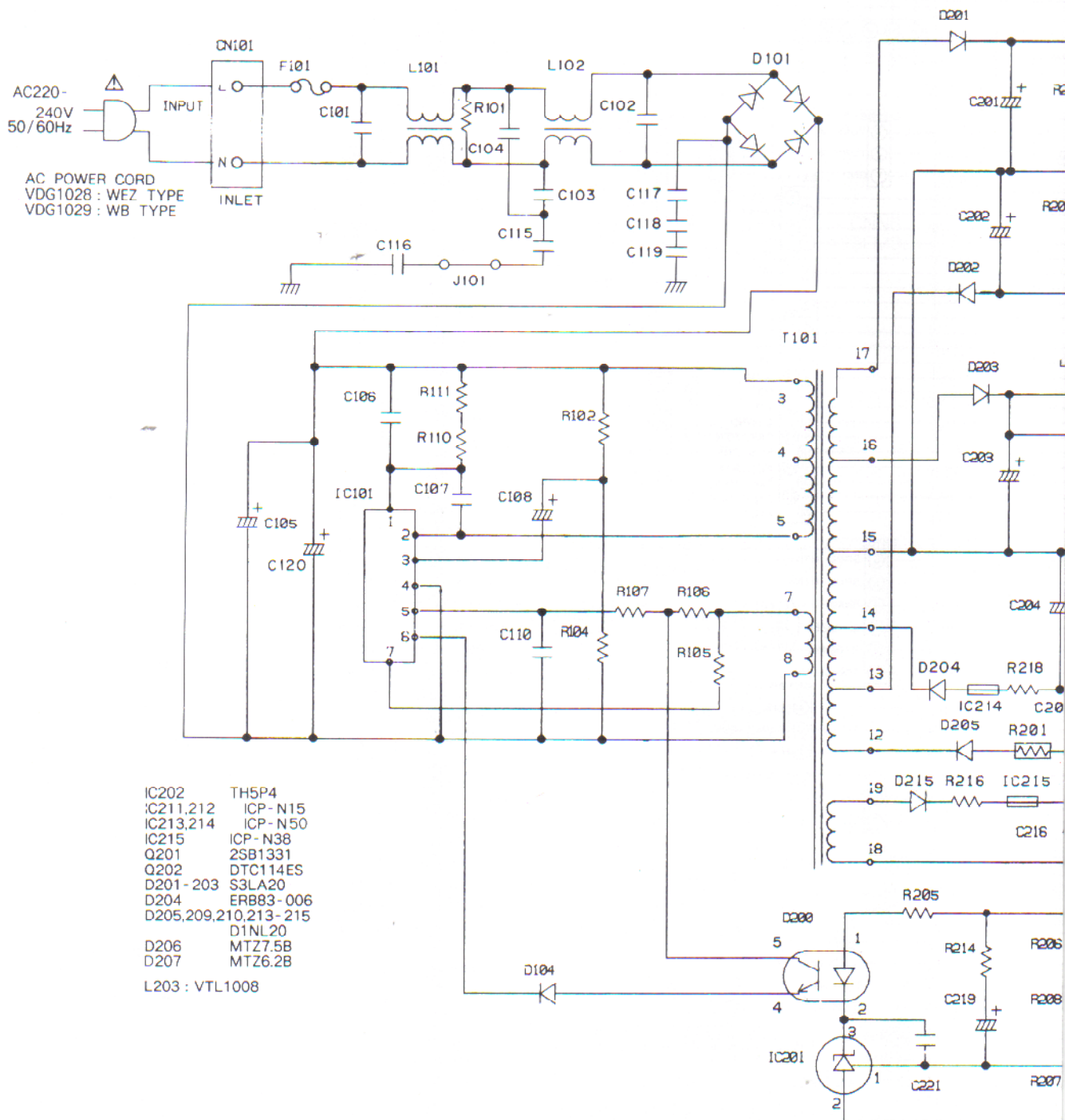
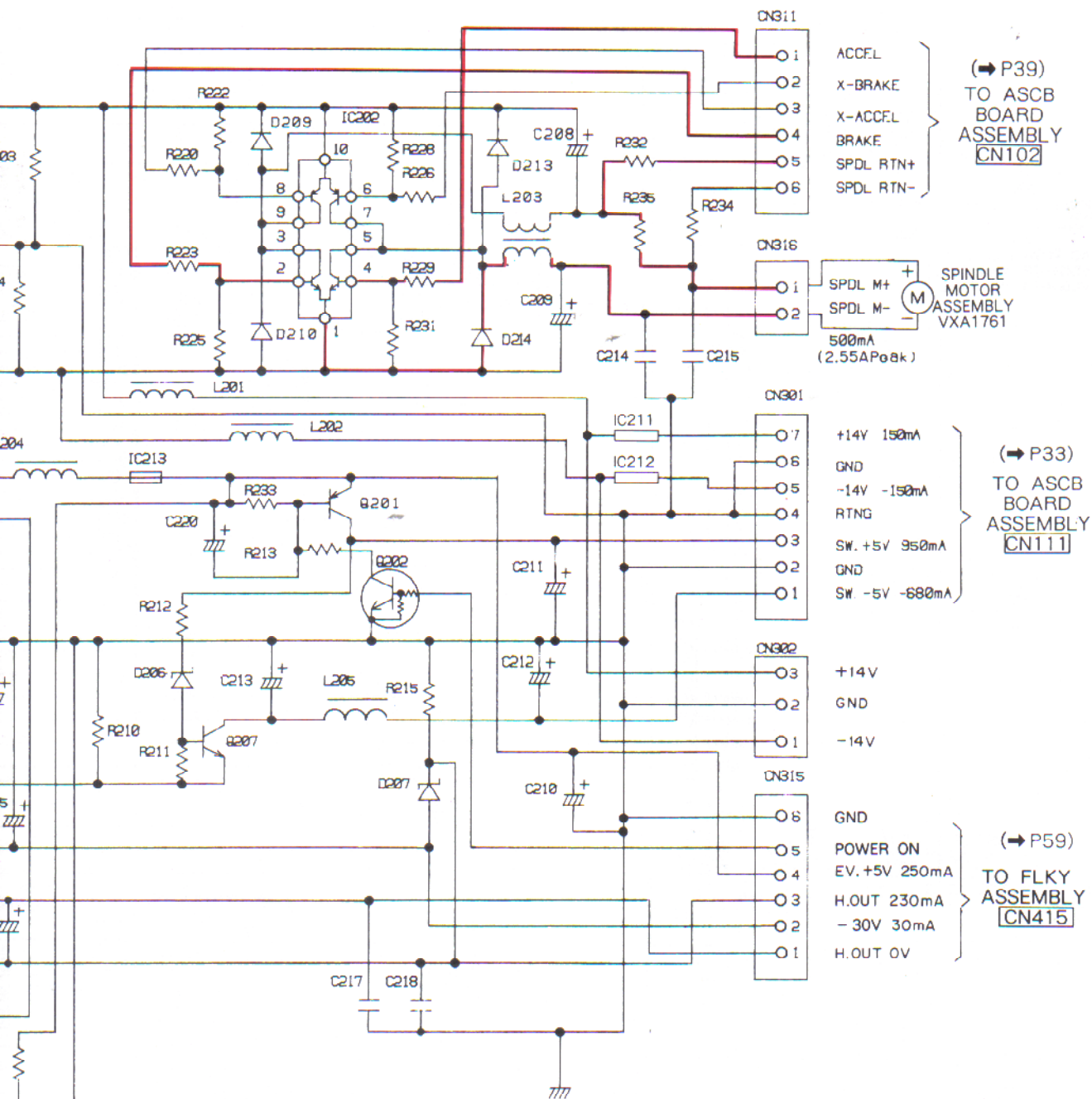


4.2 POWER SUPPLY BOARD ASSEMBLY

POWER SUPPLY BOARD ASSEMBLY (VWR1121)



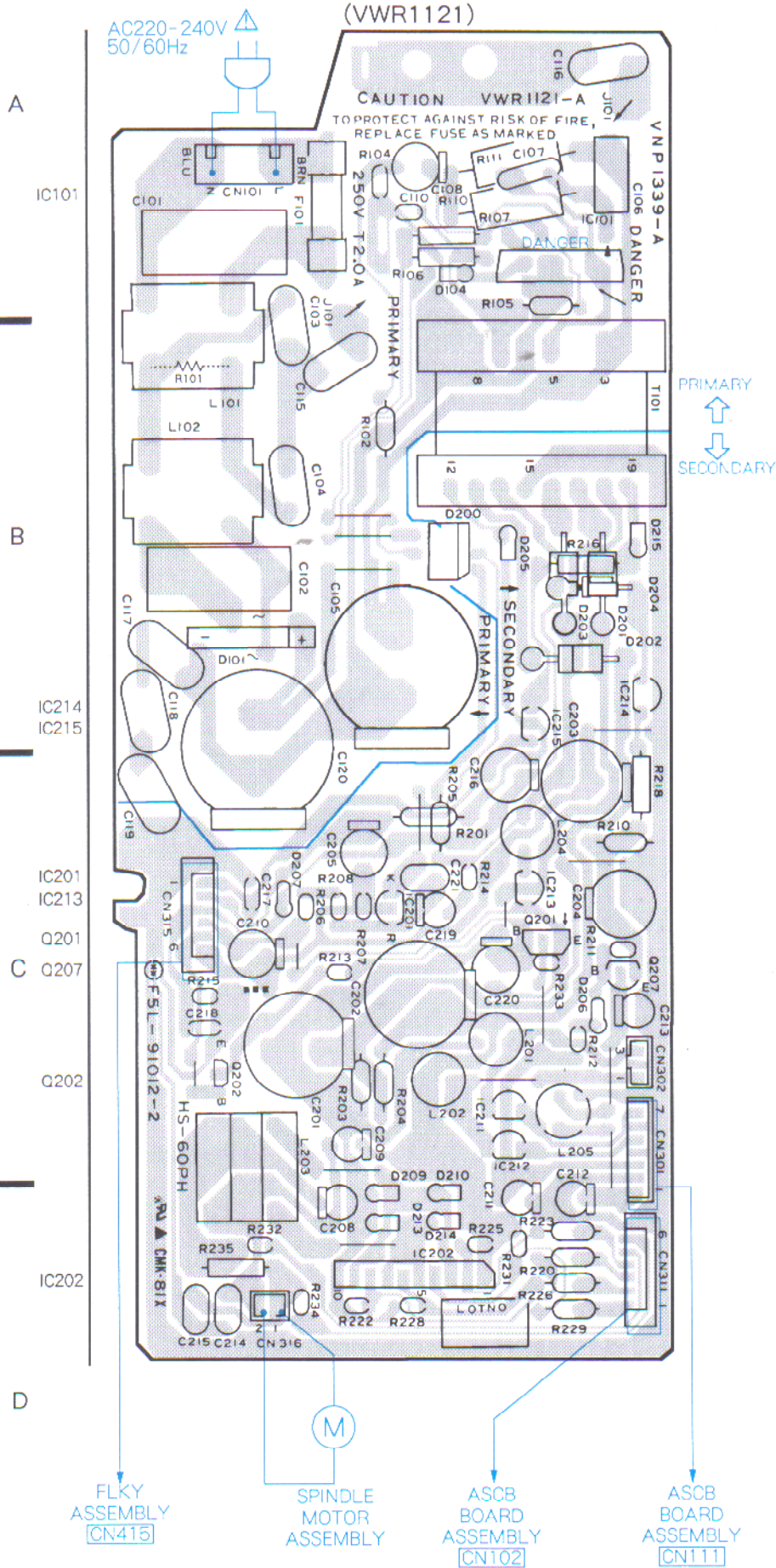


A

B

C

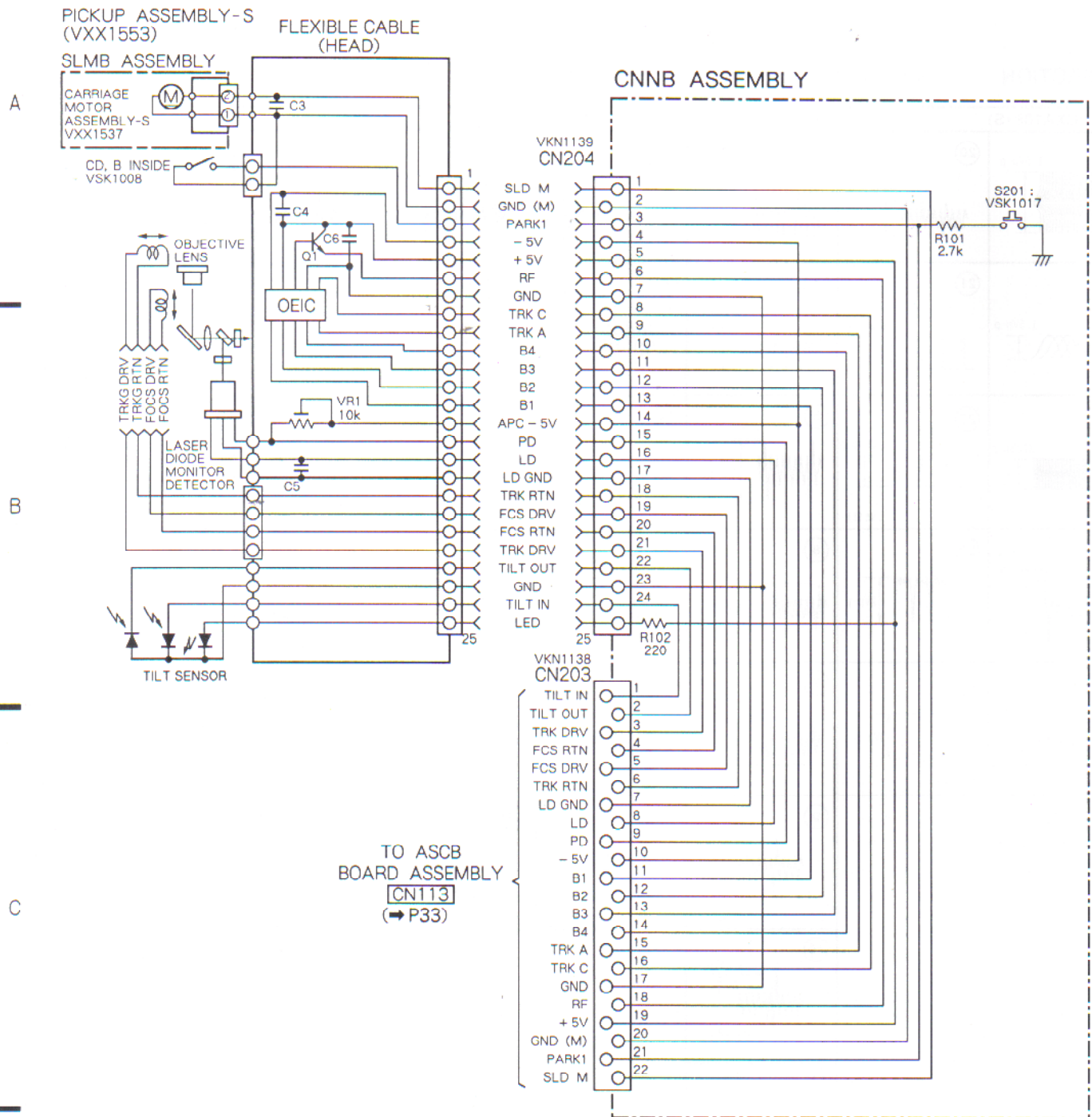
D

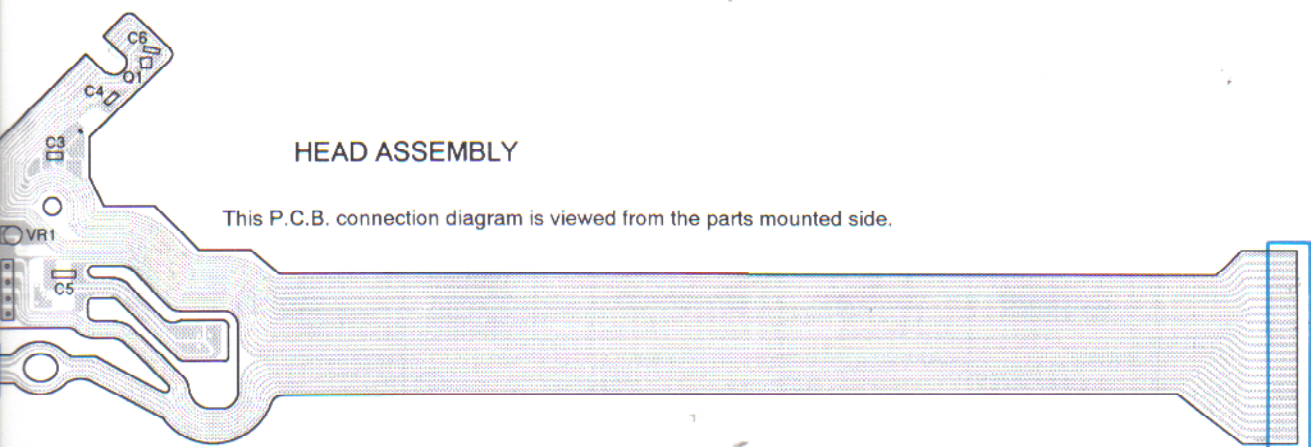
POWER SUPPLY BOARD ASSEMBLY
(VWR1121)

P.C.B. pattern diagram Indication	Corresponding part symbol	Part name
		Transistor
		FET
		Diode
		Zener diode
		LED
		Varactor
		Tact switch
		Inductor
		Coil
		Transformer
		Filter
		Ceramic capacitor
		Mylar capacitor
		Styroil capacitor
		Electrolytic capacitor (Non polarized)
		Electrolytic capacitor (Noiseless)
		Electrolytic capacitor (Polarized)
		Electrolytic capacitor (Polarized)
		Power capacitor
		Semi-fixed resistor
		Resistor array
		Resistor
		Resonator
		Thermistor

1. This P.C.B. connection diagram is viewed from the parts mounted side.
2. The parts which have been mounted on the board can be replaced with those shown with the corresponding wiring symbols listed in the above Table.
3. The capacitor terminal marked with shows negative terminal.
4. The diode marked with shows cathode side.
5. The transistor terminal marked with shows emitter.

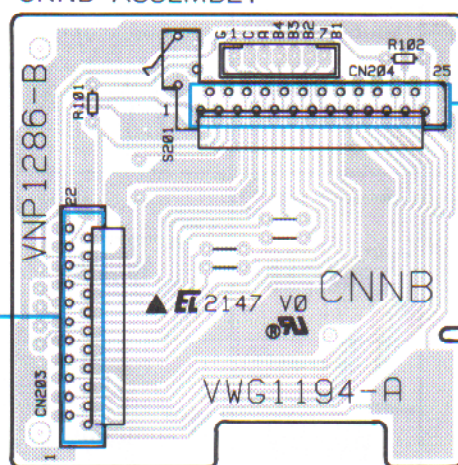
4.3 PICKUP AND CNNB ASSEMBLIES





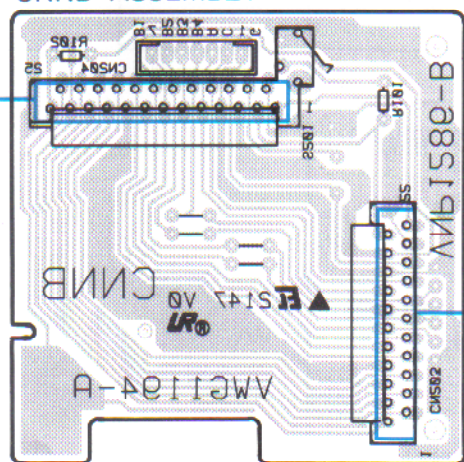
CNNB ASSEMBLY

ASCB
BOARD
ASSEMBLY
[CN113]



CNNB ASSEMBLY

ASCB
BOARD
ASSEMBLY
[CN113]



HEAD ASSEMBLY

This P.C.B. connection diagram is viewed from the foil side.

TILT SENSOR

1

2

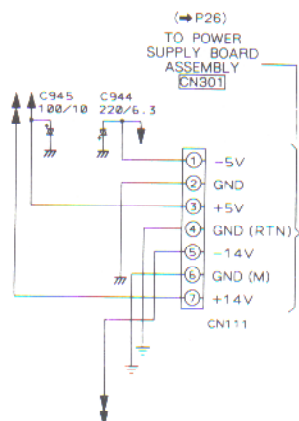
3

4.4 ASCB BOARD ASSEMBLY(1/4:FTS SECTION)

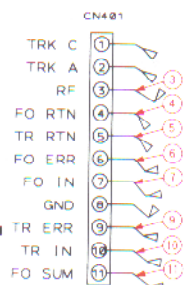
ASCB BOARD ASSEMBLY (1/4)

● FTS SECTION

A



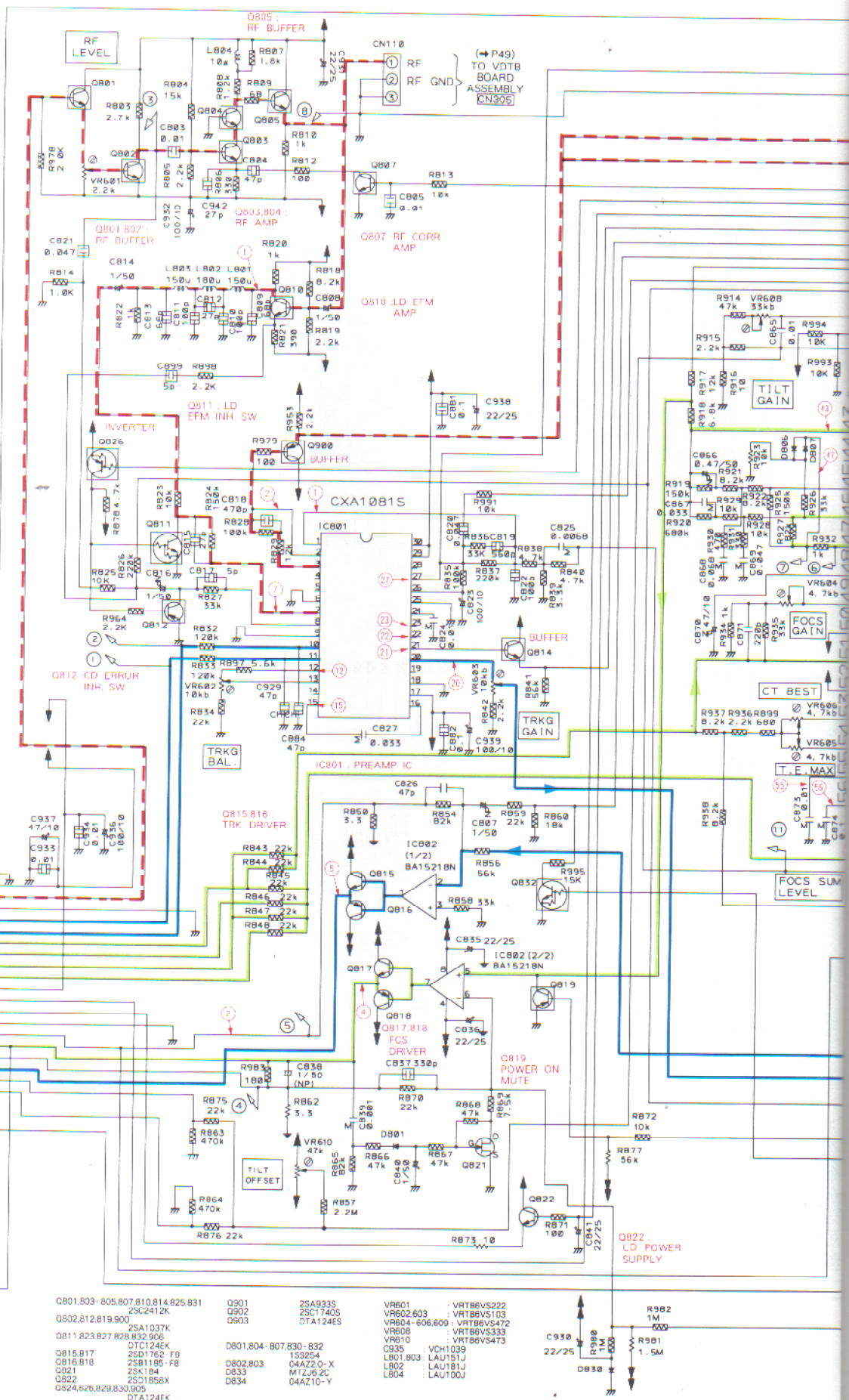
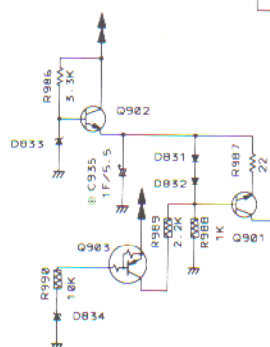
B



C



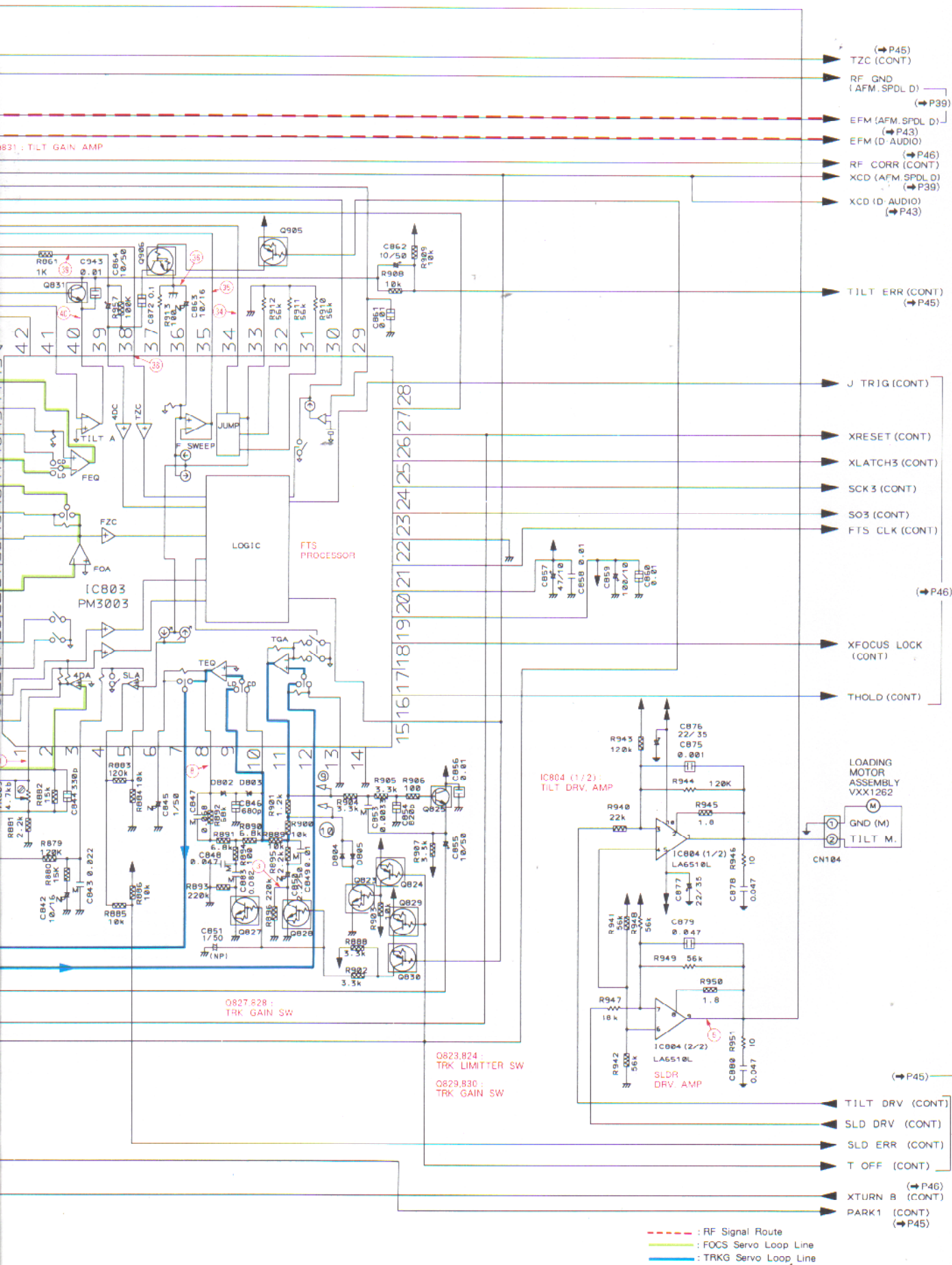
D



4

5

6



A

TS

TF

SV

C

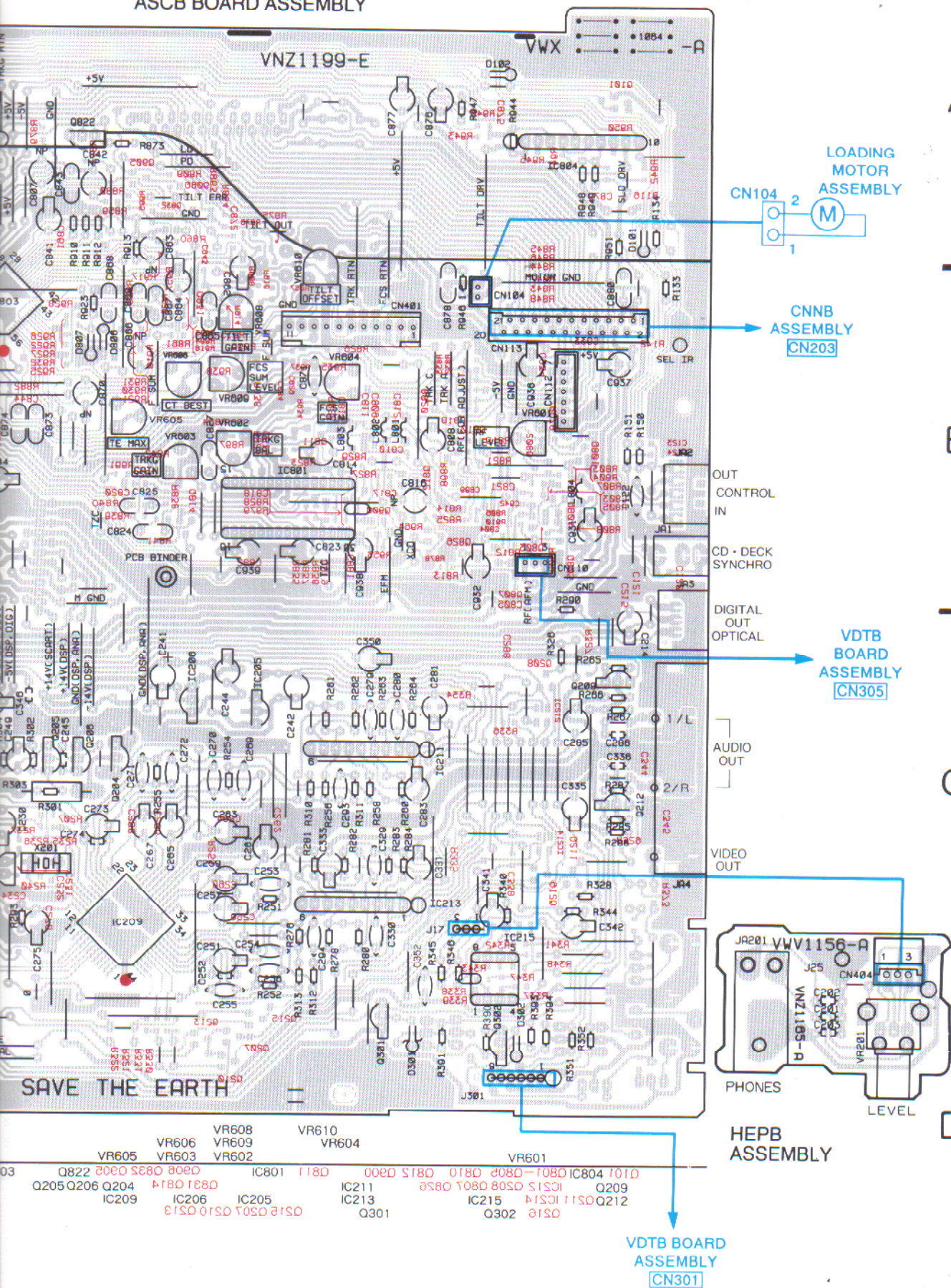
D

4

5

6

ASCB BOARD ASSEMBLY



A

A

B

B

C

C

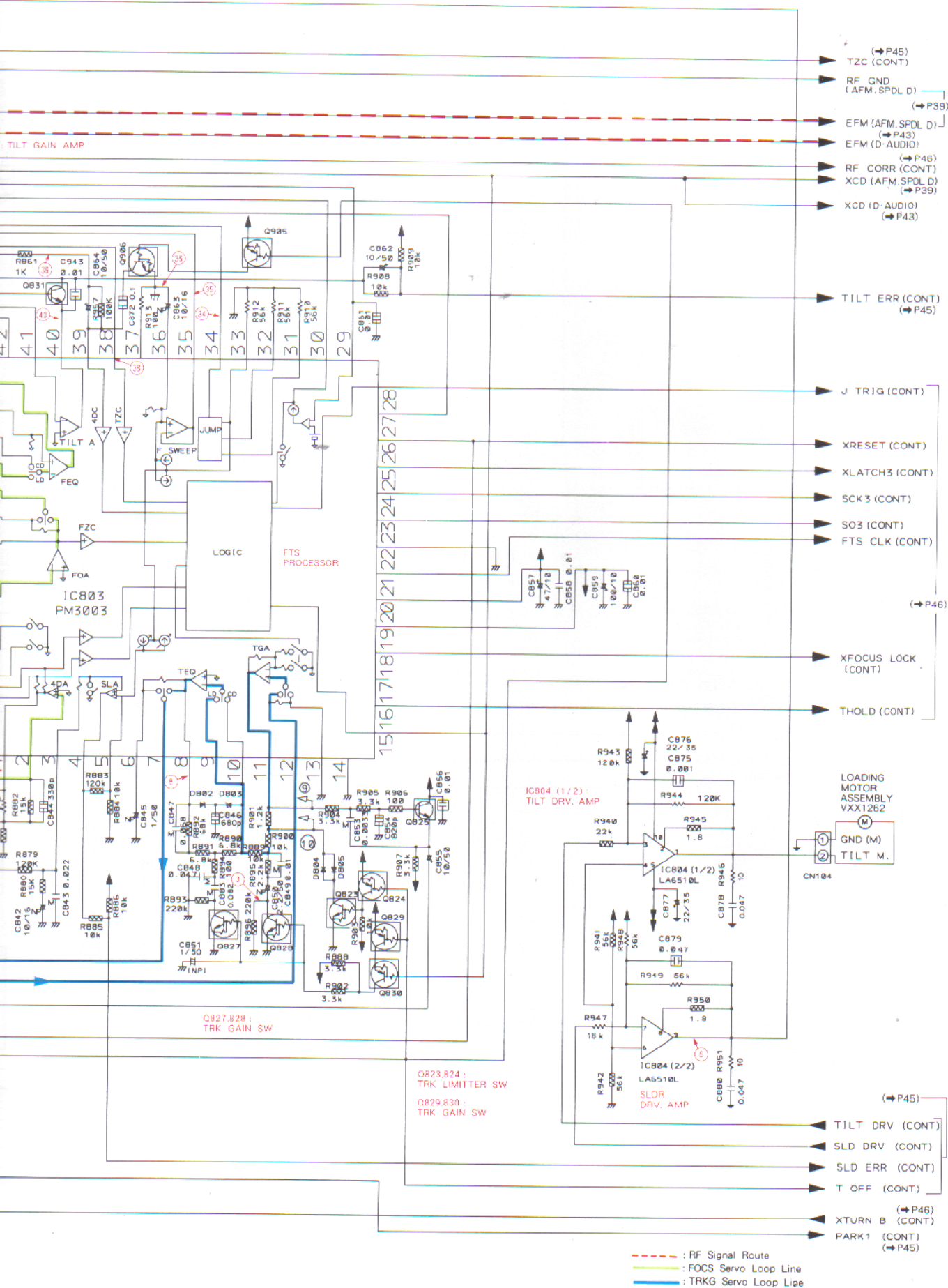
D

D

4

5

6



A

TS

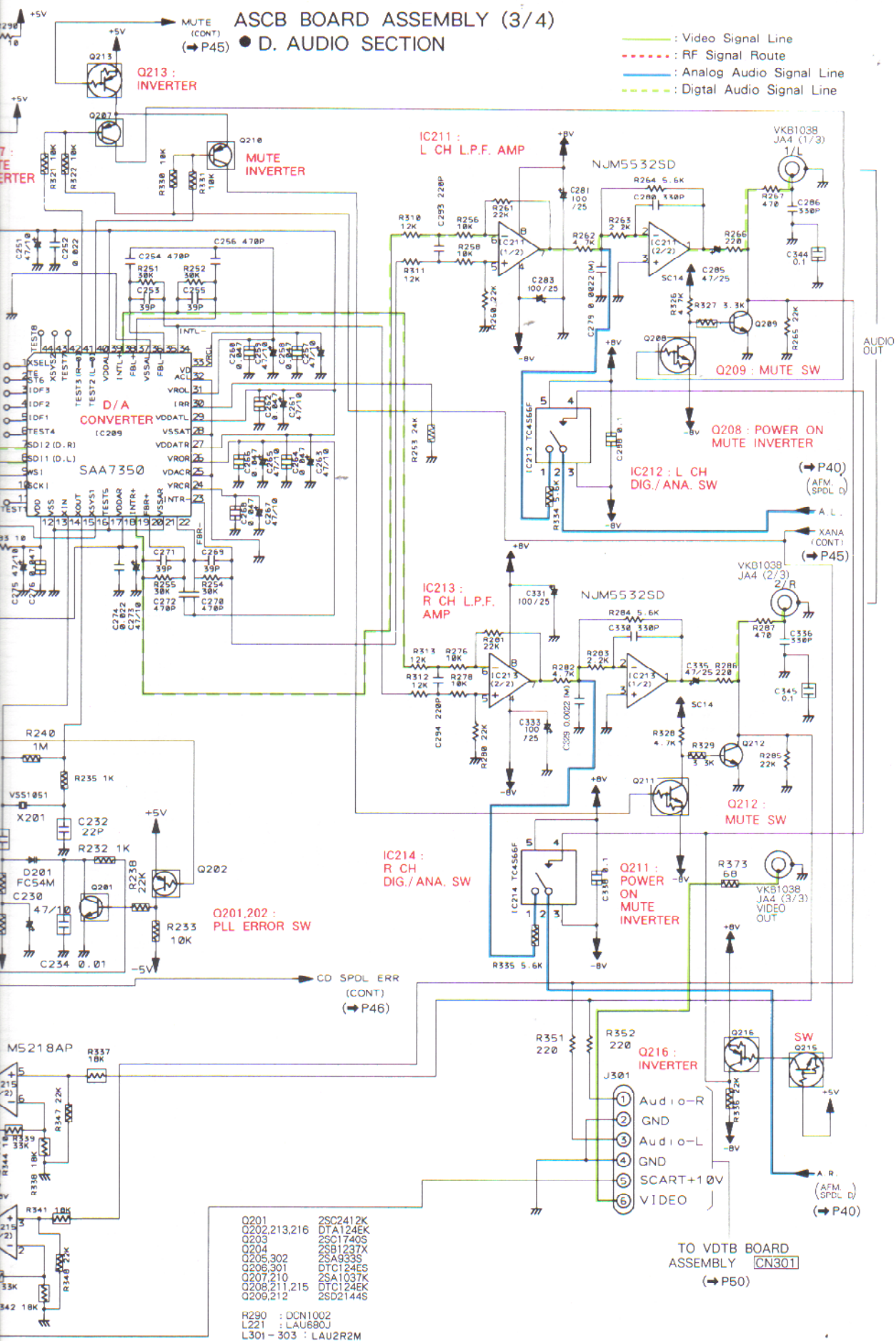
B

C

D

ASCB BOARD ASSEMBLY (3/4)

D. AUDIO SECTION



A A

B B

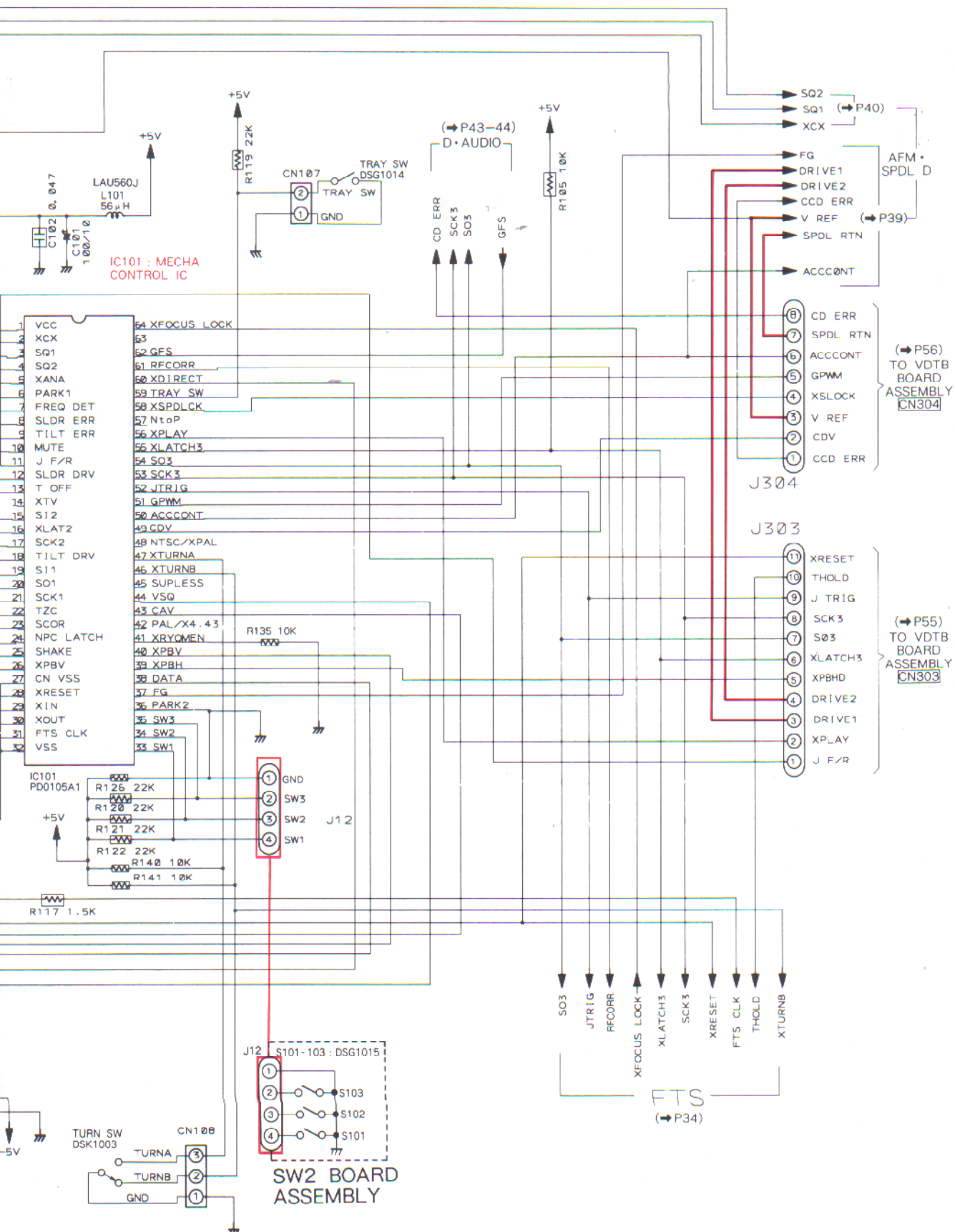
C C

D D

ASCB BOARD ASSEMBLY (4/4)

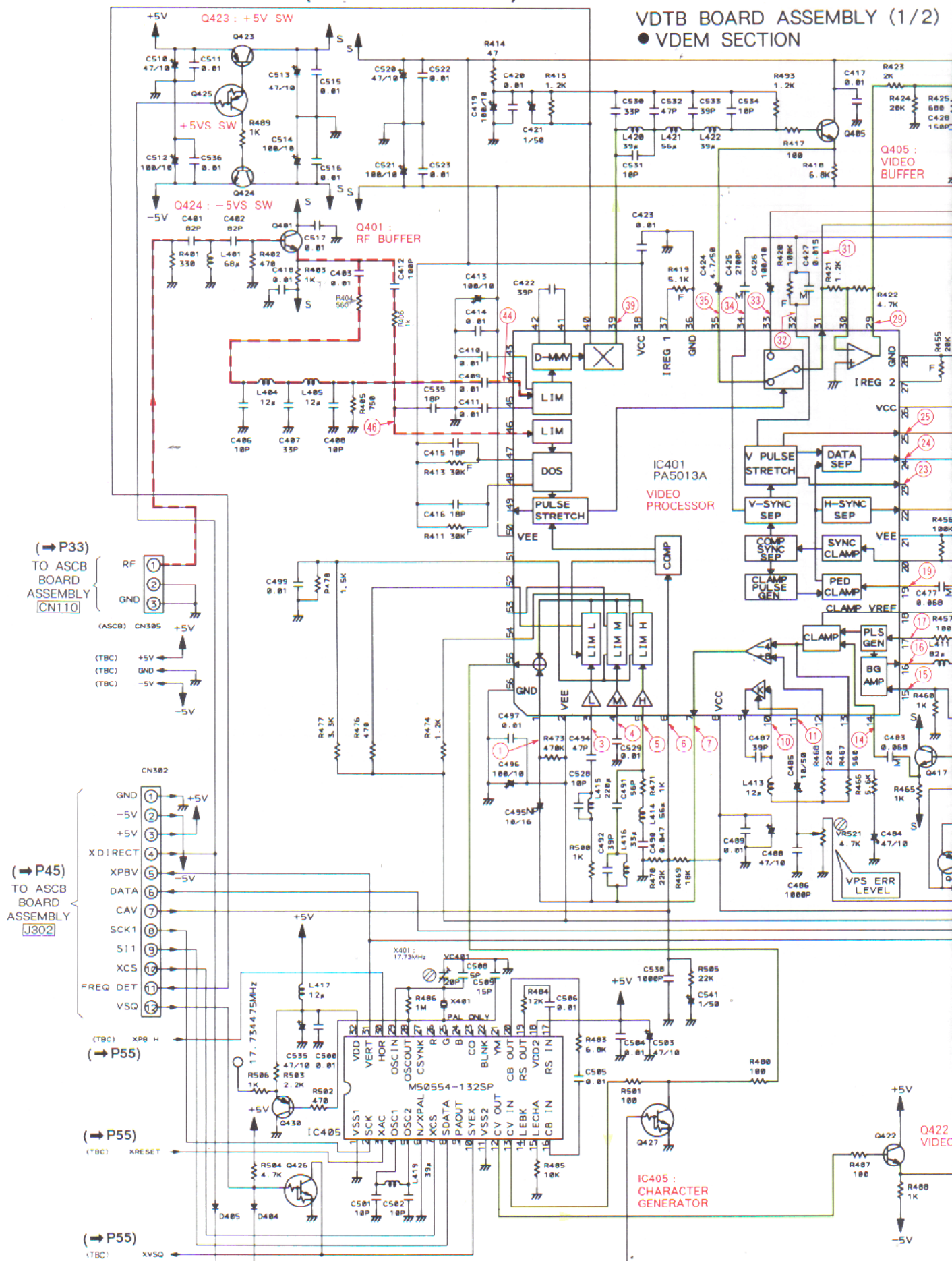
● CONT SECTION

: SPDL Servo Loop Line



4.8 VDTB BOARD ASSEMBLY(1/2:VDEM SECTION)

VDTB BOARD ASSEMBLY (1/2)
● VDEM SECTION





Q408 :
VIDEO
BUFFER

IC402 :CCD DELAY
LINE

Q409,410 :
VIDEO BUFFER

(→ P55)

F SC (TBC)

8 IC402
PM0001

CCD
12 STAGES

12 STAGES

PA0017 CCD CLOCK VCO

(→ P56)

2. ERR (TBC)

VARIABLE
DELAY LINE

VCO_CENTE
FREQ_ADJ

(→ P55)

10

XPB SYNC
PB CHRM

➡ VPS ERR

Q415 :H SYNC
SHAPER

Q414,429 :
VIDEO BUFFER

Q411 - 413 :
VIDEO BUFFER

2SA933S	Q410,414 - 416,430
2SB1237X	Q423
2SC1740S	Q401,405,408,409,411 - 413,417,418,422,429
2CD1858X	Q424
DTA124ES	Q425
DTG124ES	Q426,427
1SS254	D401,404,405

```
VRTB6VS103 : VR441
VRTB6VS472 : VR471.482,521
VCM-008 : VC401
VSS1019 : X401
```

LAU680J : L401,423
LAU120J : L404,405,413,417
LRA471K : L406
LAU221J : L407,408,415
LAU181J : L409
LAU220J : L410
LAU820J : L411,418
LAU330J : L412,416
LAU560J : L414,421
LAU390J : L419,420,422

(→ P58)
TO PALB
BOARD
ASSEMBLY
J401

(→ P44)
TO
• ASCB
BOARD
ASSEMBLY
[1001]

(→ P58)

TO PALB
BOARD
ASSEMBLY

-----: RF Signal Route
 _____: Video Signal Line

PALB BOARD ASSEMBLY

IC102

IC101

PALB VWV 1190-



ASCB
BOARD
ASSEMBLY
J304

ASCB
BOARD
ASSEMBLY
J303

SCRT
BOARD
ASSEMBLY

VDTB BOARD ASSEMBLY

ASCB BOARD
ASSEMBLY

CN110

J302

Q426 Q401 Q427

IC303 IC307

IC303

IC302

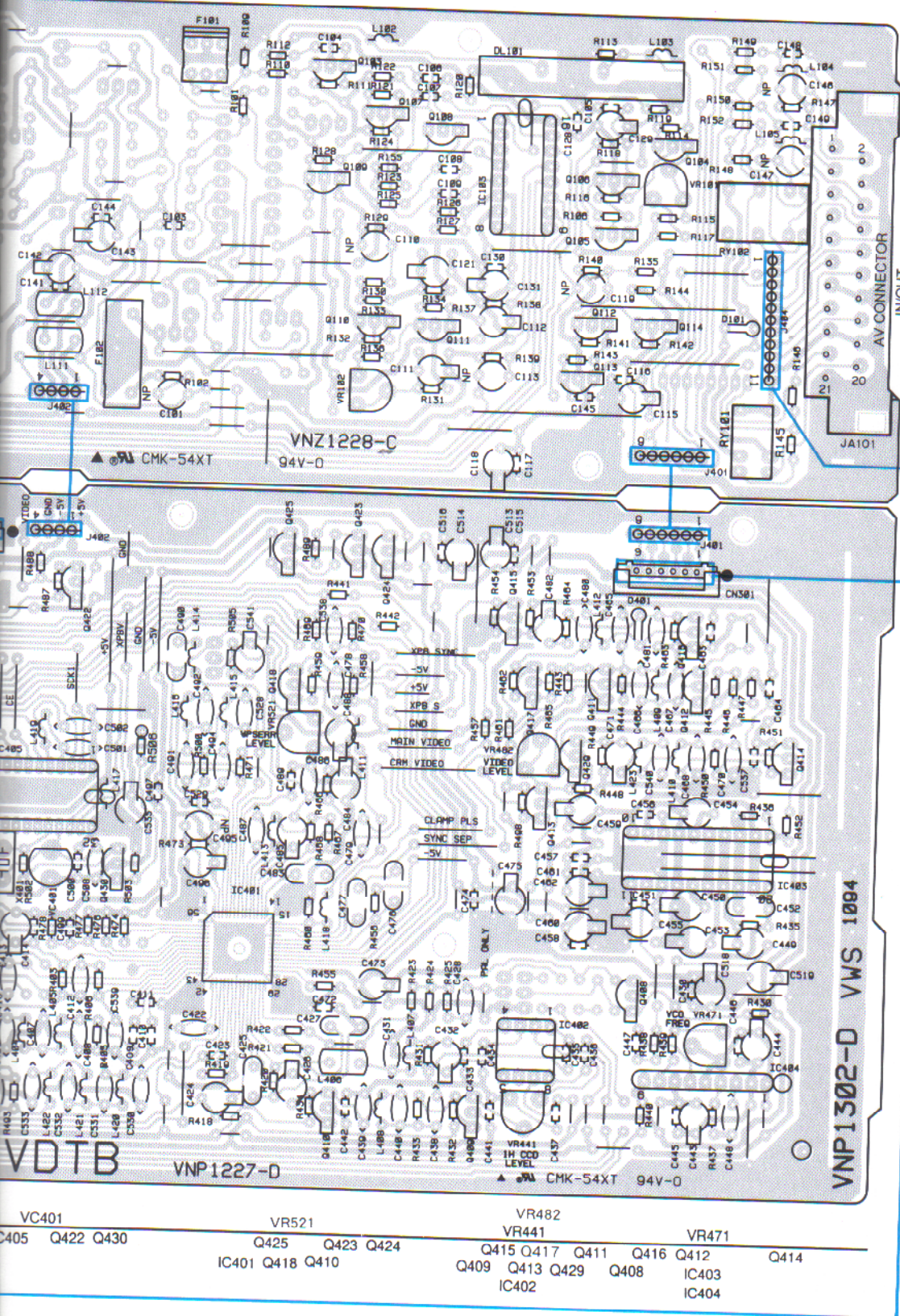
Q301

IC301

VC301
Q302

VC301

Q103	Q107	Q108		Q112	Q106	Q104
Q109	Q110	Q111	IC103	Q113	Q105	Q114
VR102				VR101		



A

A

B

B

C

C

D

D

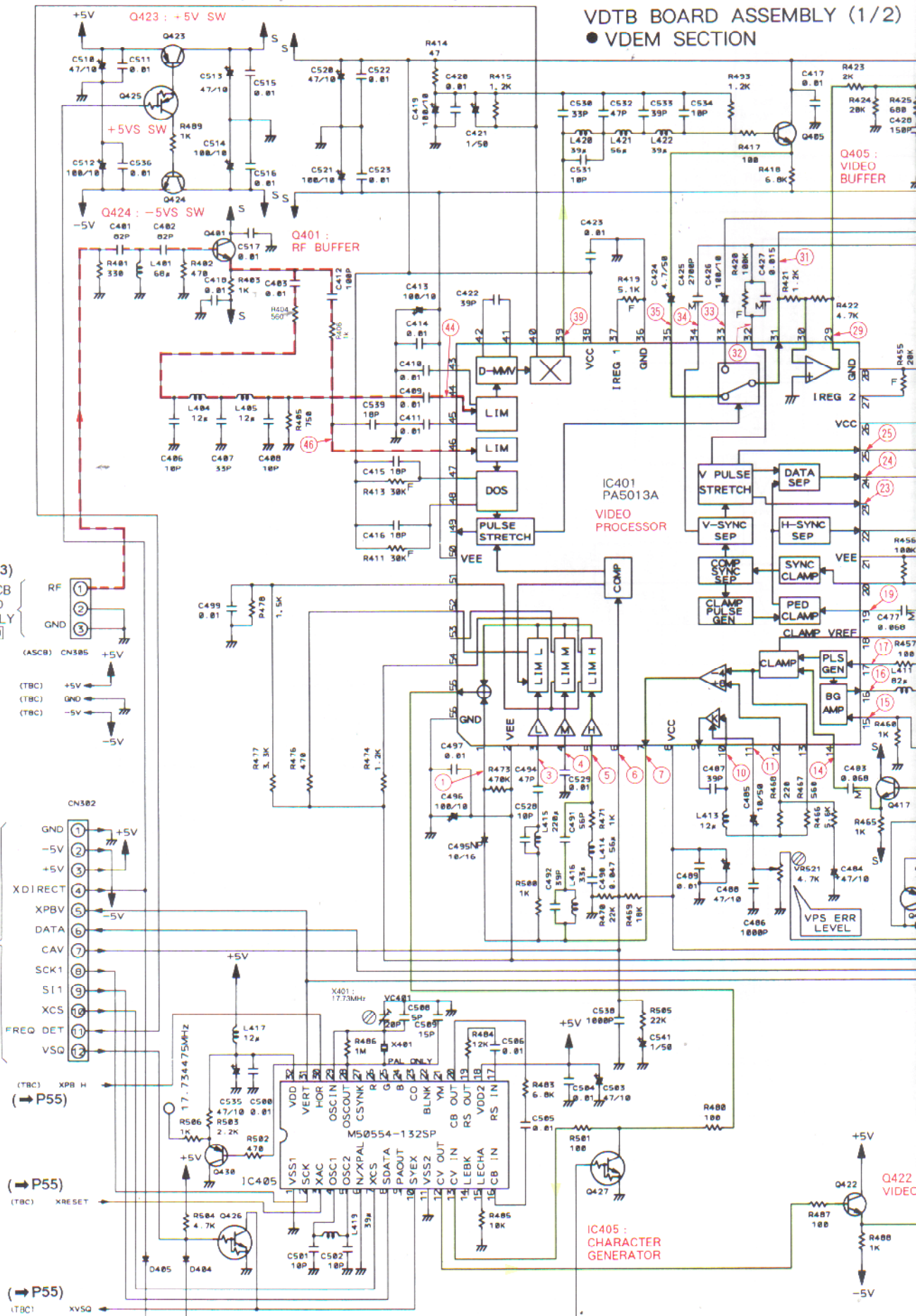
ASCB
BOARD
ASSEMBLY
J301

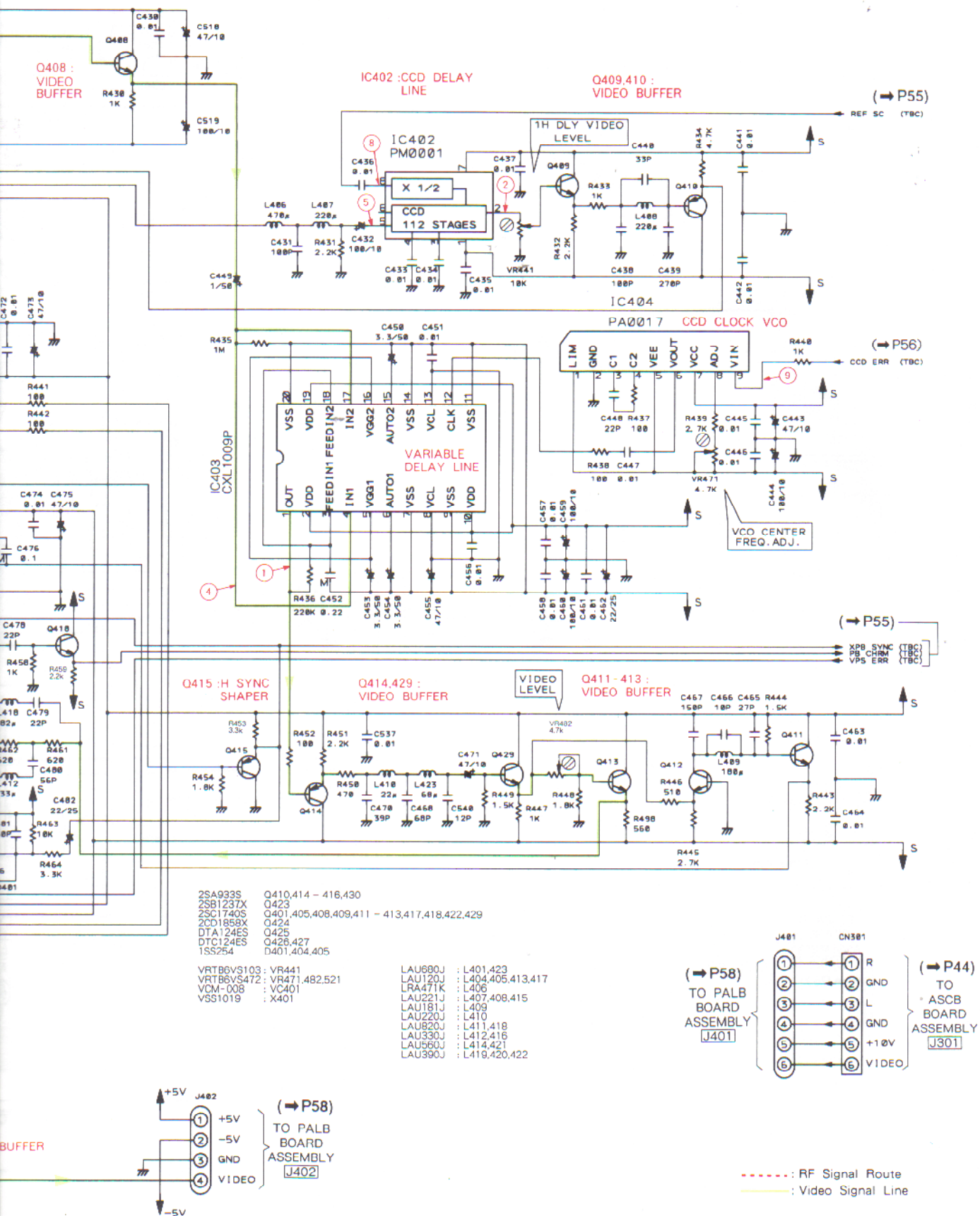
4.8 VDTB BOARD ASSEMBLY(1/2:VDEM SECTION)

VDTB BOARD ASSEMBLY (1/2) ● VDEM SECTION

(→P33)
TO ASCB
BOARD
ASSEMBLY
[CN110]

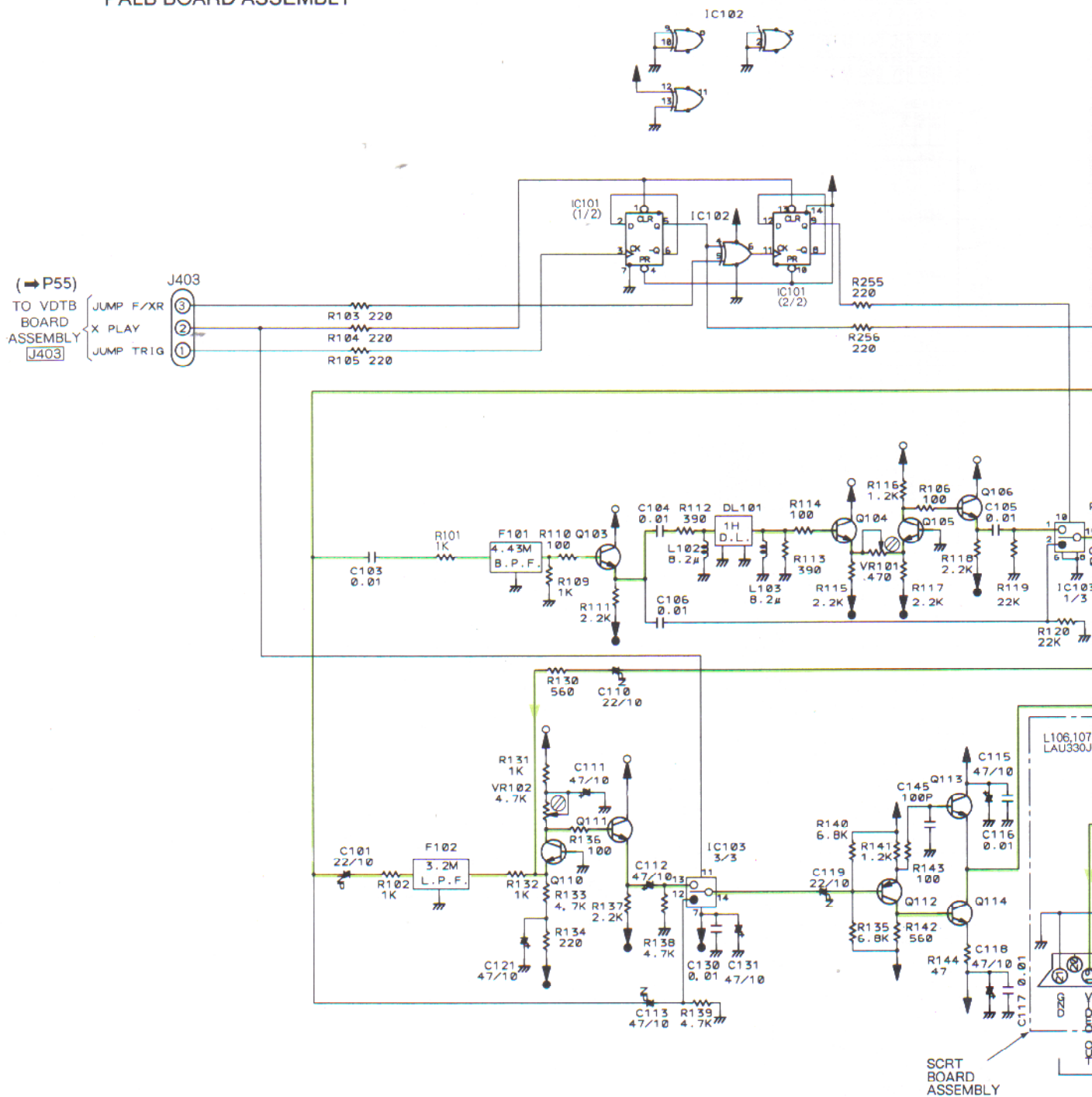
(→P45)
TO ASCB
BOARD
ASSEMBLY
[J302]

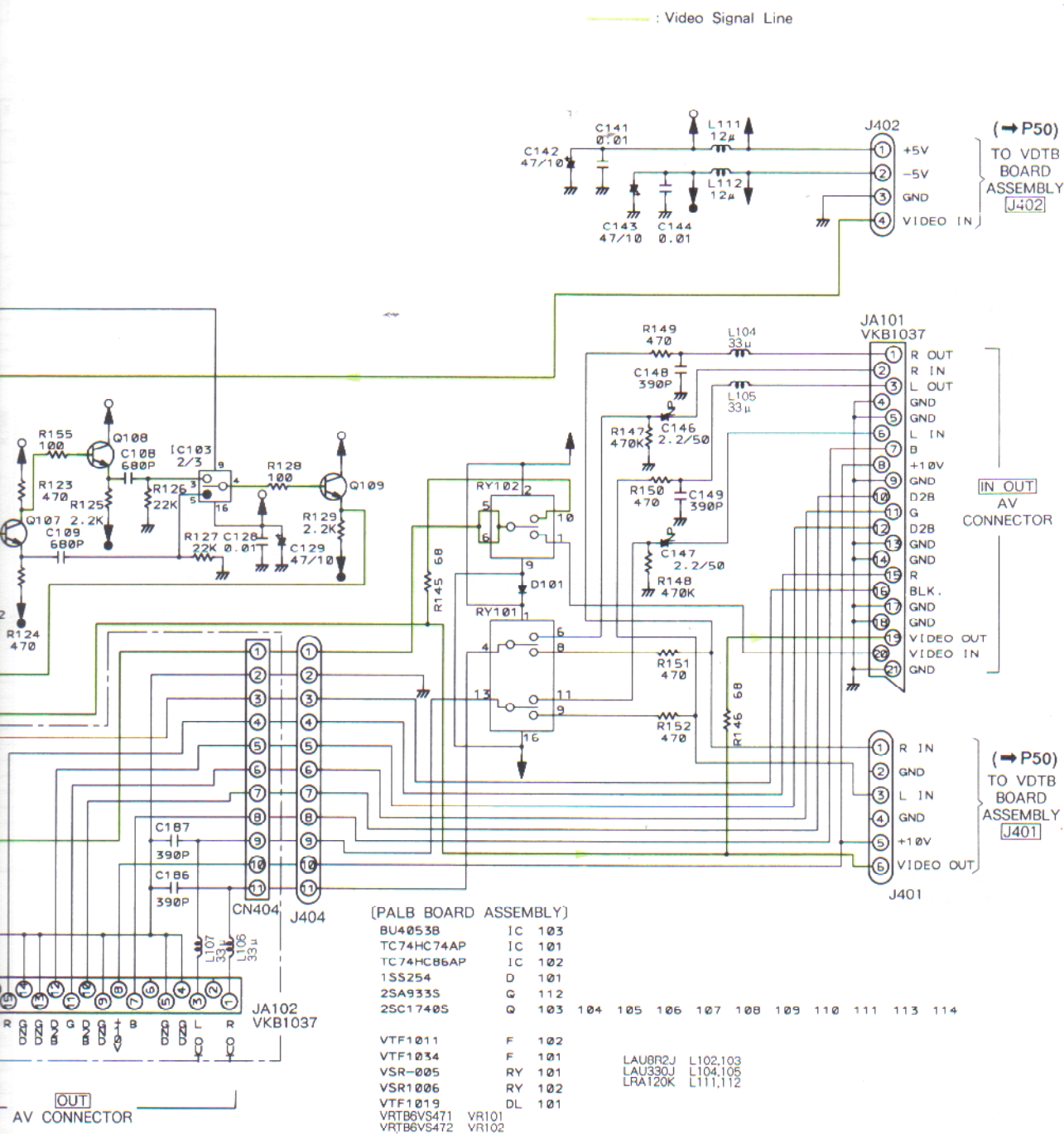




4.10 PALB AND SCRT BOARD ASSEMBLIES

PALB BOARD ASSEMBLY





A A

B B

C C

D D

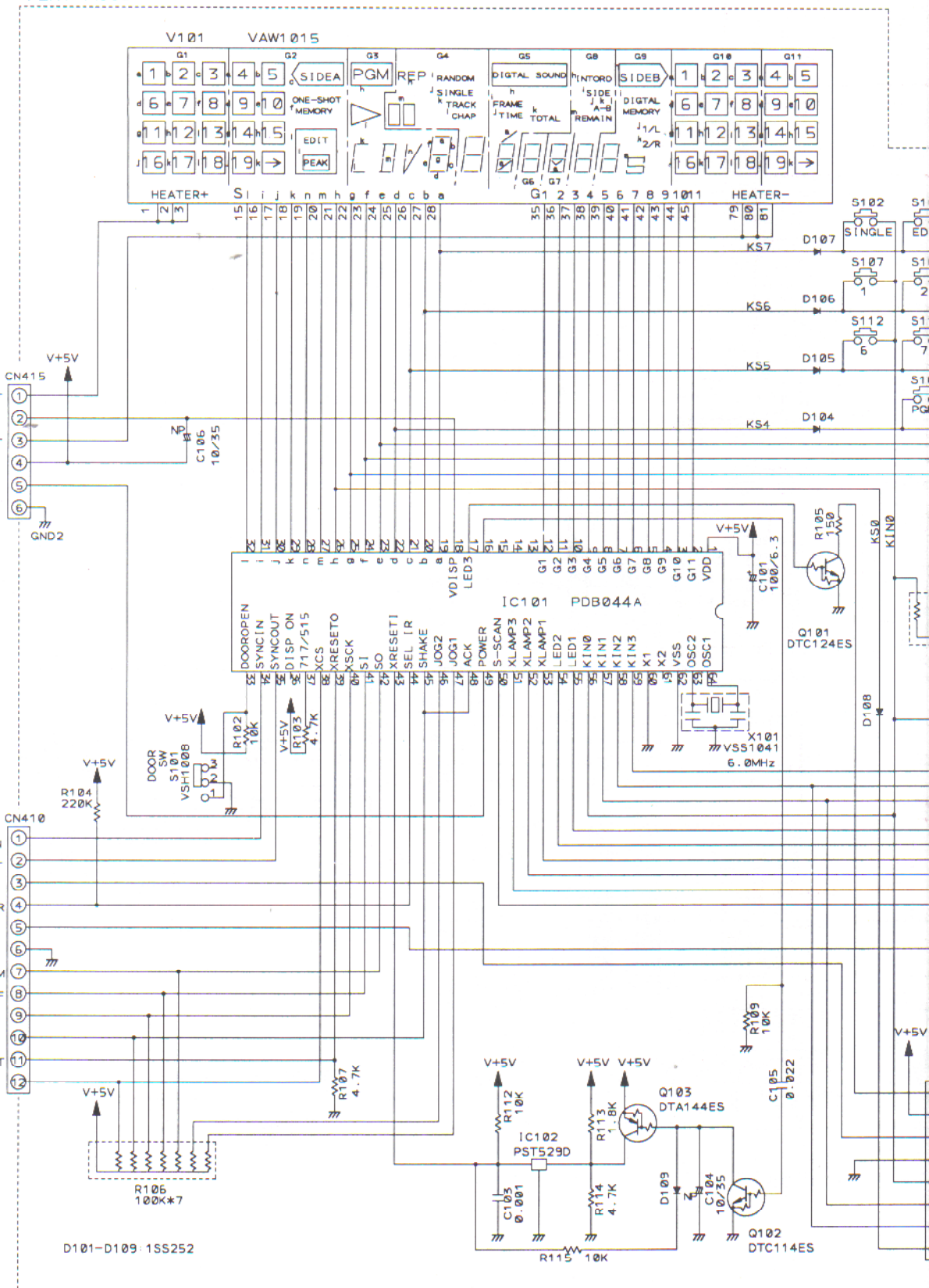
4.11 FLKY, HEPB AND PSWB ASSEMBLIES

FLKY ASSEMBLY

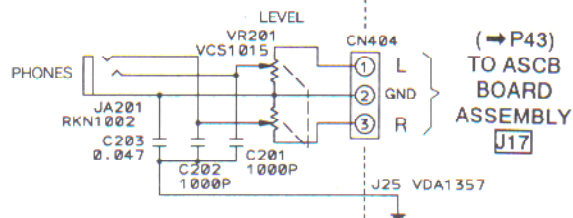
(→ P26)
TO POWER
SUPPLY
BOARD
ASSEMBLY
CN315

HEATER+
-30V
HEATER-
+5V (E)
POWER
ON
GND2

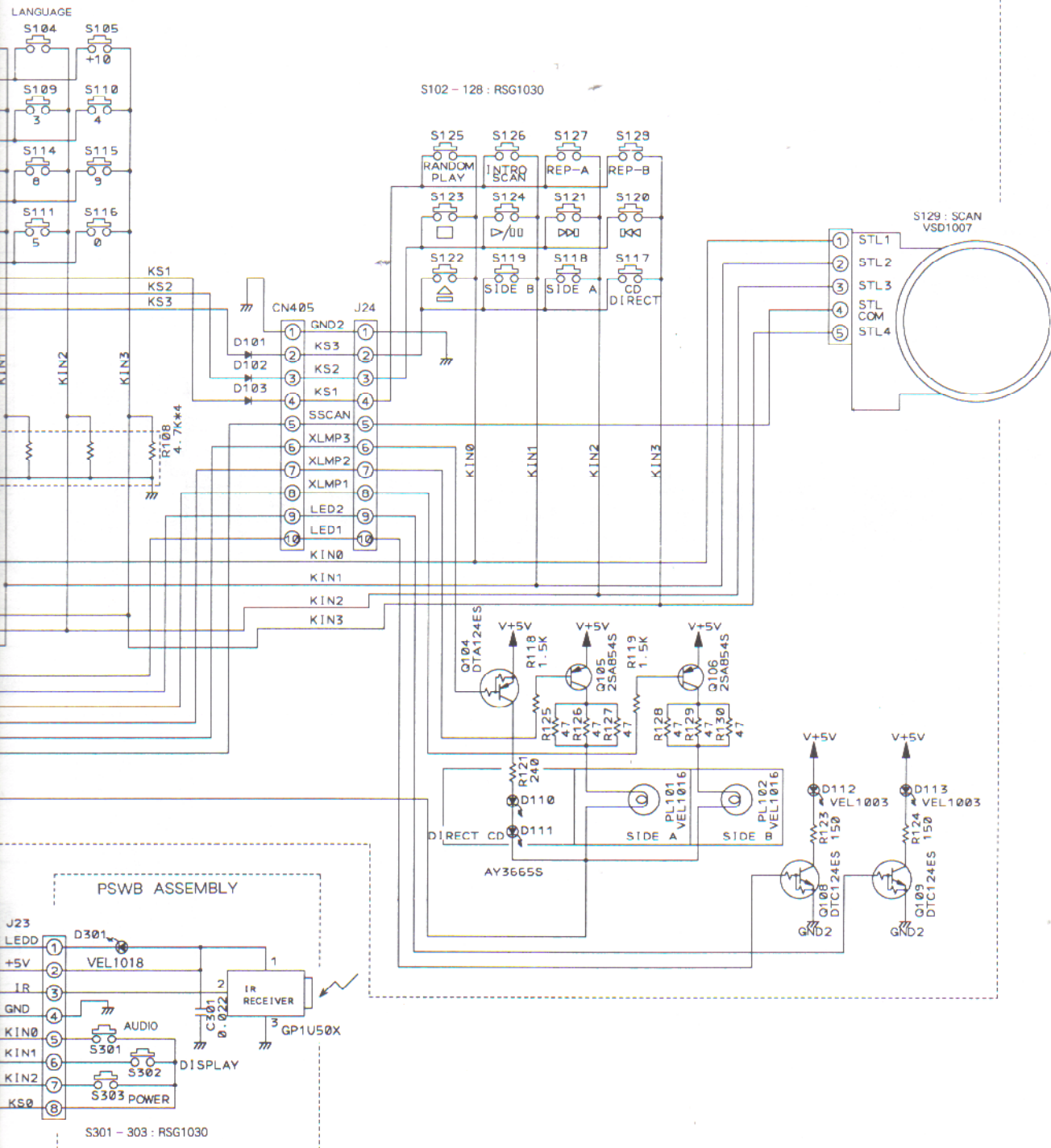
TO ASCB
BOARD
ASSEMBLY
J116
(→ P45)



HEPB ASSEMBLY



FLKB ASSEMBLY (VWM1176)
FLKB assembly is composed of the
FLKY, PSWB and HEPB assemblies.

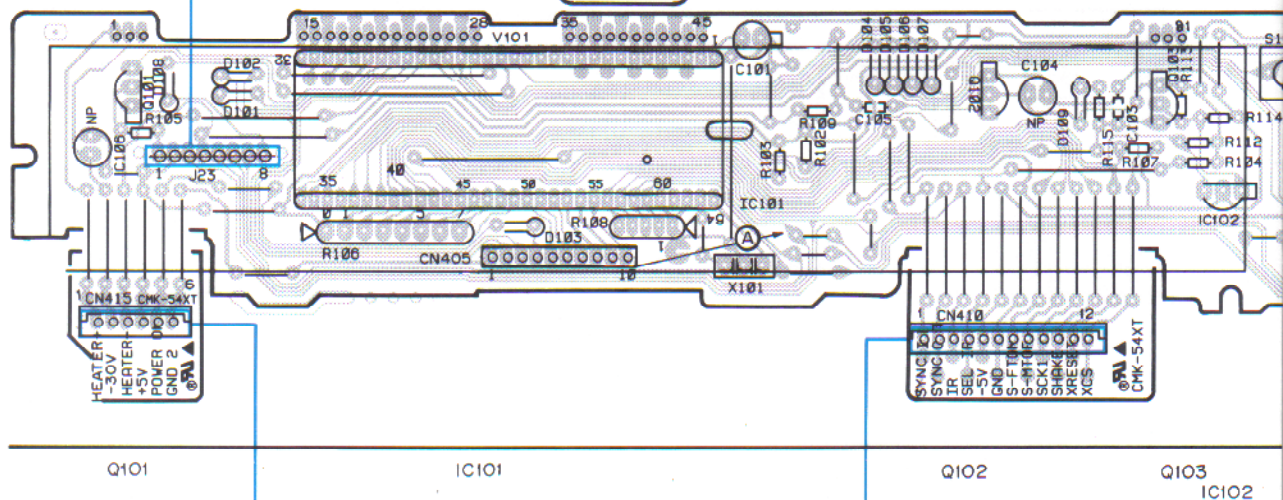
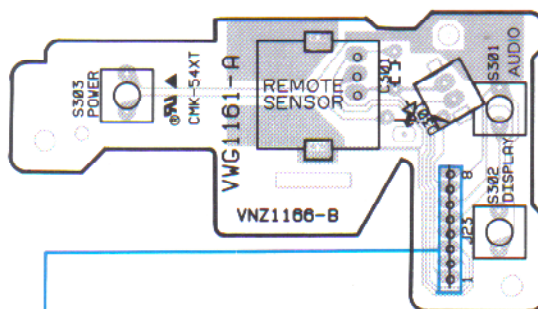


FLKY ASSE



S117
DIRECT CO

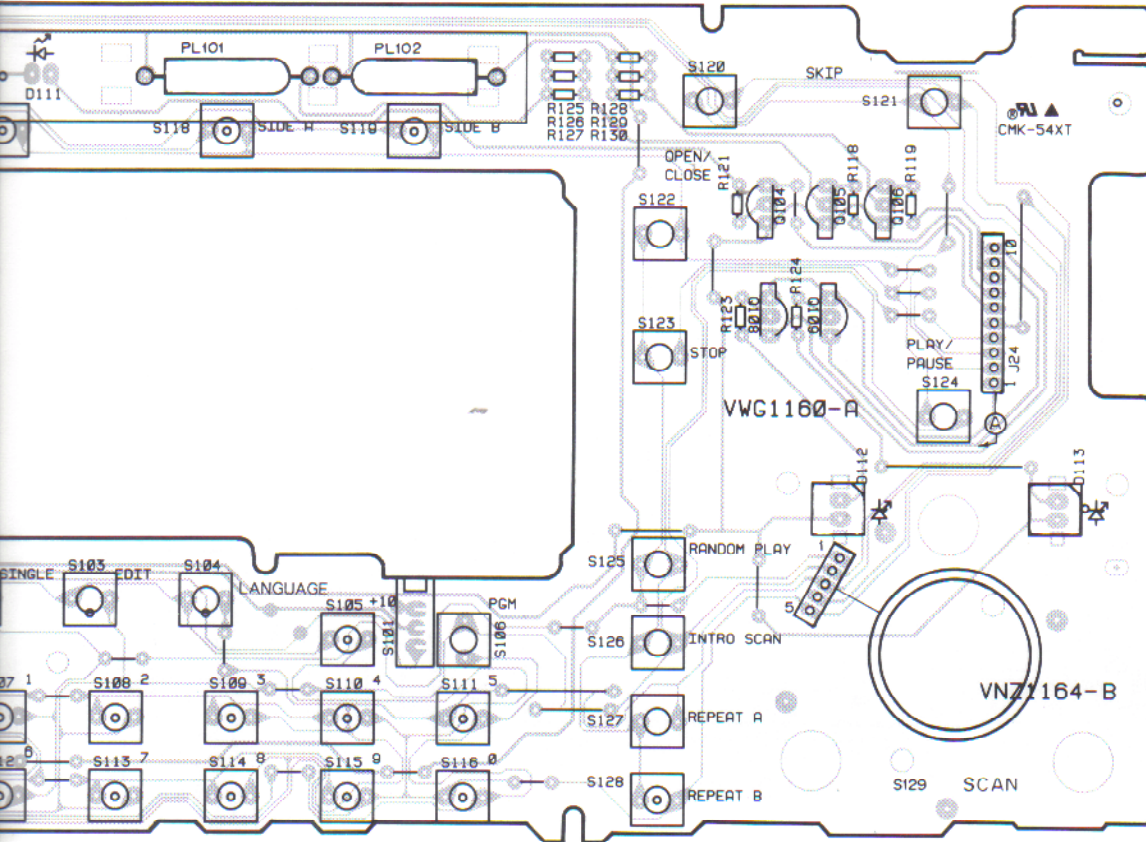
PSWB ASSEMBLY



POWER SUPPLY
BOARD ASSEMBLY
CN315

ASCB BOARD
ASSEMBLY
J116

BLY



Q104 Q105 Q106
Q108 Q109

A A

B B

C C

D D