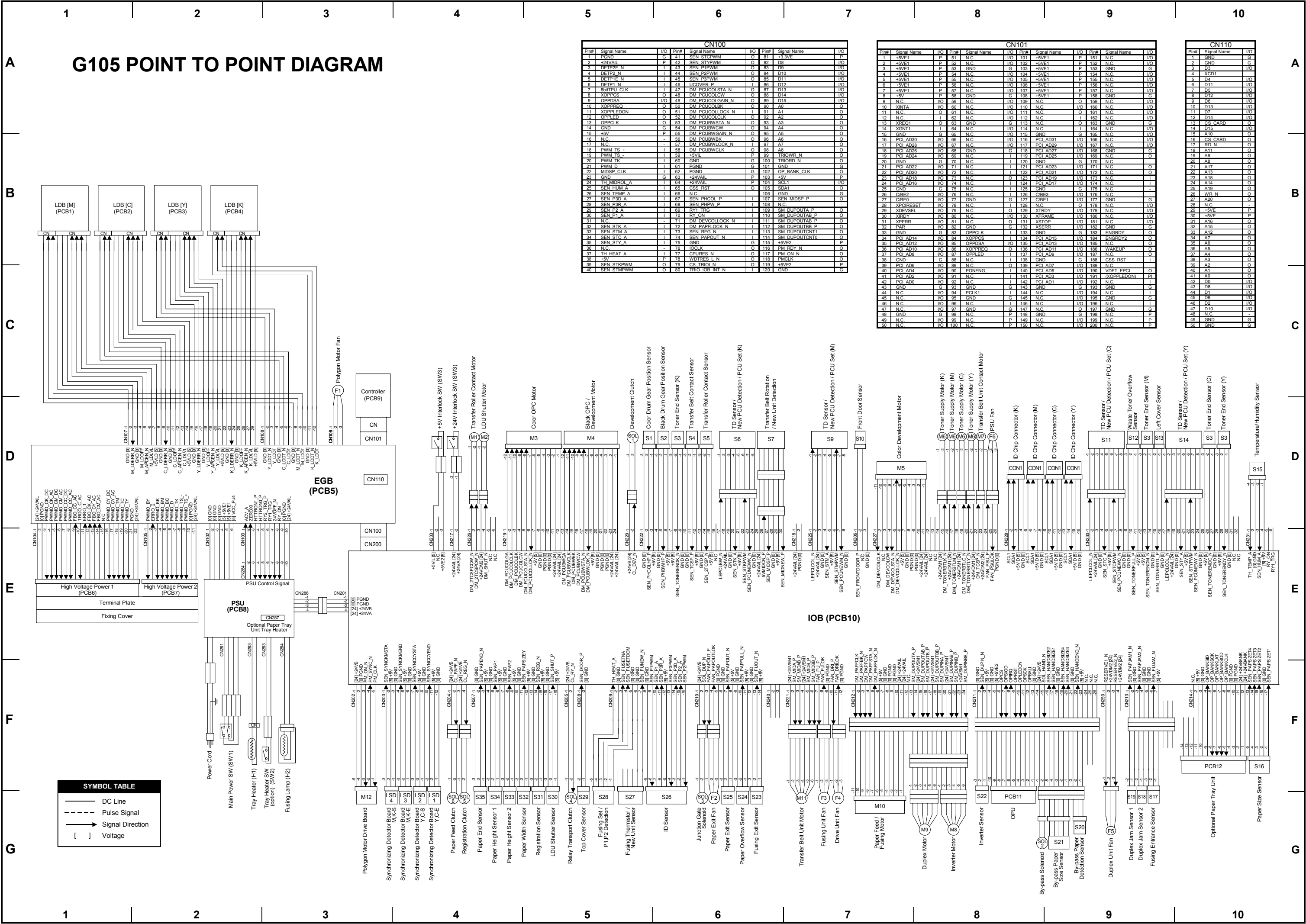


G105 POINT TO POINT DIAGRAM



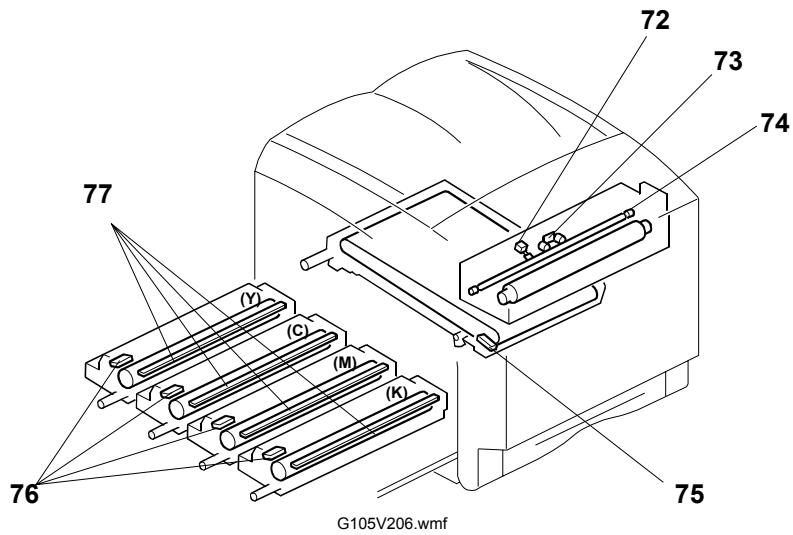
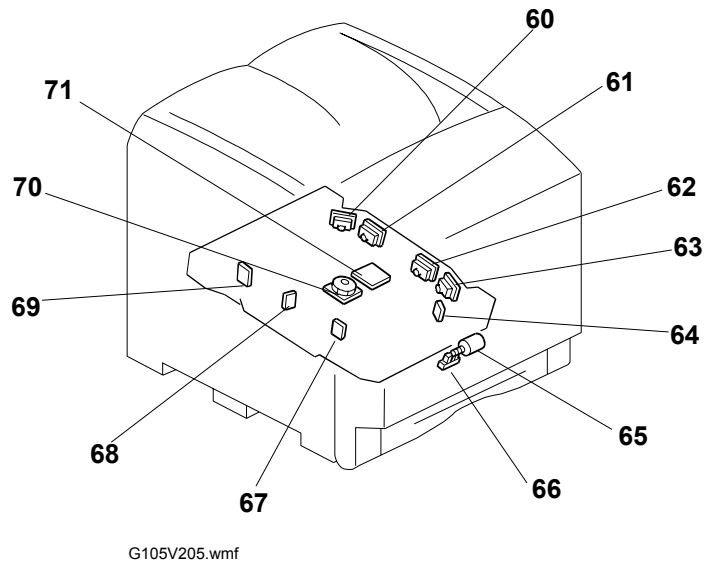
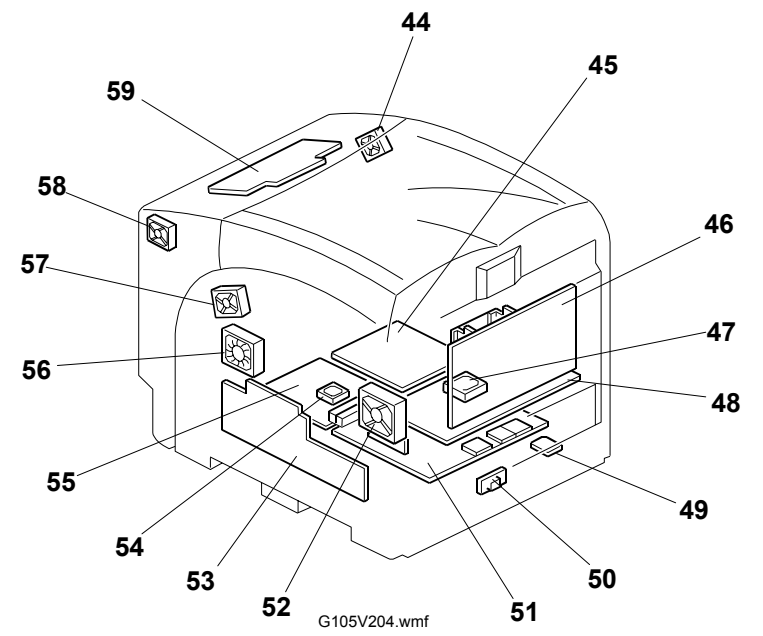
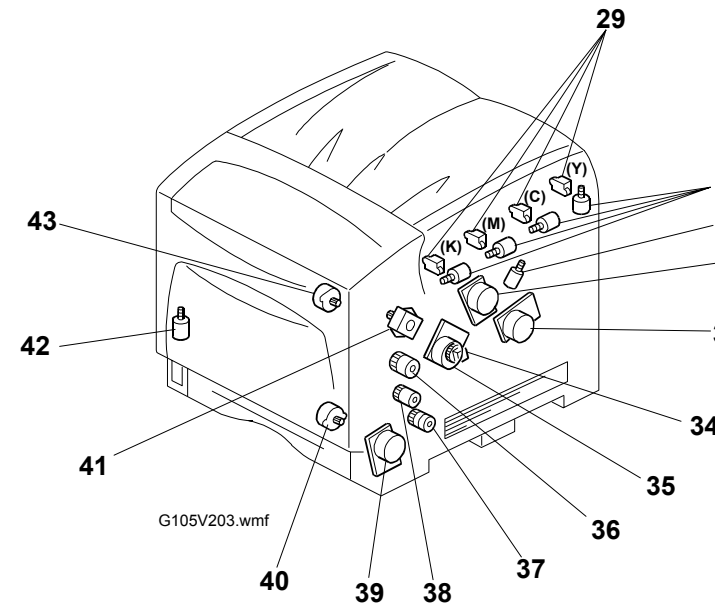
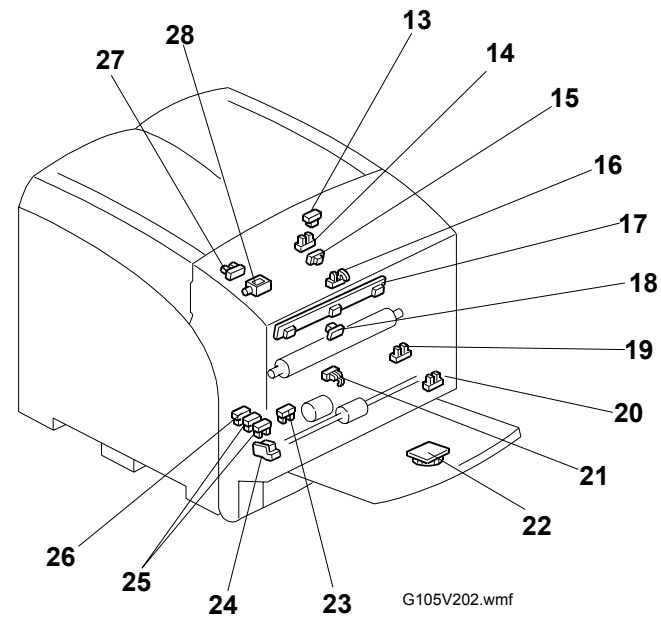
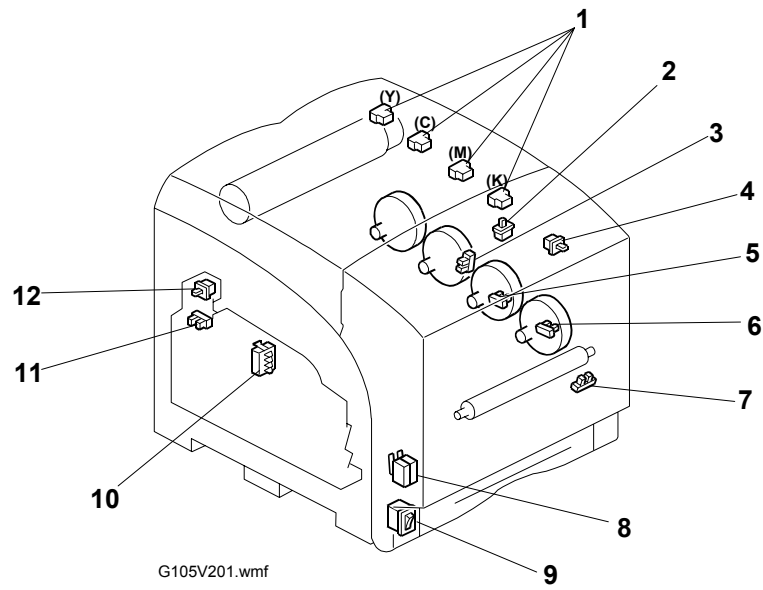
SYMBOL TABLE	
—	DC Line
- - -	Pulse Signal
→	Signal Direction
[]	Voltage

CN100					
Pin#	Signal Name	I/O	Pin#	Signal Name	I/O
1	PGND	G	41	SEN_STOPWLM	O
2	+24VAIL	P	42	SEN_STYPWM	O
3	DETP2_N	I	43	SEN_PTPWM	O
4	DETP2_N	I	44	SEN_PTPWM	O
5	DETP1_N	I	45	SEN_PTPWM	O
6	DETP1_N	I	46	UCOVER_P	I
7	SBHTPU_CLK	I	47	DM_PCUOLCLSTA_N	O
8	XOPPCS	O	48	DM_PCUOLCLW	O
9	OPPSA	I/O	49	DM_PCUOLCLGAN_N	O
10	XOPPREQ	O	50	DM_PCUOLCLBK	O
11	XOPPLEDON	O	51	DM_PCUOLCLCK_N	I
12	OPPLED	O	52	DM_PCUOLCLCK	O
13	OPPLCK	O	53	DM_PCUOLCLSTA_N	O
14	GND	G	54	DM_PCUOLCLW	O
15	+5V	P	55	DM_PCUOLCLGAN_N	O
16	N.C.	-	56	DM_PCUOLCLBK	O
17	N.C.	-	57	DM_PCUOLCLCK_N	I
18	PWM TS +	I	58	DM_PCUOLCLCK	O
19	PWM TS -	I	59	+5VIL	P
20	PWM TK	I	60	GND	G
21	PWM D	I	61	PGND	G
22	MIDSP_CLK	I	62	PGND	G
23	GND	G	63	+24VAIL	P
24	HT_MIDROL_A	I	64	+24VAIL	P
25	SEN_HUM_A	I	65	CSS_RST	O
26	SEN_TEMP_A	I	66	N.C.	-
27	SEN_P3D_A	I	67	SEN_PHCLP_P	I
28	SEN_P3R_A	I	68	N.C.	-
29	SEN_P2_A	I	69	RY1_TRG	I
30	SEN_P1_A	I	70	RY_ON	I
31	N.C.	-	71	DM_DEVOLCLCK_N	I
32	SEN_STK_A	I	72	DM_PAPPOUT_P	O
33	SEN_STM_A	I	73	SEN_REG_N	I
34	SEN_STC_A	I	74	SEN_PAPOUT_N	I
35	SEN_STY_A	I	75	GND	G
36	N.C.	-	76	COCLK	O
37	TH_HEAT_A	I	77	CPURES_N	O
38	+5V	P	78	WDTRSE_L_N	O
39	SEN_STKPWM	O	79	CS_TRIOI_N	O
40	SEN_STMPWM	O	80	TRIOI_IN_N	I

CN101					
Pin#	Signal Name	I/O	Pin#	Signal Name	I/O
1	+5VE1	P	51	N.C.	-
2	+5VE1	P	52	N.C.	-
3	+5VE1	P	53	GND	G
4	+5VE1	P	54	N.C.	-
5	+5VE1	P	55	N.C.	-
6	+5VE1	P	56	N.C.	-
7	+5VE1	P	57	N.C.	-
8	+5V	P	58	GND	G
9	N.C.	-	59	N.C.	-
10	XINTA	I/O	60	N.C.	-
11	N.C.	-	61	N.C.	-
12	N.C.	-	62	N.C.	-
13	XREQ1	O	63	GND	G
14	XGNT1	I	64	N.C.	-
15	GND	G	65	N.C.	-
16	PCI_AD30	I/O	66	N.C.	-
17	PCI_AD28	I/O	67	N.C.	-
18	PCI_AD26	I/O	68	GND	G
19	PCI_AD24	I/O	69	N.C.	-
20	GND	G	70	N.C.	-
21	PCI_AD22	I/O	71	N.C.	-
22	PCI_AD20	I/O	72	N.C.	-
23	PCI_AD18	I/O	73	N.C.	-
24	PCI_AD16	I/O	74	N.C.	-
25	GND	G	75	N.C.	-
26	CBE2	I/O	76	N.C.	-
27	CBE0	I/O	77	GND	G
28	XPCRESET	I/O	78	N.C.	-
29	XNSEL	I/O	79	N.C.	-
30	XIRDY	I/O	80	N.C.	-
31	XPERR	I/O	81	N.C.	-
32	PAR	I/O	82	GND	G
33	GND	G	83	OPPLCK	O
34	PCI_AD14	I/O	84	XOPPCS	O
35	PCI_AD12	I/O	85	OPPSA	O
36	PCI_AD10	I/O	86	XOPPREQ	O
37	PCI_AD8	I/O	87	OPPLED	O
38	GND	G	88	N.C.	-
39	PCI_AD6	I/O	89	N.C.	-
40	PCI_AD4	I/O	90	PCENANG	O
41	PCI_AD2	I/O	91	N.C.	-
42	PCI_AD0	I/O	92	N.C.	-
43	GND	G	93	GND	G
44	N.C.	-	94	N.C.	-
45	N.C.	-	95	N.C.	-
46	N.C.	-	96	N.C.	-
47	N.C.	-	97	GND	G
48	N.C.	-	98	N.C.	-
49	N.C.	-	99	N.C.	-
50	N.C.	-	100	N.C.	-

CN110		
Pin#	Signal Name	I/O
1	CSRD	O
2	GND	G
3	D3	I/O
4	XCD1	I/O
5	+5VE1	P
6	D11	I/O
7	D5	I/O
8	D12	I/O
9	D6	I/O
10	D13	I/O
11	D7	I/O
12	D14	I/O
13	CS_CARD	O
14	D15	I/O
15	A10	O
16	CS_CARD	O
17	RD_N	O
18	A11	O
19	A9	O
20	A8	O
21	A17	O
22	A13	O
23	A18	O
24	A14	O
25	A19	O
26	WR_N	O
27	A20	O
28	N.C.	-
29	+5VE	P
30	+5VE	P
31	A16	O
32	A5	O
33	A12	O
34	A7	O
35	A6	O
36	A5	O
37	A4	O
38	A3	O
39	A2	O
40	A1	O
41	A0	O
42	D0	I/O
43	D8	I/O
44	A11	O
45	D9	I/O
46	D2	I/O
47	D10	I/O
48	D1	I/O
49	GND	G
50	GND	G

G105 ELECTRICAL COMPONENT LAYOUT



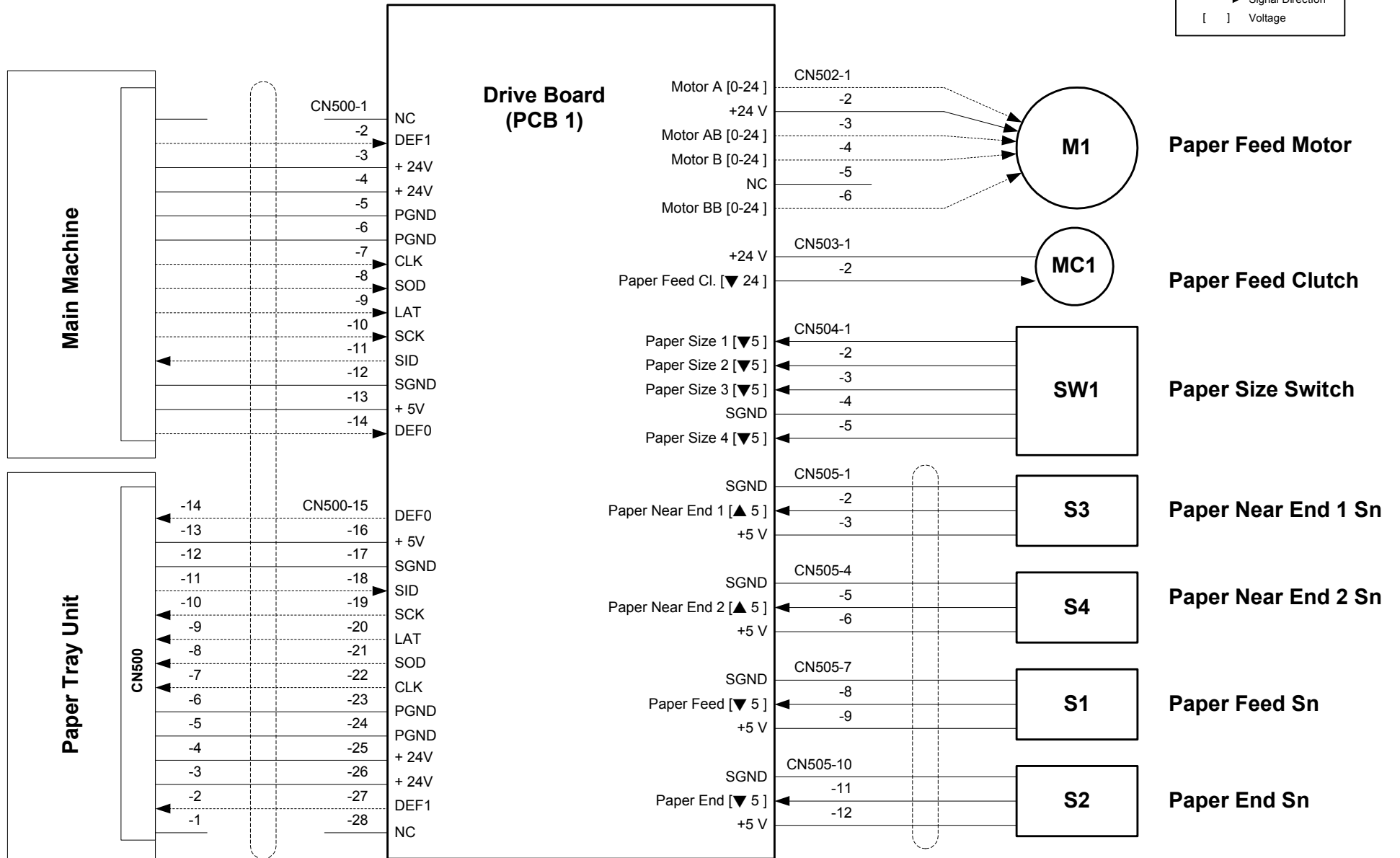
Symbol	Index No.	Description	P to P
Motors			
M1	42	Transfer Roller Contact Motor	D4
M2	65	LDU Shutter Motor	D4
M3	32	Color OPC Motor	D5
M4	35	Black OPC / Development Motor	D5
M5	33	Color Development Motor	D7
M6	30	Toner Supply Motor	D8
M7	31	Transfer Belt Unit Contact Motor	D8
M8	43	Inverter Motor	G8
M9	40	Duplex Motor	G8
M10	39	Paper Feed / Fusing Motor	G7
M11	41	Transfer Belt Unit Motor	G7
M12	70	Polygon Motor	G3
	71	Polygon Motor Drive Board	G3
Fans			
F1	54	Polygon Motor Fan	C3
F2	44	Paper Exit Fan	G6
F3	57	Fusing Unit Fan	G7
F4	56	Drive Unit Fan	G7
F5	58	Duplex Unit Fan	G9
F6	52	PSU Fan	D8
-	47	PSU Inner Fan	-
Sensors			
S1	5	Color Drum Gear Position Sensor	D5
S2	6	Black Drum Gear Position Sensor	D6
S3	29	Toner End Sensor (Y)	D10
S3	29	Toner End Sensor (C)	D10
S3	29	Toner End Sensor (K)	D6
S3	29	Toner End Sensor (M)	D9
S4	3	Transfer Belt Contact Sensor	D6
S5	7	Transfer Roller Contact Sensor	D6
S6	76	TD Sensor / New PCU Detection / PCU Set (K)	D6
S7	75	Transfer Belt Rotation / New Unit Detection	D6

Symbol	Index No.	Description	P to P
S9	76	TD Sensor / New PCU Detection / PCU Set (M)	D7
S10	4	Front Door Sensor	D7
S11	76	TD Sensor / New PCU Detection / PCU Set (C)	D9
S12	11	Waste Toner Overflow Sensor	D9
S13	12	Left Cover Sensor	D9
S14	76	TD Sensor / New PCU Detection / PCU Set (Y)	D10
S15	50	Temperature/Humidity Sensor	D10
S16	10	Paper Size Sensor	F10
S17	18	Fusing Entrance Sensor	G9
S18	21	Duplex Jam Sensor 2	G9
S19	16	Duplex Jam Sensor 1	G9
S20	20	By-pass Paper Detection Sensor	G9
S21	22	By-pass Paper Size Sensor	G9
S22	13	Inverter Sensor	G8
S23	15	Fusing Exit Sensor	G6
S24	27	Paper Overflow Sensor	G6
S25	14	Paper Exit Sensor	G6
S26	17	ID Sensor	G6
S27	72	Fusing Thermistor / New Unit Sensor	G5
S29	2	Top Cover Sensor	G5
S30	66	LDU Shutter Sensor	G5
S31	19	Registration Sensor	G5
S32	26	Paper Width Sensor	G4
S33	25	Paper Height Sensor 2	G4
S34	25	Paper Height Sensor 1	G4
S35	23	Paper End Sensor	G4
Switches			
SW1	9	Main Power SW	F2
SW3	8	Interlock SW	D4

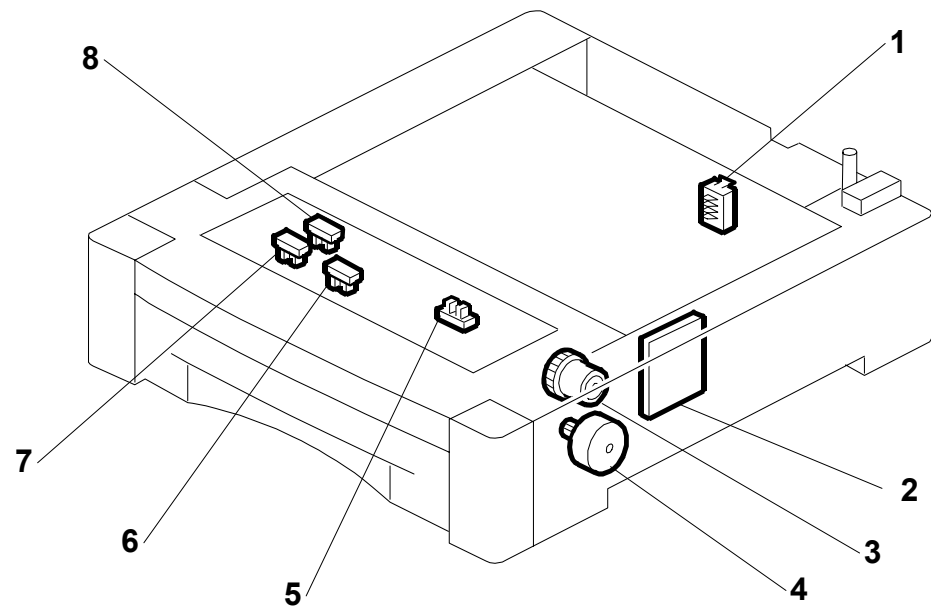
Symbol	Index No.	Description	P to P
Solenoids			
SOL1	34	Development Clutch	D5
SOL2	24	By-pass Solenoid	G8
SOL3	28	Junction Gate Solenoid	G6
SOL4	38	Relay Transport Clutch	G5
SOL5	36	Registration Clutch	G4
SOL6	37	Paper Feed Clutch	G4
PCBs			
PCB1	62	LDB [M]	B1
PCB2	61	LDB [C]	B1
PCB3	60	LDB [Y]	B2
PCB4	63	LDB [K]	B2
PCB5	55	EGB	D3
PCB6	48	High Voltage Power 1	E1
PCB7	45	High Voltage Power 2	E2
PCB8	46	PSU	E2
PCB9	51	Controller	C3
PCB10	53	IOB	E7
PCB11	59	OPU	G8
Others			
LSD1	68	Synchronizing Detector Board Y,C-E	G4
LSD2	69	Synchronizing Detector Board Y,C-S	G4
LSD3	67	Synchronizing Detector Board M,K-E	G4
LSD4	64	Synchronizing Detector Board M,K-S	G3
CON1	1	ID Chip Connector	D8,D9
H2	74	Fusing Lamp	G3
SD1	49	SD Card	-
TS	73	Thermostat	-
QL	77	Quenching Lamp	-

PAPER TRAY UNIT (G392) Point to Point Diagram

SYMBOL TABLE	
	DC Line
	Pulse Signal
	Signal Direction
	Voltage



PAPER TRAY UNIT (G392) ELECTRICAL COMPONENT LAYOUT



G392D101.WMF

Symbol	Index No.	Description	P to P
Motor			
M1	4	Paper Feed	B6
Sensors			
S1	6	Paper End	D6
S2	5	Paper Feed	E6
S3	7	Paper Near End 1	D6
S4	8	Paper Near End 2	D6
Switch			
SW1	1	Paper Size	C6
Magnetic Clutch			
MC1	3	Paper Feed	B6
PCB			
PCB1	2	Drive	B3