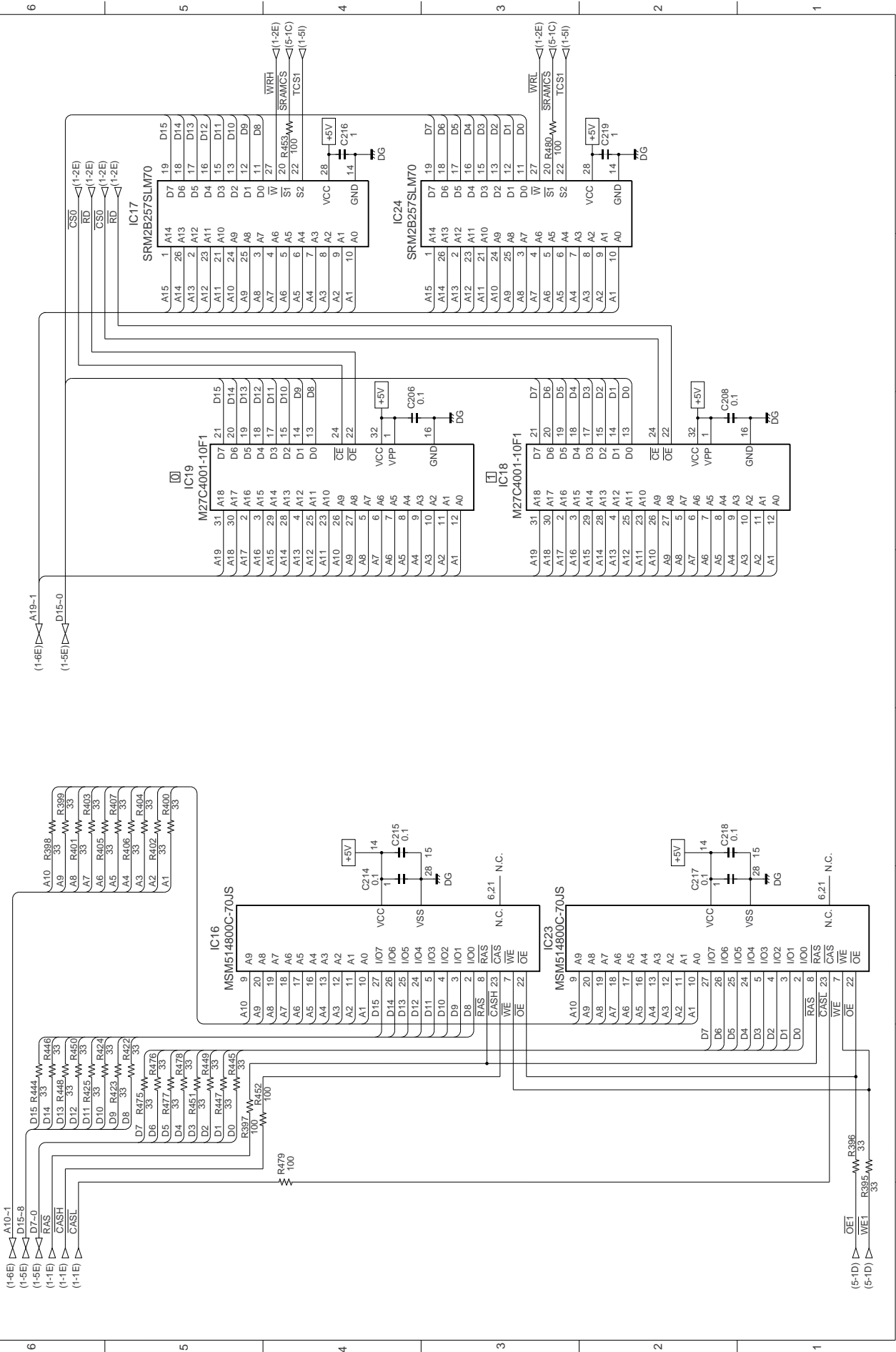




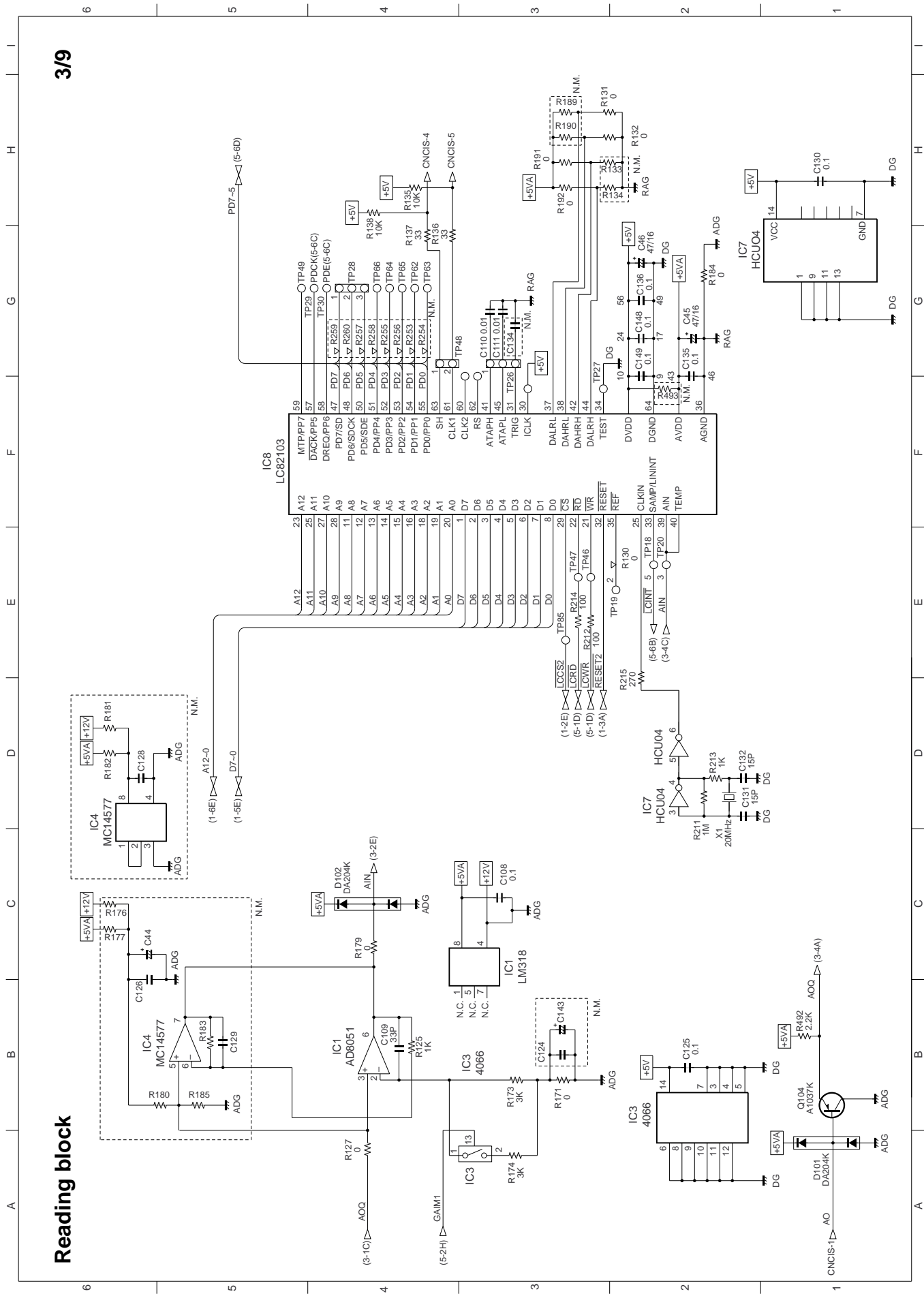
**Memory block**

**2/9**



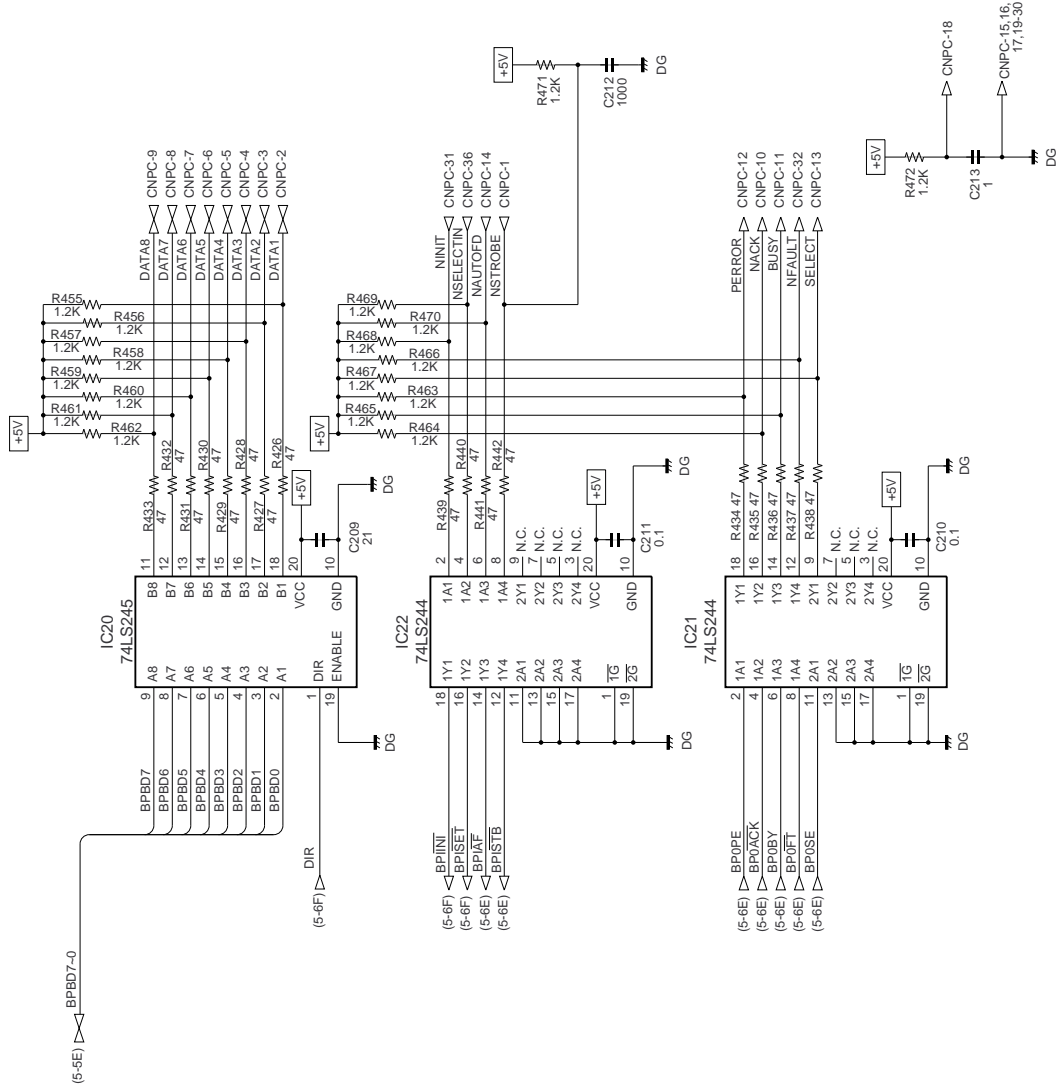
Reading block

3/9



PC output block

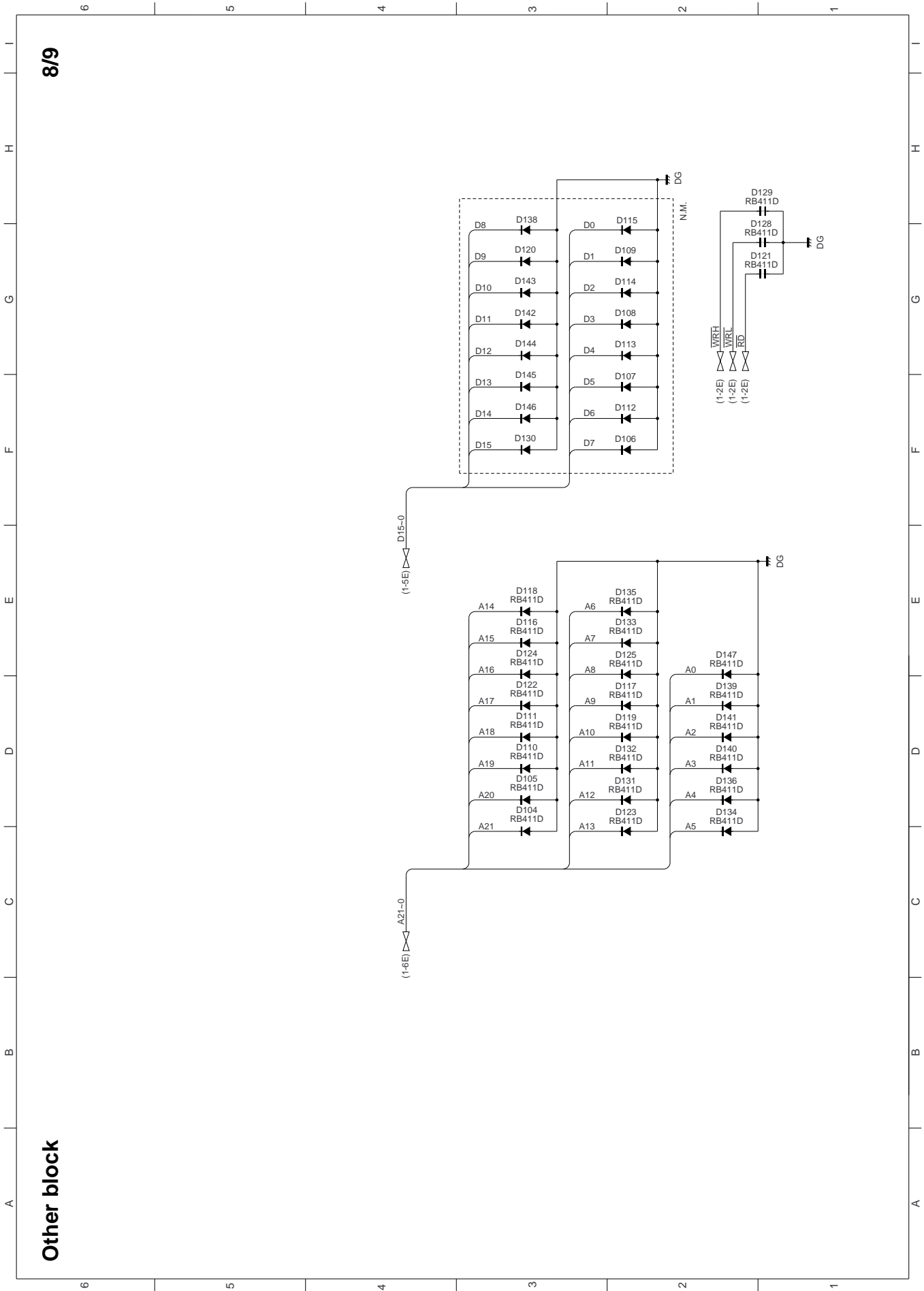
4/9













# Connector

9/9

CNLIUA	
1	24VA
2	DG
3	PAPER
4	+5V
5	CMIL
6	CI
7	HS
8	RHS
9	TXOUT
10	RIN
11	TELMUTE
12	N.C.
13	TELOUT
14	TELIN

CNMM	
1	TPA
2	TPB
3	TPA
4	TPB
5	24V
6	24V

CNPC	
1	NSTROBE
2	DATA1
3	DADA3
4	DADA3
5	DATA5
6	DATA5
7	DATA7
8	DATA7
9	DATA8
10	NACK
11	PIERROR
12	PIERROR
13	NAUTOFD
14	NAUTOFD
15	DG
16	DG
17	+5V
18	+5V
19	DG
20	DG
21	DG
22	DG
23	DG
24	DG
25	DG
26	DG
27	DG
28	DG
29	DG
30	DG
31	NAFAULT
32	NAFAULT
33	N.C.
34	N.C.
35	INSELECTIN
36	INSELECTIN

CNPHOT	
1	+5V
2	PHOTIN
3	DG
4	DTST
5	DG
6	PHOTON

CNPHOT	
1	+5V
2	PHOTIN
3	DG
4	DTST
5	DG
6	PHOTON

CNBAT	
1	BAT+
2	BAT-

CNIR	
1	+5V
2	DRSNS
3	IRTXA
4	IRRXA
5	DG

CNPW	
1	MG
2	MG
3	+24V
4	+24V
5	DG
6	+5V
7	DG
8	VREG

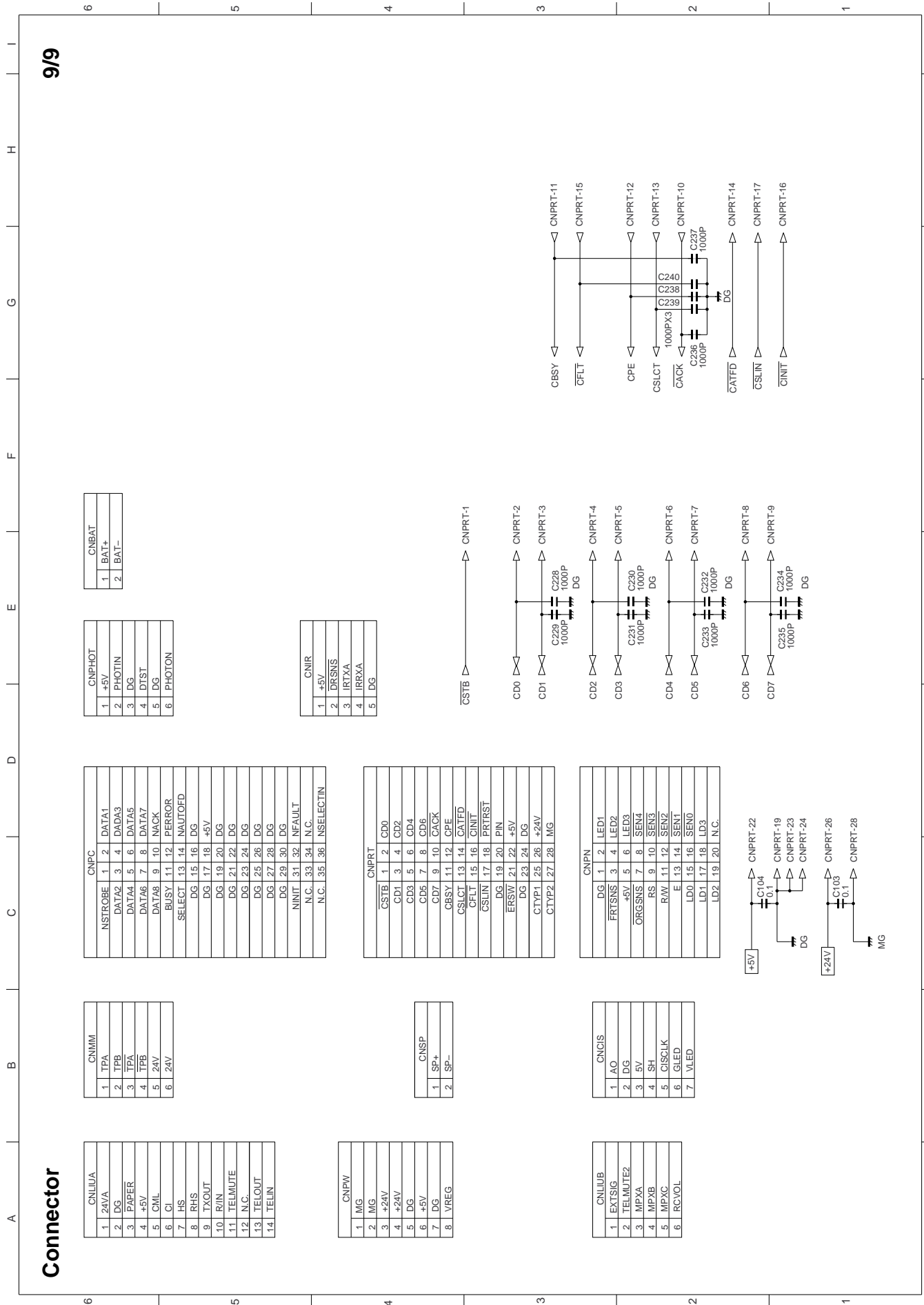
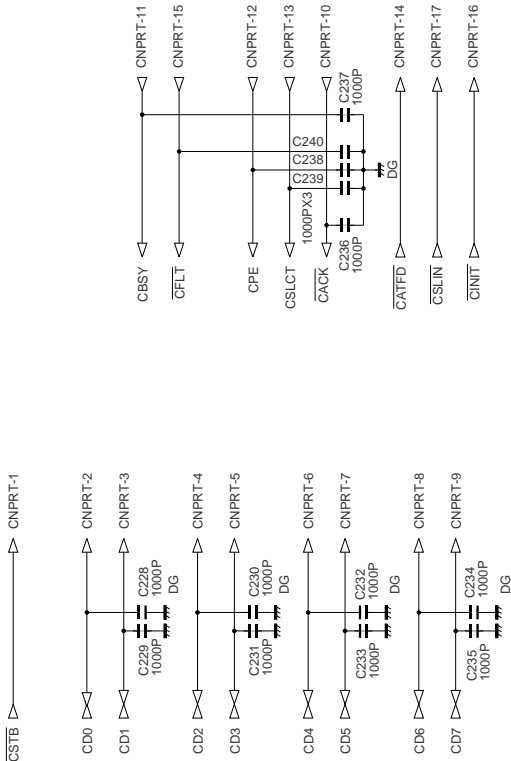
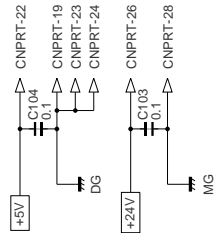
CNBP	
1	SP+
2	SP-

CNPRT	
1	CD0
2	CD0
3	CD2
4	CD2
5	CD4
6	CD4
7	CD6
8	CD6
9	CD8
10	CD8
11	CPE
12	CPE
13	CATFD
14	CATFD
15	CINIT
16	CINIT
17	PRTRST
18	PRTRST
19	PIN
20	PIN
21	+5V
22	+5V
23	DG
24	DG
25	+24V
26	+24V
27	MG
28	MG

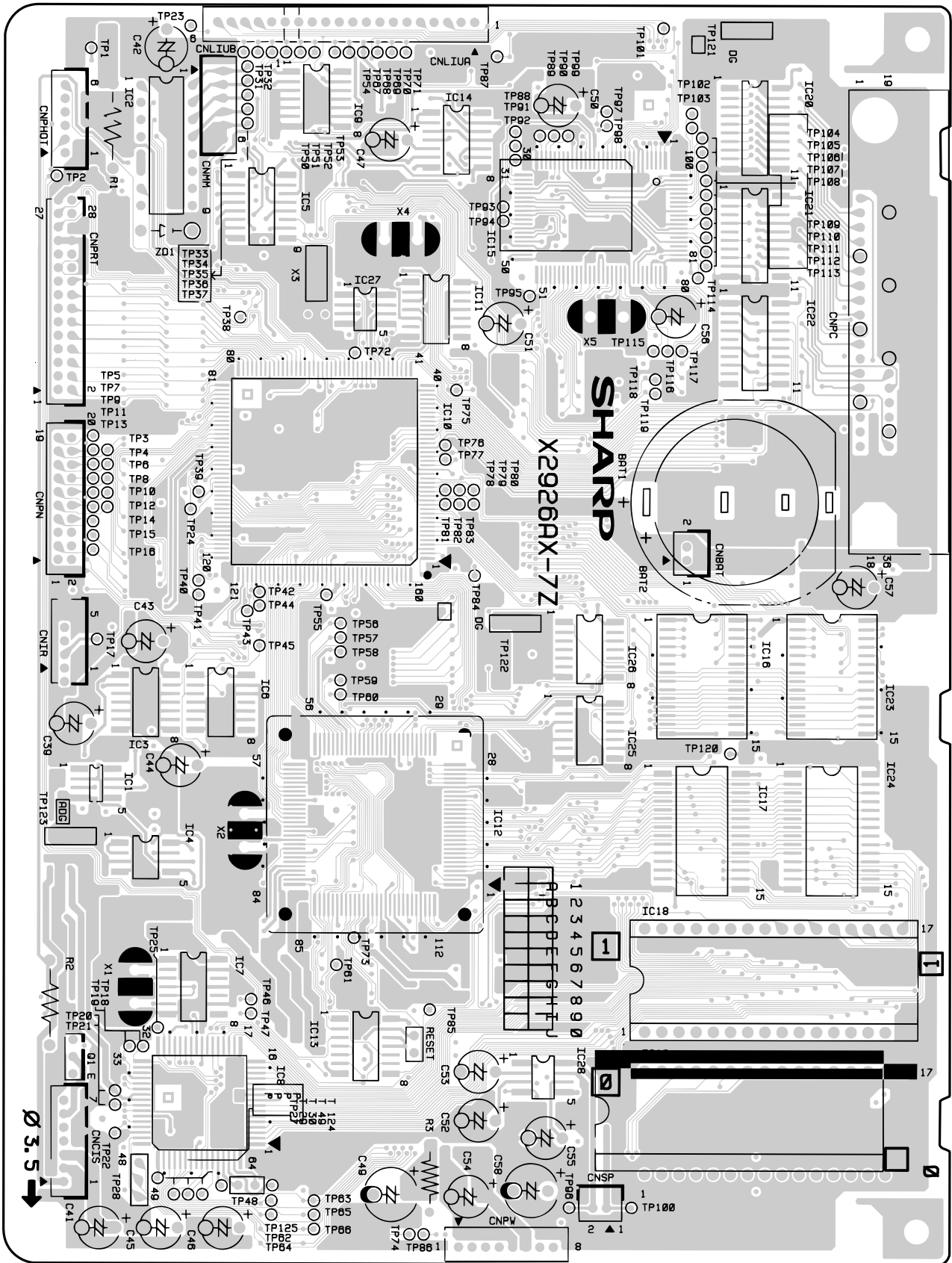
CNLIUB	
1	EXTSIG
2	TELMUTE2
3	MPXA
4	MPXB
5	MPXC
6	RCVOL

CNCLIS	
1	AO
2	DG
3	5V
4	LED3
5	LED3
6	SEN4
7	SEN4
8	SEN4
9	SEN3
10	SEN3
11	SEN2
12	SEN2
13	SEN1
14	SEN1
15	SEN0
16	SEN0
17	LD3
18	LD3
19	N.C.
20	N.C.

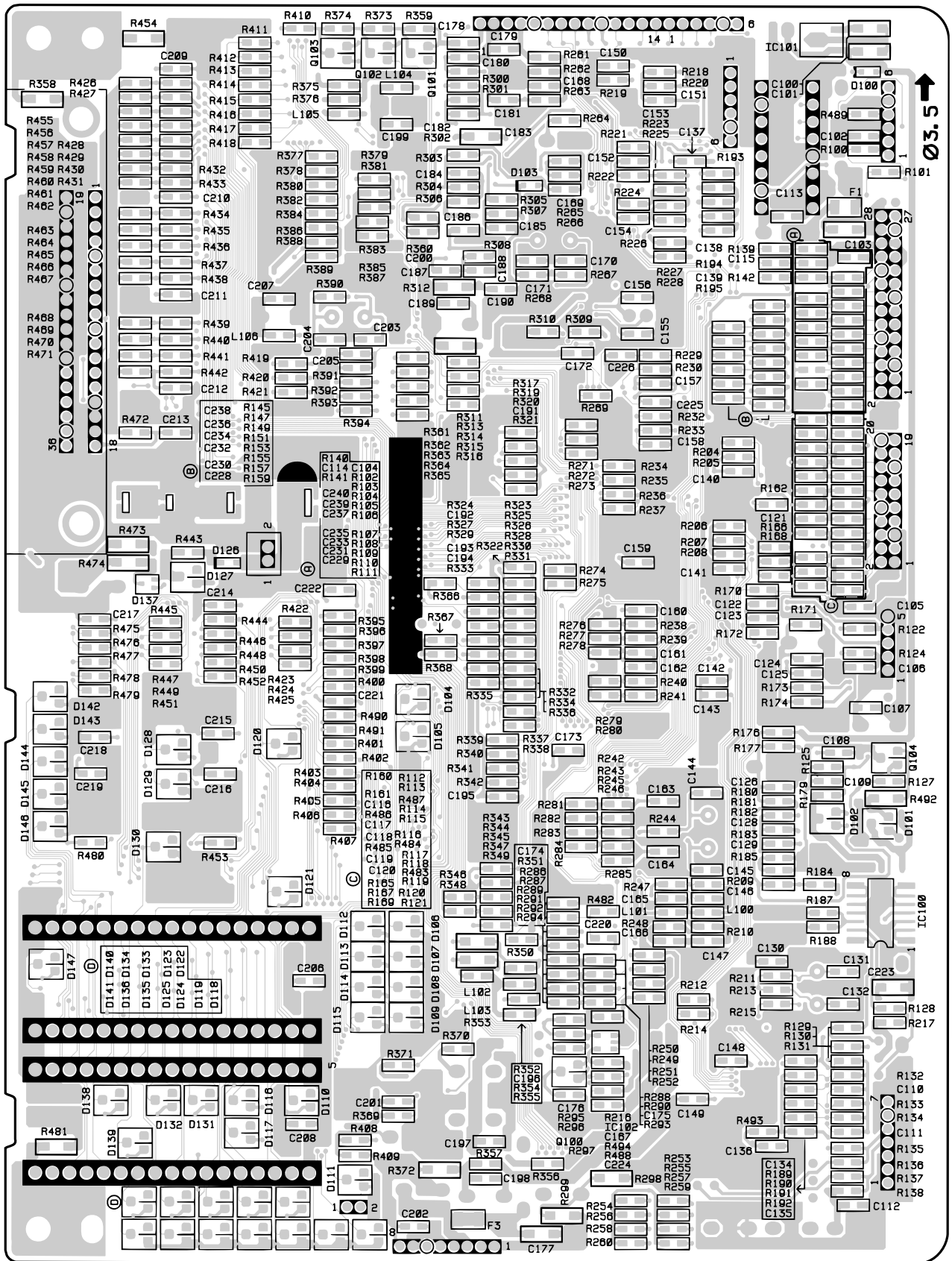
CNPN	
1	LED1
2	LED1
3	LED2
4	LED2
5	LED3
6	LED3
7	SEN4
8	SEN4
9	SEN3
10	SEN3
11	SEN2
12	SEN2
13	SEN1
14	SEN1
15	SEN0
16	SEN0
17	LD3
18	LD3
19	N.C.
20	N.C.



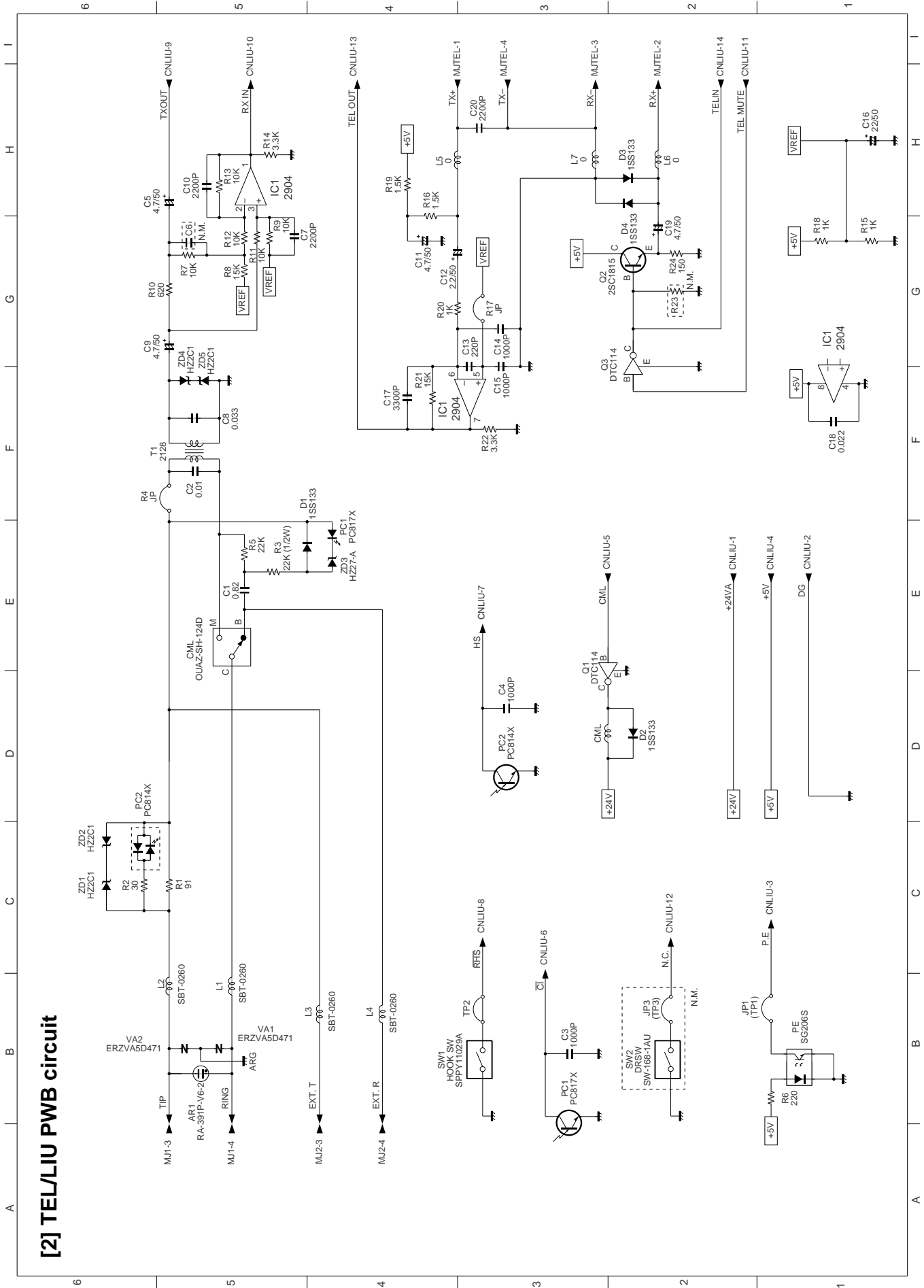
### Control PWB parts layout (Top side)



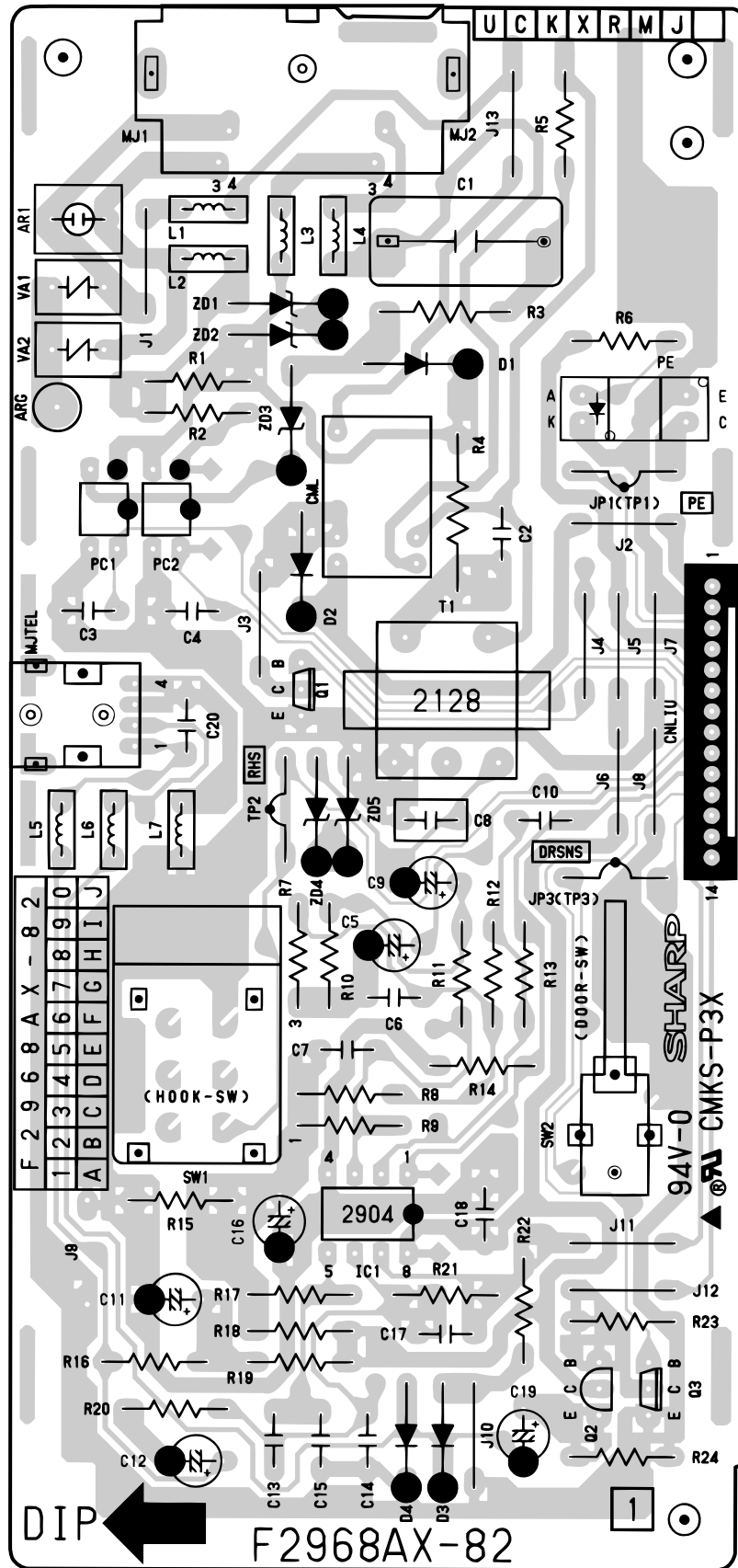
### Control PWB parts layout (Bottom side)

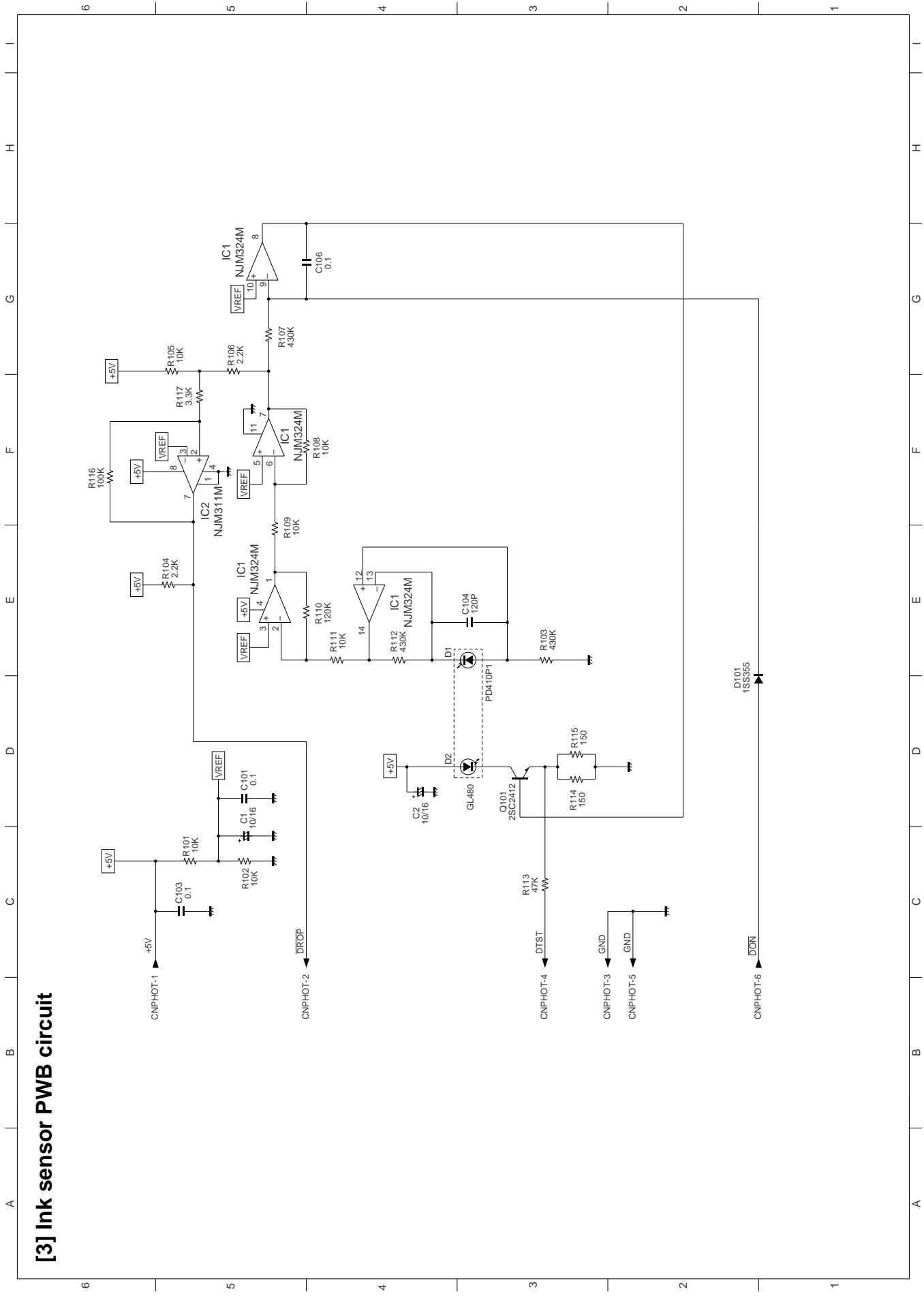


[2] TEL/LIU PWB circuit

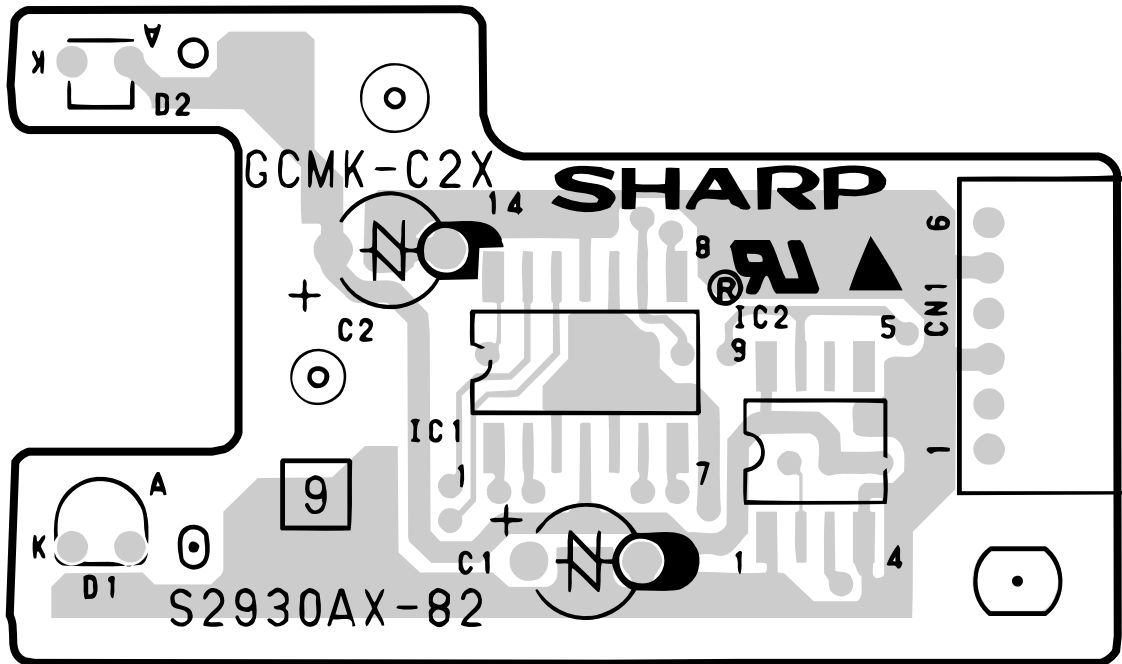


TEL/LIU PWB parts layout

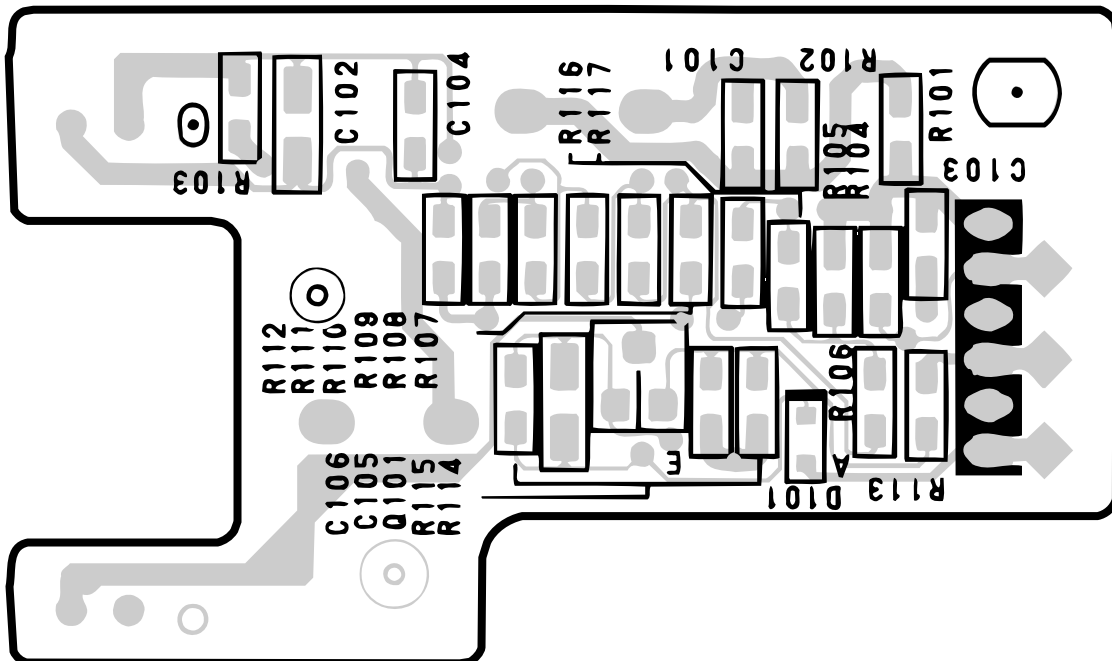




### Ink sensor PWB parts layout (Top side)

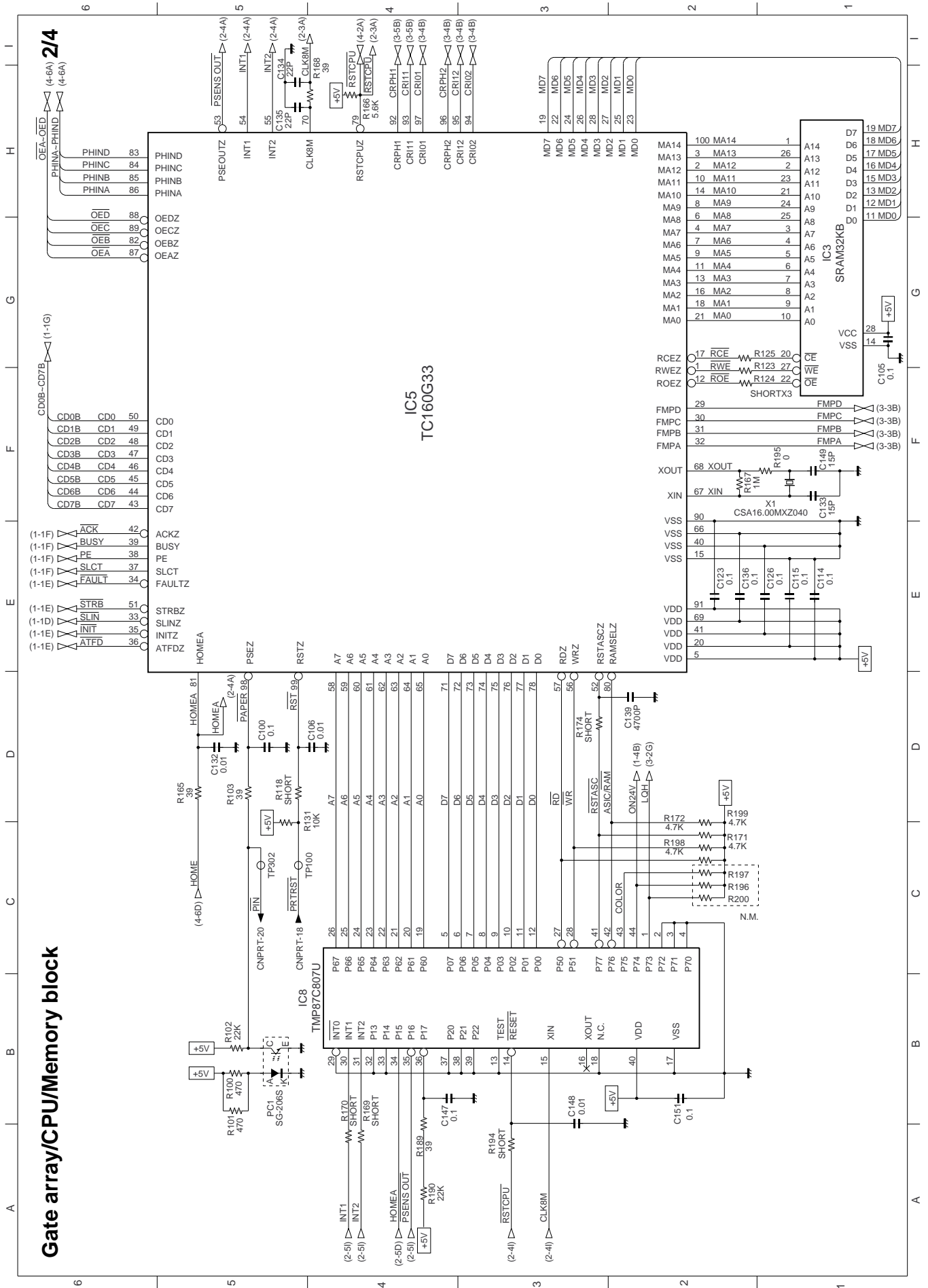


### Ink sensor PWB parts layout (Bottom side)



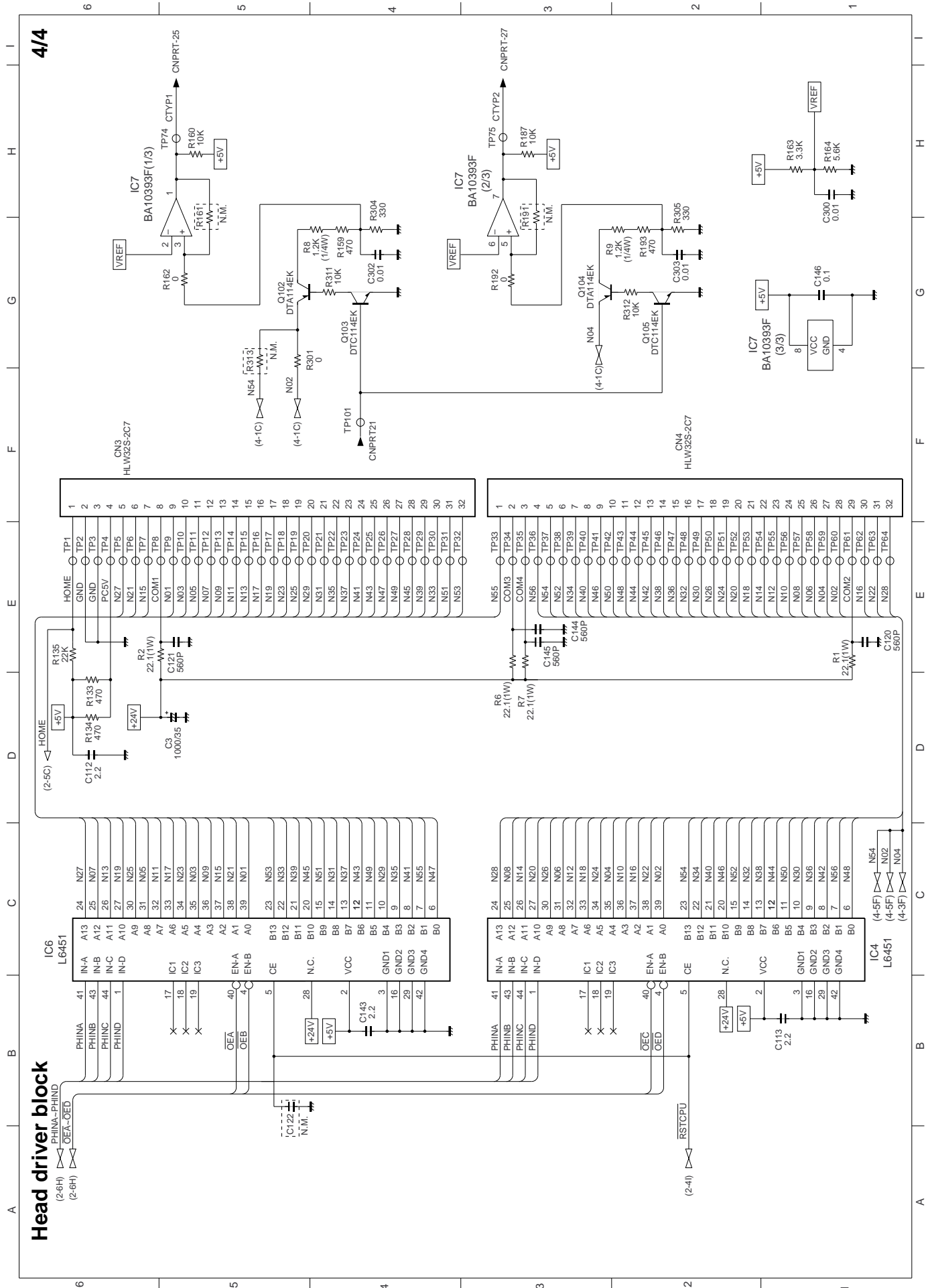




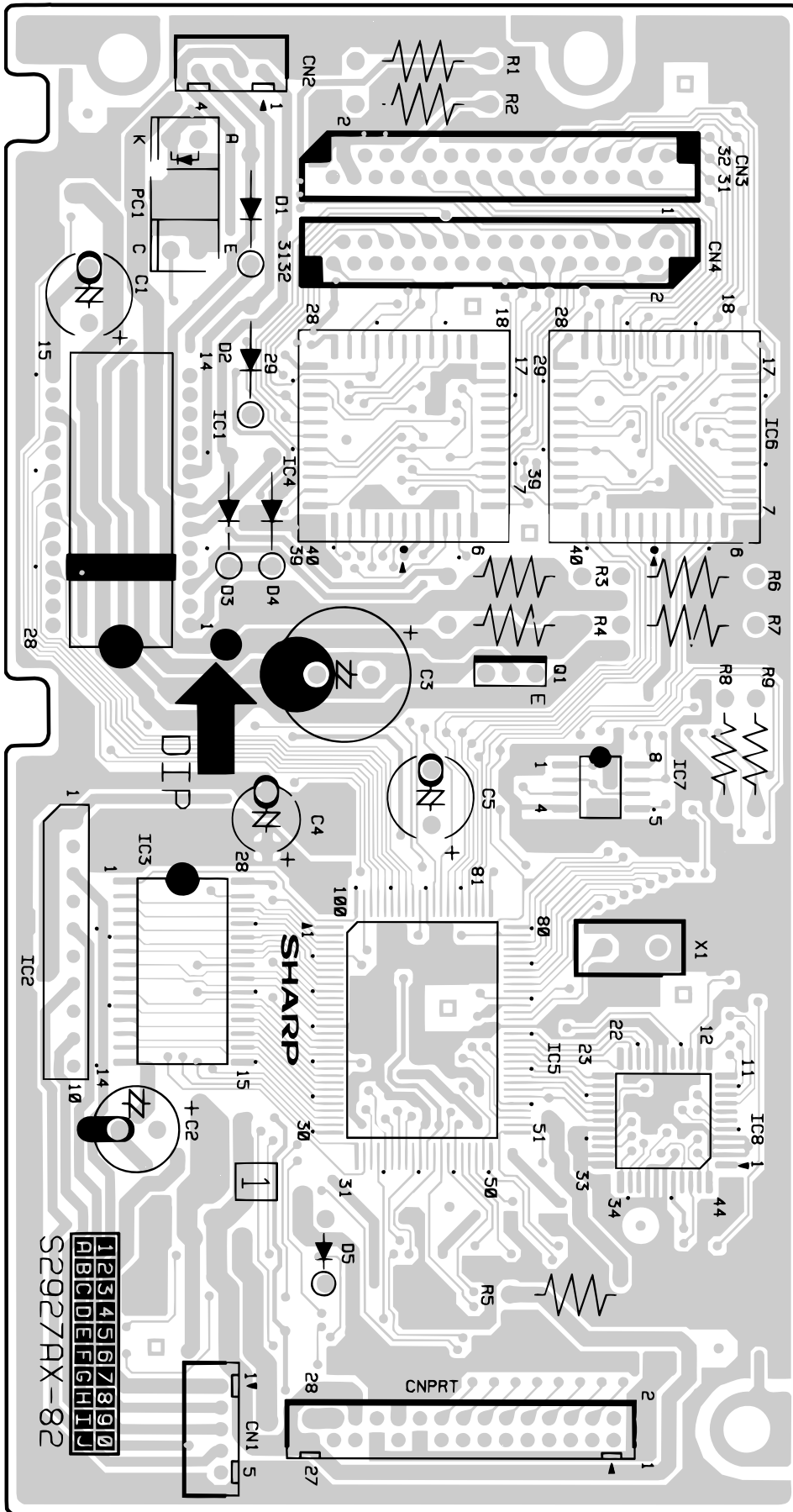


**Gate array/CPU/Memory block**

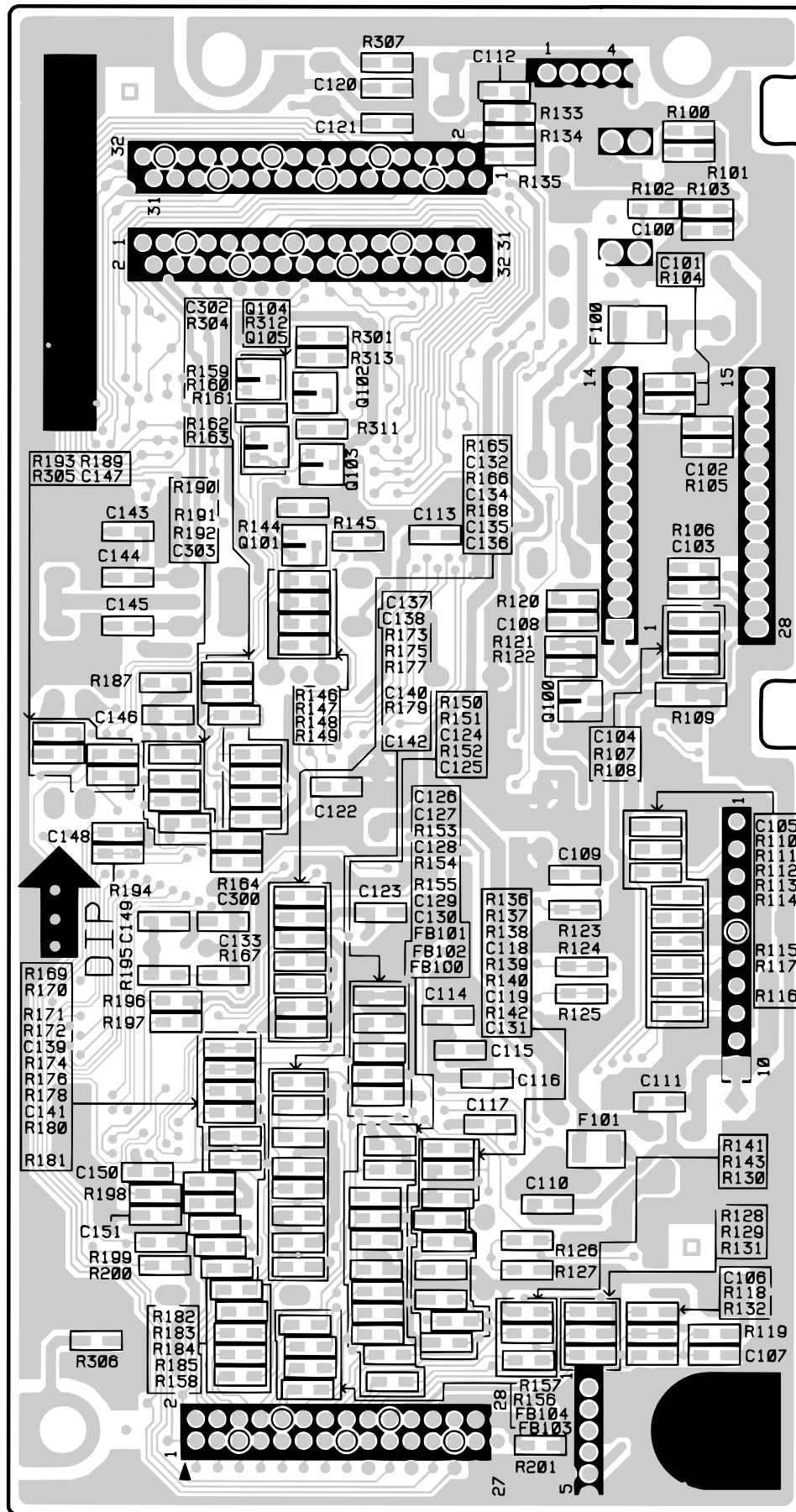


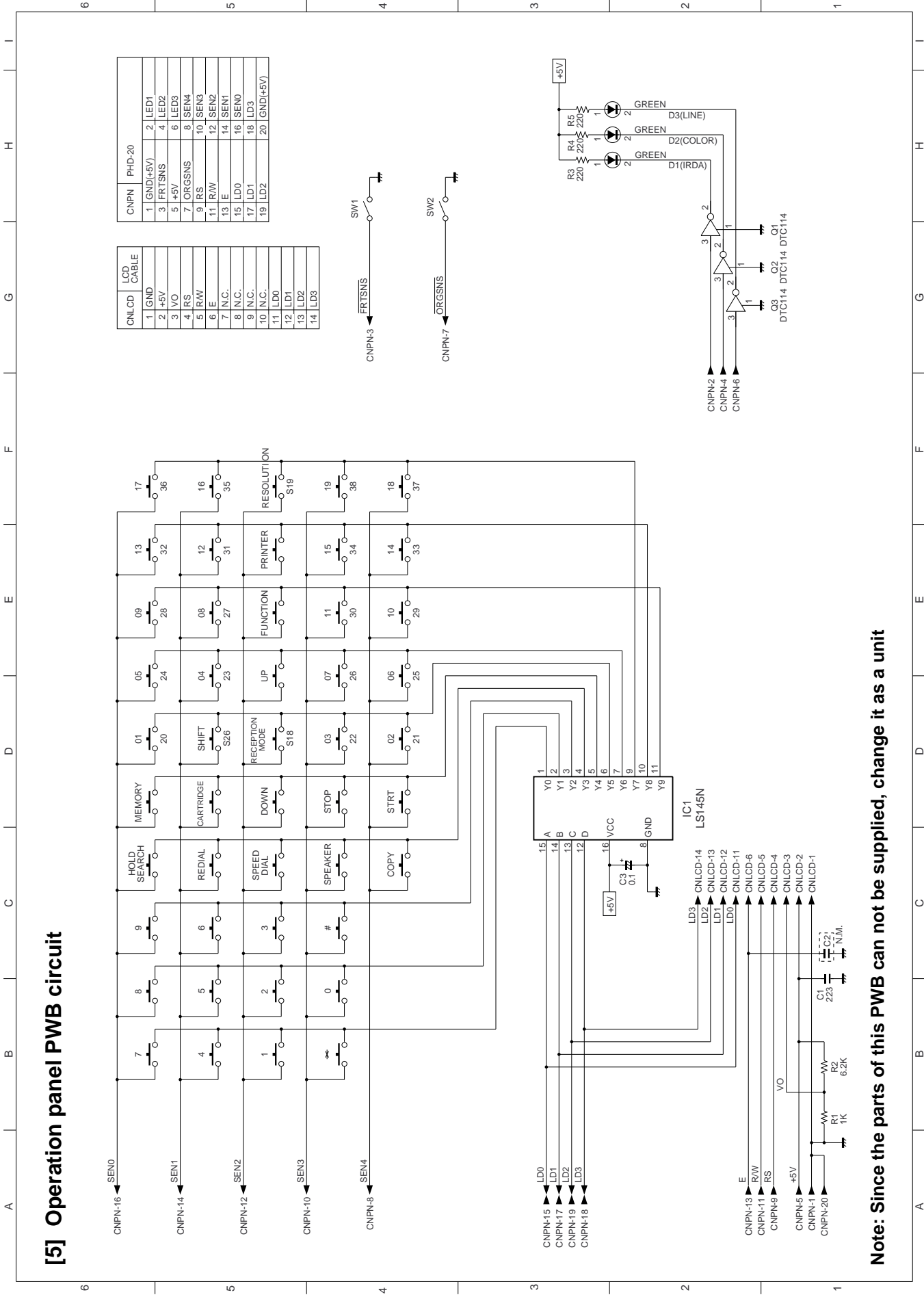


### Printer PWB parts layout (Top side)



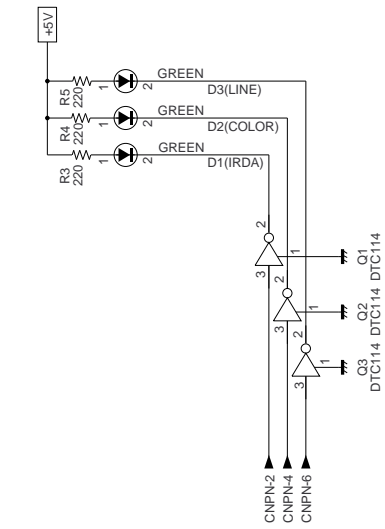
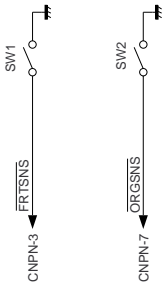
### Printer PWB parts layout (Bottom side)





CNPN	PHD-20
1	GND(+5V)
2	LED1
3	FRTSNS
4	LED2
5	+5V
6	LED3
7	ORGSNS
8	SEN4
9	RS
10	ISEN3
11	R/W
12	SEN2
13	E
14	SEN1
15	LD0
16	SEN0
17	LD1
18	LD3
19	LD2
20	GND(+5V)

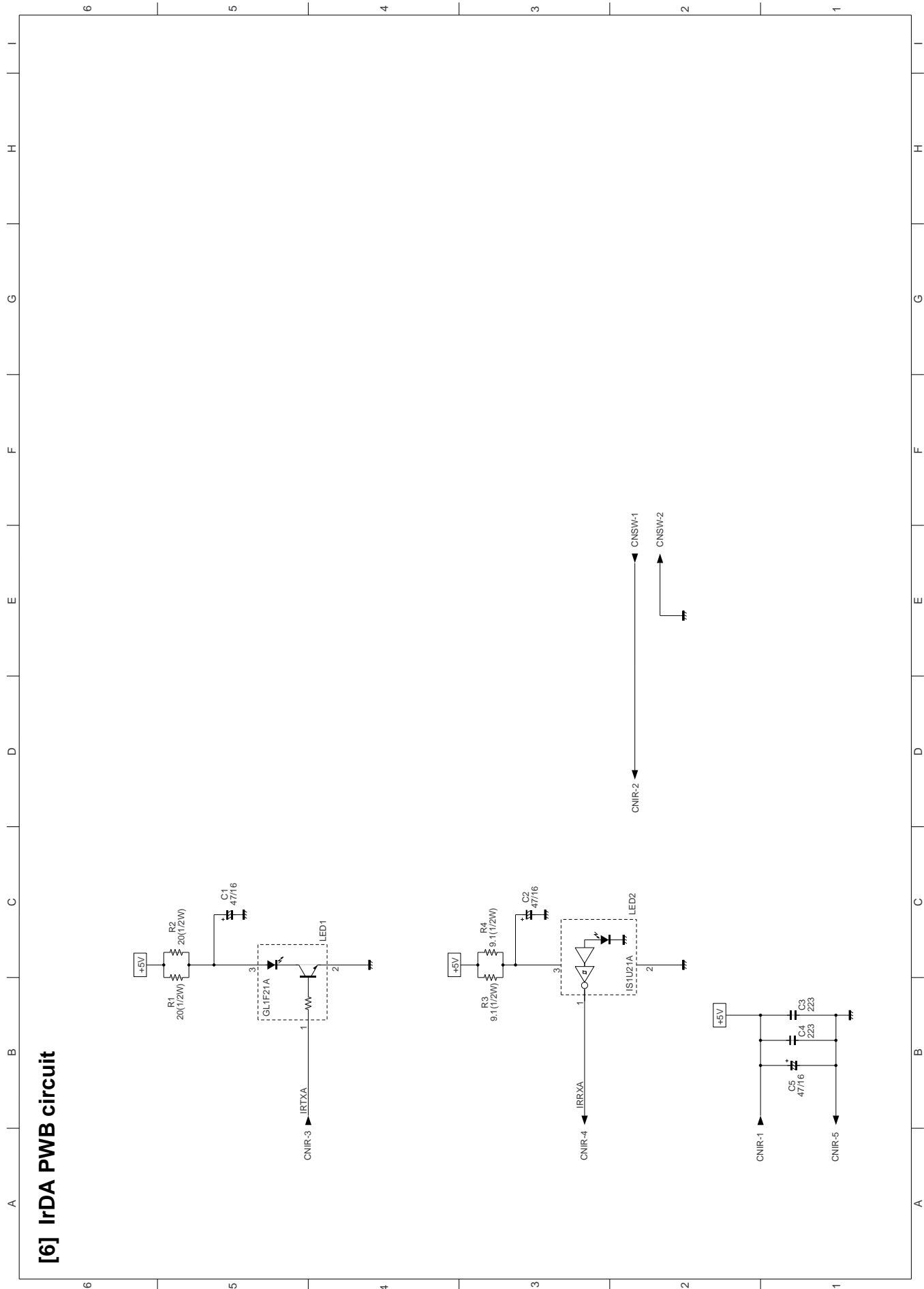
CNLCD	LCD CABLE
1	GND
2	+5V
3	VO
4	RS
5	R/W
6	E
7	N.C.
8	N.C.
9	N.C.
10	N.C.
11	LD0
12	LD1
13	LD2
14	LD3



[5] Operation panel PWB circuit

**Note: Since the parts of this PWB can not be supplied, change it as a unit**

**[6] IrDA PWB circuit**



IrDA PWB parts layout

