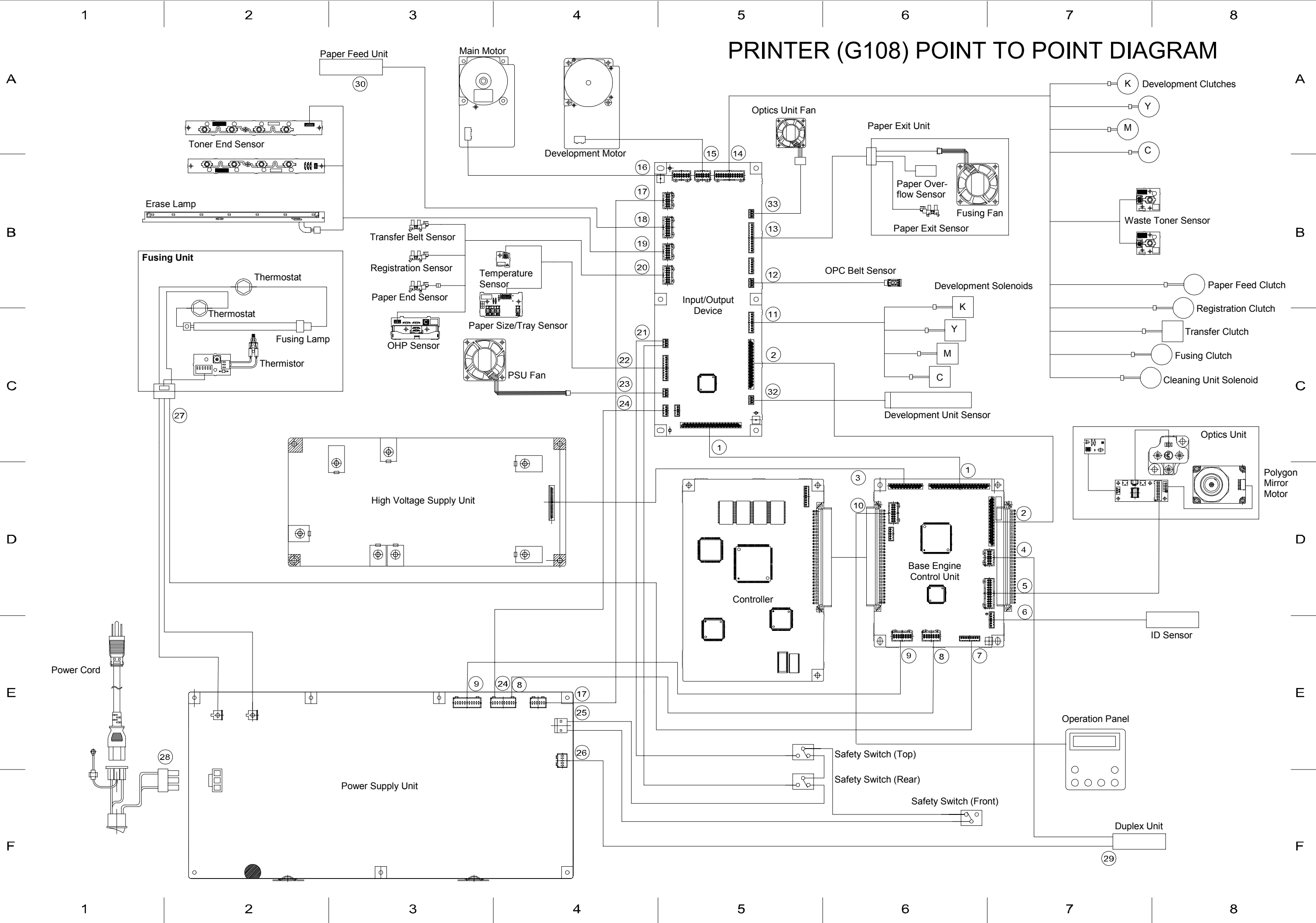


PRINTER (G108) POINT TO POINT DIAGRAM



①

Pin No.	Signal Name	DCN1 Pin No.
39	SGND	1
38	+5V-S	2
37	I1RDWR	3
36	I1DATA	4
35	I1CK	5
34	I1LOAD	6
33	I1SCDO	7
32	I2C-CLK	8
31	I2C-DATA	9
30	DSL(K)ON-P	10
29	DSL(C)ON-P/FDCLL2ON-P	11
28	DSL(M)ON-P/FDCLL1ON-P	12
27	DSL(Y)ON-P/FDCLL2ON-P	13
26	TH3	14
25	IDATA	15
24	ILOAD	16
23	ISCK	17
22	SGND	18
21	LEDON-N	19
20	HTFANON-P	20
19	CTFANON-P	21
18	TBEN-N	22
17	PBSEN-N	23
16	ELON-P	24
15	PKCLL1ON-P	25
14	IOD1VOFF-P (+5V-SOFF-P)	26
13	OILLES-P	27
12	PWMSEND	28
11	BANKSEL	29
10	I/ODATA0	30
9	I/ODATA1	31
8	I/ODATA2	32
7	I/ODATA3	33
6	I/ODATA4	34
5	I/ODATA5	35
4	I/OAD0	36
3	I/OAD1	37
2	I/OAD2	38
1	SGND	39

②

Pin No.	Signal Name	DCN3 Pin No.
31	SGND	1
30	COLSEL1	2
29	COLSEL2	3
28	DCL(C)ON-P	4
27	DCL(M)ON-P	5
26	DCL(Y)ON-P	6
25	DCL(K)ON-P	7
24	PSL(KY)ON-P	8
23	PSL(MC)ON-P	9
22	SGND	10
21	MMCLK	11
20	MMON-N	12
19	MMREV-N	13
18	MMENC	14
17	MMGAIN	15
16	GARESET-N	16
15	RECLON-P	17
14	FBCLON-P	18
13	FBSLON-P	19
12	TRSLON-P	20
11	HTFANON-P/* OZFANON-P	21
10	FUCLON-P	22
9	PKCLU1ON-P	23
8	SGND	24
7	DMCLK	25
6	DMRDY-N	26
5	DMON-N	27
4	DMGAIN	28
3	TALWDDA	29
2	SEPASLON-P	30
1	SGND	31

③

Pin No.	Signal Name	CN1 Pin No.
21	PGND	1
20	PGND	2
19	PGND	3
18	+24V-1D	4
17	+24V-1D	5
16	+24V-1D	6
15	BRVON-N	7
14	CLVP-N	8
13	PWMON-N	9
12	BRVPWM-N	10
11	BRVERR	11
10	CBVPWM-N	12
9	THVRON-N	13
8	DBV(MC)PWM-N	14
7	THVPWM-N	15
6	DBV(KY)PWM-N	16
5	THV-I	17
4	FCBVPWM-N	18
3	BRVERR2	19
2	PGND	20
1	HVUCNCHK-N	21

④

Pin No.	Signal Name	Pin No.	Signal Name
1	D-COMMAND	2	DPCN-RET
3	DUMBUSY2-N	4	SGND
5	D-STATUS	6	SGND
7	DUPMON-P/D_SLK(+24VOFF-P)	8	SGND
9	DUREON-P/*DUPRES-N	10	DUPCHK-N
11	DPCN-CHK	12	SLEEP-P

⑤

Pin No.	Signal Name	Pin No.	Signal Name
1	+5V-1R	2	LCONT1
3	LREADY	4	LCONT2
5	SGND	6	LDREF4
7	VIDEO-N	8	LDREF3
9	VIDEO-P	10	LDREF2
11	SGND	12	LDREF1
13	BDT-P	14	LDREF0
15	BDT-N	16	+5V-1
17	SGND	18	SGND
19	SCMRDY-N	20	SCMCLK
21	PGND	22	SCMON-N
23	+24V-1	24	+3.3V

⑥

Pin No.	Signal Name
1	+5V-1
2	LED
3	SGND
4	Vo2:K
5	Vo1:YMC
6	NC

⑦

Pin No.	Signal Name
1	TH1
2	TH1
3	TH2
4	TH2
5	FUTEMP
6	SGND
7	TH4
8	TH5

⑧

Pin No.	Signal Name	Pin No.	Signal Name
1	TESYO1	2	TESTO2
3	TESTI1	4	TESTI2
5	+5VDO-N	6	+5V-1R
7	BRON-N	8	DCOFF1-P
9	ACOFF-P	10	HRON-N
11	ACSYNC-N	12	SWRUS-P
13	PGND	14	+24
15	PGND	16	+24
17	SGND	18	CN-CHK
19	SGND	20	SGND

⑨

Pin No.	Signal Name	Pin No.	Signal Name
1	SGND(CNT)	2	+5V-2(CNT)
3	SGND(CNT)	4	+5V-2(CNT)
5	SGND(CNT)	6	+5V-2(CNT)
7	SGND(CNT)	8	+5V-2(CNT) or 3.3v-2
9	SGND(CNT)	10	+5V-2(CNT) or 3.3v-2
11	SGND(CNT)	12	+5V-2(CNT) or 3.3v-2
13	SGND(MCTL)	14	+5V-1(MCTL)
15	SGND(MCTL)	16	+5V-1(MCTL)
17	PGND	18	+24V-1D
19	PGND	20	+24V-1D
21	PGND	22	+24V-1D

⑩-1

Pin No.	Signal Name	Pin No.	Signal Name
1	PAI/ODATA0	2	PAI/ODATA1
3	PAI/ODATA2	4	PAI/ODATA3
5	PAI/ODATA4	6	PAI/ODATA5
7	PAI/ODATA6	8	PAI/ODATA7
9	LCDRS	10	LCDE
11	PASWRDN	12	PALEDWRN
13	SGND	14	+5V-1
15	SGND	16	SGND

⑩-2

Pin No.	Signal Name	Panel Side
1	SGND	11
2	VCC(+5V-1)	10
3	VCC(+5V-1)	9
4	RESET	8
5	SGND	7
6	THROTTLE	6
7	SGND	5
8	FP_STS	4
9	SGND	3
10	FP_CMD	2
11	SGND	1

⑪

Pin No.	Signal Name
1	DSL(K)ON-N
2	+24V-1
3	DSL(Y)ON-N
4	+24V-1
5	DSL(M)ON-N
6	+24V-1
7	DSL(C)ON-N
8	+24V-1

⑫

Pin No.	Signal Name
1	PBSEN-N
2	+5V-S
3	SGND

⑬

Pin No.	Signal Name
1	+5V-S
2	PT2-N
3	SGND
4	NC/+5V-S
5	NC/CLROL-N
6	NC/SGND
7	+5V-1
8	PEFULL-N
9	SGND
10	HTFANON-P
11	PGND
12	HTFANERR

⑭

Pin No.	Signal Name	Pin No.	Signal Name
1	NC	2	NC
3	+24V-1D	4	FBCLON-N
5	+24V-1D	6	FUCLON-N
7	+24V-1D	8	TRSLON-N
9	+24V-1D	10	RECLON-N
11	+24V-1D	12	PKCLU1ON-N
13	TBFULL-N	14	SGND
15	WTLEDON	16	SGND
17	+24V-1D	18	DCL(C)ON-N
19	+24V-1D	20	DCL(M)ON-N
21	+24V-1D	22	DCL(Y)ON-N
23	+24V-1D	24	DCL(K)ON-N

⑮

Pin No.	Signal Name	Pin No.	Signal Name
1	DMRDY-N	2	DMON-N
3	DMCLK	4	+24V-1D
5	PGND	6	+24V-1D
7	PGND	8	PGND
9	SGND	10	+5V-1
11	DMGAIN	12	DMOVL D

⑯

Pin No.	Signal Name	Pin No.	Signal Name
1	MMRDY-N	2	MMON-N
3	MMCLK	4	+24-1D
5	PGND	6	+24-1D
7	PGND	8	PGND
9	SGND	10	+5V-1
11	MMENC	12	MMREV-N
13	MMGAIN	14	MMOVL D

⑰

Pin No.	Signal Name	Pin No.	Signal Name
1	PGND	2	+24V-1D
3	PGND	4	+24V-1D
5	PGND	6	+24V-1D
7	PGND	8	+24V-1D
9	SGND	10	+5V-1
11	SGND	12	+5V-1

⑱

Pin No.	Signal Name	Pin No.	Signal Name
1	LFCN-RET	2	+24V-1D
3	PKCLL1ON-N	4	NC/FDCLL1ON-N
5	PSL1	6	PSL2
7	PSL3	8	PSCST1
9	PEL1-P	10	OCST1-N
11	SGND	12	I2C-CLK
13	+5V-S	14	I2C-DATA
15	+5V-1	16	LFCN-CHK-N

⑰⑨

Pin No.	Signal Name	Pin No.	Signal Name
1	TLES(K)-P	2	TLES(Y)-P
3	TLES(M)-P	4	TLES(C)-P
5	TLESCN-N	6	SGND
7	LEDON-P	8	LEDON2-P
9	TLESCHK	10	SGND
11	+24V-1D	12	ELON-N

⑰⑩

Pin No.	Signal Name	Pin No.	Signal Name
1	+5V-S	2	TBEN-N
3	SGND	4	+5V-S
5	PT1- N	6	SGND
7	+5V-S	8	PEU-P
9	SGND	10	+5V-S
11	OHPSENU	12	SGND
13	SGND	14	NC

⑰⑪

Pin No.	Signal Name
1	REARDOPEN-P
2	N_C
3	TOPDOPEN-P

⑰⑫

Pin No.	Signal Name
1	+5V-1
2	PSU1
3	PSU2
4	PSU3
5	PSU4
6	PSU5
7	SGND
8	+5V-S
9	SGND
10	TH3

⑰⑬

Pin No.	Signal Name
1	CTFANON-P
2	PGND
3	CTFANERR

⑰⑭

Pin No.	Signal Name
1	TESTO1
2	TESTO2
3	TESTI1
4	TESTI2

⑰⑮

Pin No.	Signal Name
1	DSW-O:F
2	DSW-I :R

⑰⑯

Pin No.	Signal Name	Pin No.	Signal Name
1	+5V-1	2	CNCHK-RET
3	+5V-1	4	SGND
5	+24V-2	6	SGND
7	+24V-2	8	PGND
9	CN-CHK	10	PGND

⑰⑰ 120V

Pin No.	Signal Name
1	FG
2	P
3	—
4	P2

⑰⑰ 240V

Pin No.	Signal Name
1	FG
2	P
3	P2
4	—

⑰⑱

Pin No.	Signal Name
1	AC IN-N
—	—
3	AC IN-L

⑰⑲

Pin No.	Signal Name	Pin No.	Signal Name
1	D-COMMAND	2	DUMBUSY2-N
3	SGND	4	D-STATUS
5	SGND	6	DUPMON-P
7	SGND	8	DUREON-P
9	DUPCHK-N	10	SLEEP
11	+5V-1	12	+5V-1
13	SGND	14	SGND
15	NC	16	NC
1	+24V-2	2G	PGND
3	+24V-2	4G	PGND

⑰⑳

Pin No.	Signal Name	Pin No.	Signal Name
1	+24V-1	2	PKCLL1ON-N
3	PSL1	4	PSL2
5	PSL3	6	PSCST1
7	PEL1-P	8	OCST1-N
9	I2C-DATA	10	I2C-CLK
11	+5V-1	12	SGND
13	+5V-S		

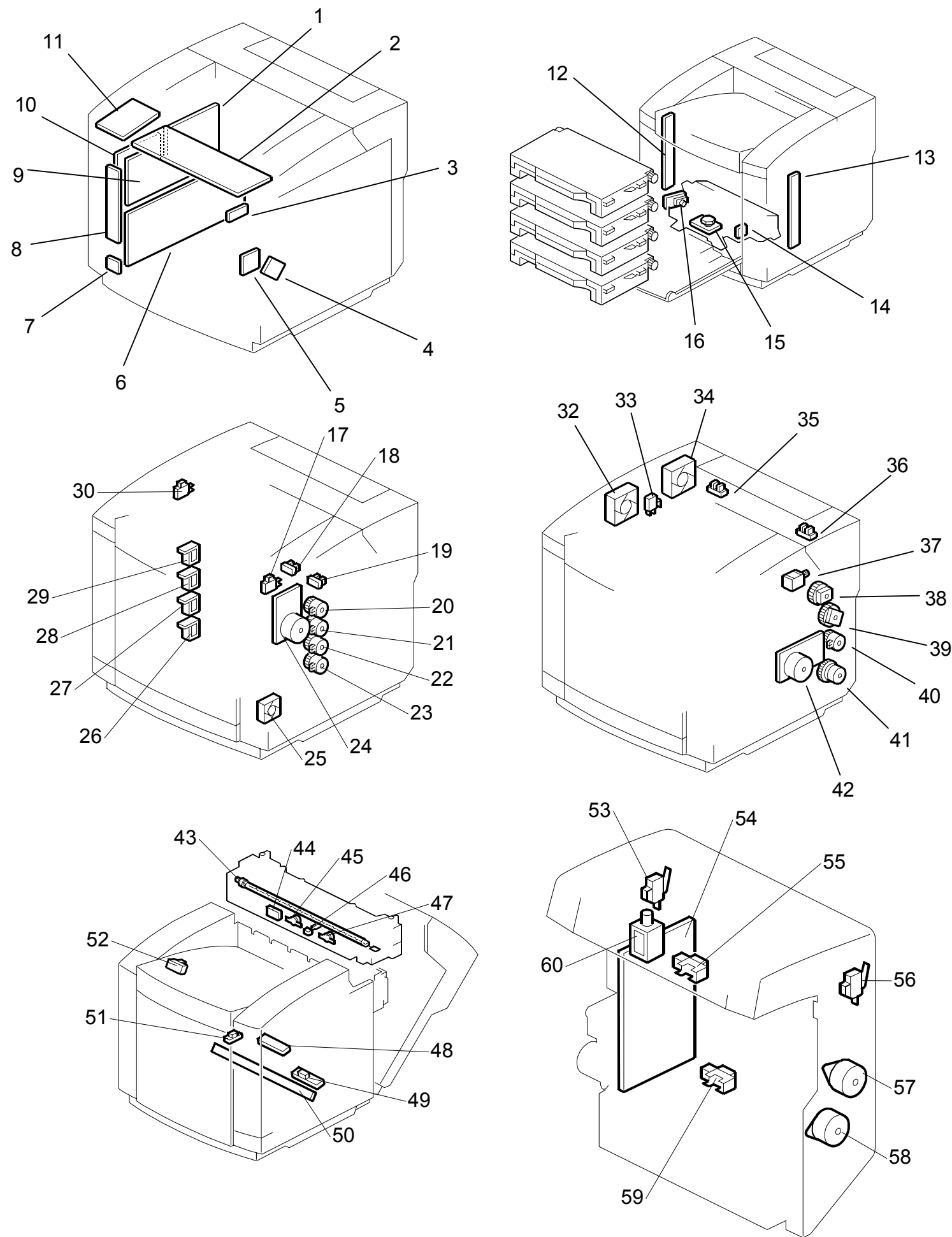
⑰㉑

Pin No.	Signal Name
1	TONEROK-N
2	+5V-S
3	SGND

⑰㉒

Pin No.	Signal Name
1	LDFANON-P
2	PGND
3	LDFANERR

ELECTRICAL COMPONENT LAYOUT (G108)



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