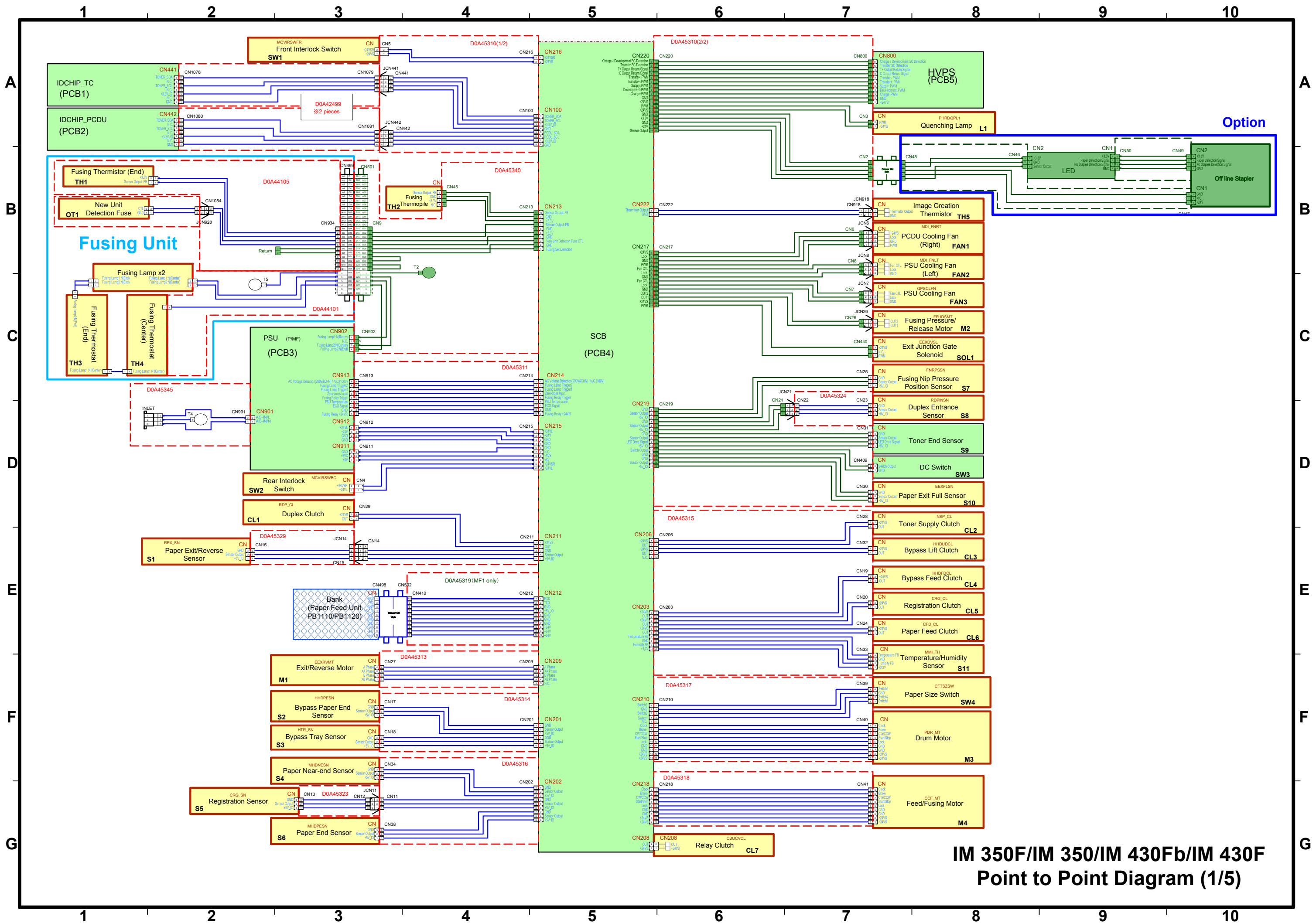




Scanner Unit

LEDB
(PCB6)

SBU
(PCB7)

SCB
(PCB4)

MFTB
(PCB9)

URRB
(PCB10)

DFRB
(PCB11)

SPDF Registration
Sensor S16

SPDF Feed
Sensor S17

Original Set
Sensor S14

Feed Cover
Sensor S15

SPDF Feed
Clutch CL8

SPDF Drive
Motor M6

Scanner HP
Sensor S12

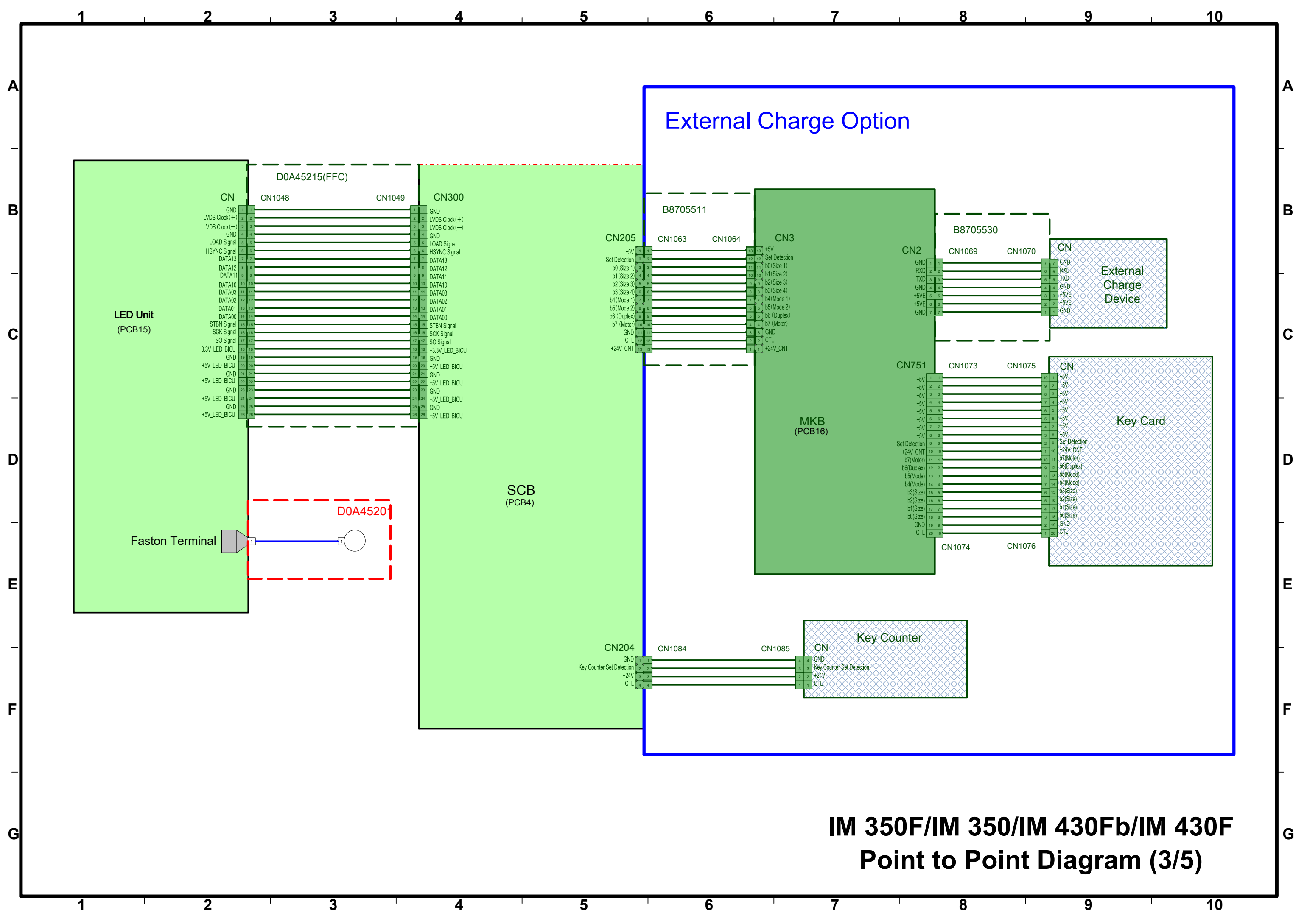
Platen Cover
Sensor S13

Scanner Motor
M5

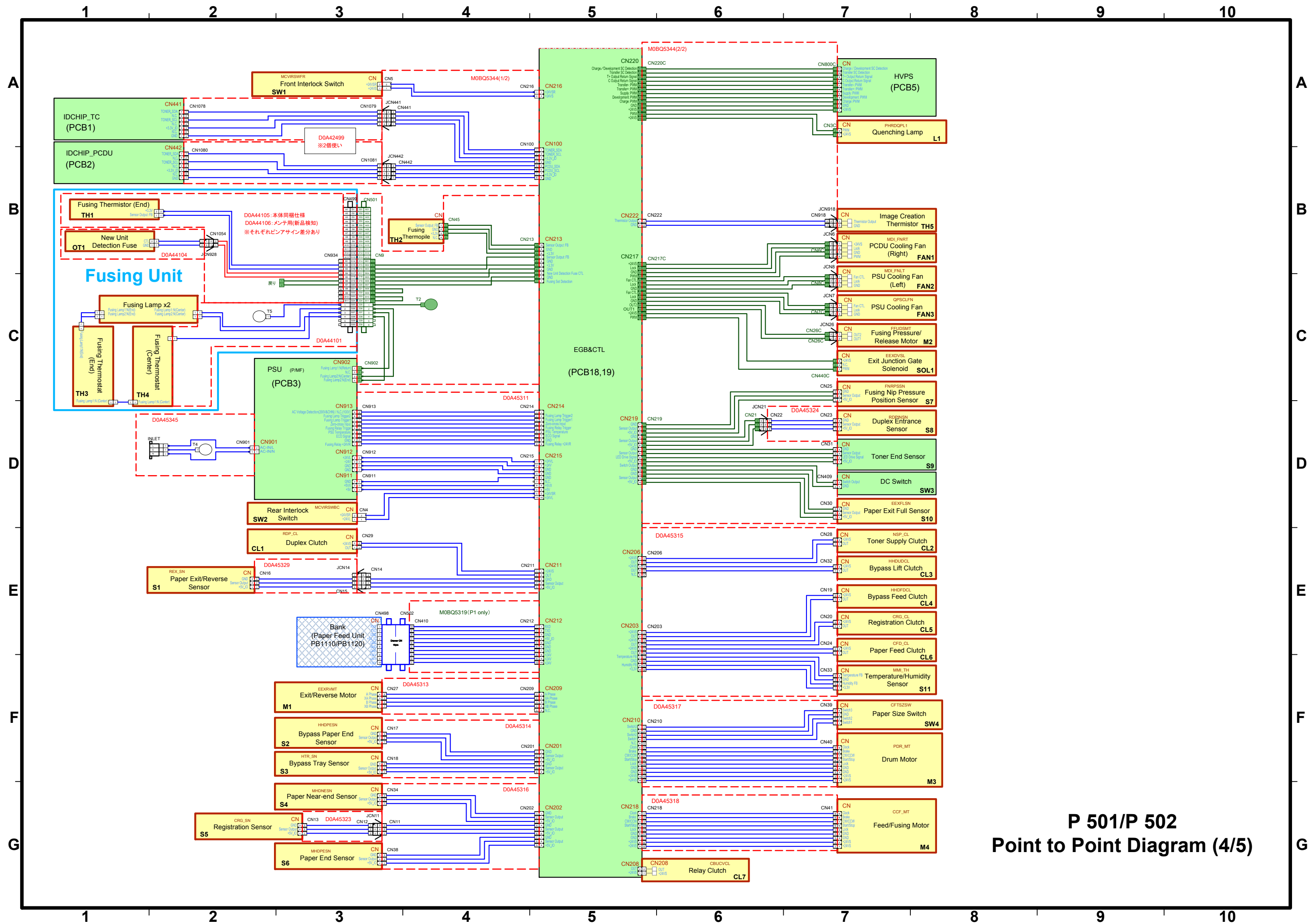
CIS
(PCB14)

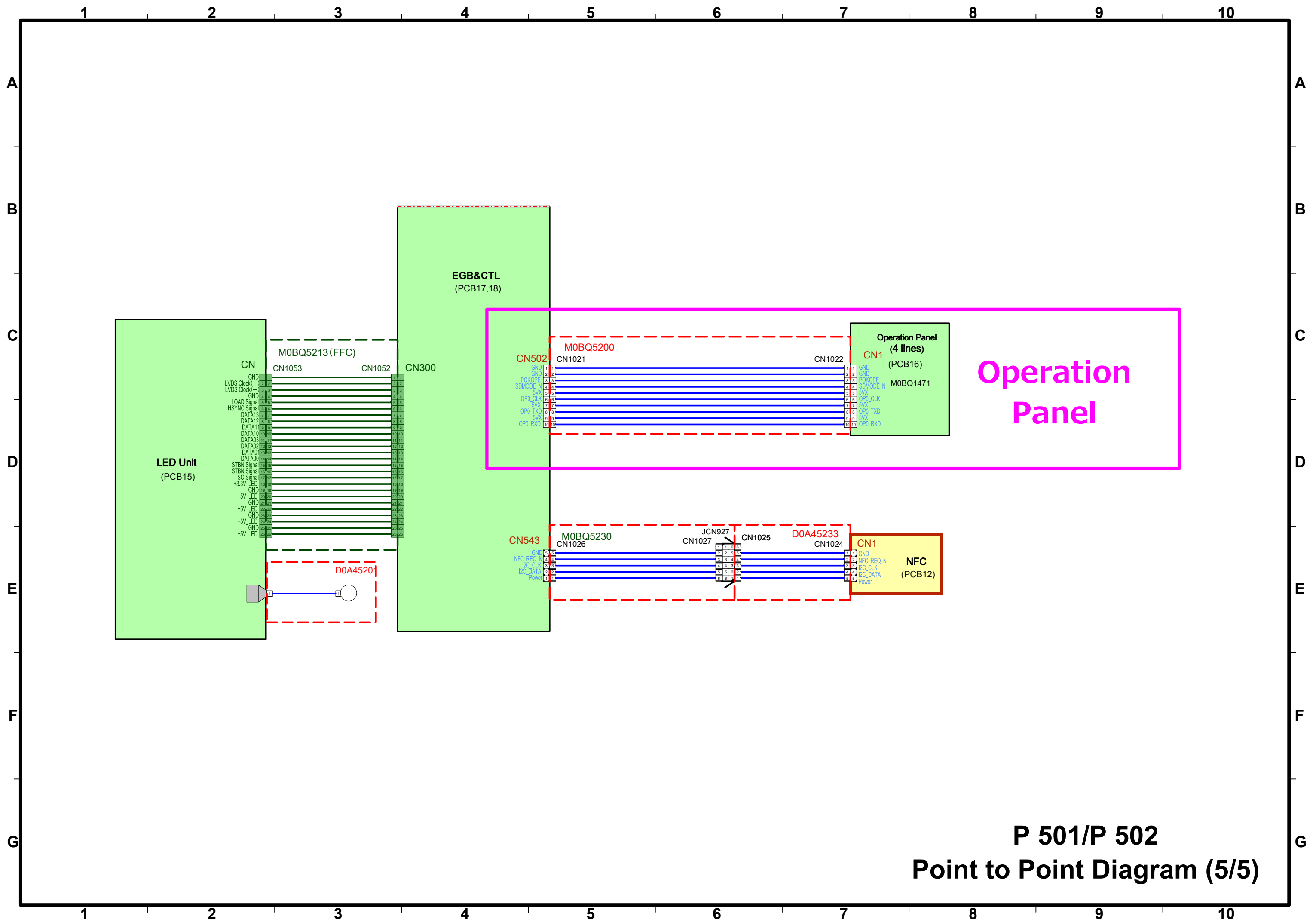
Operation Panel

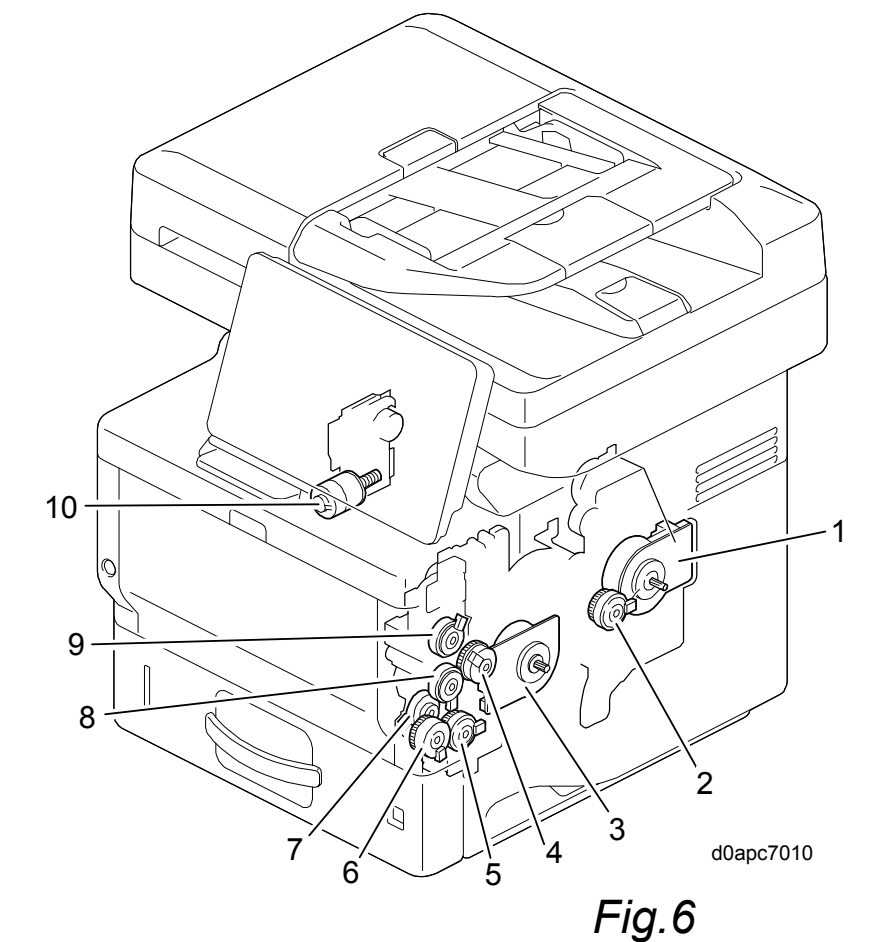
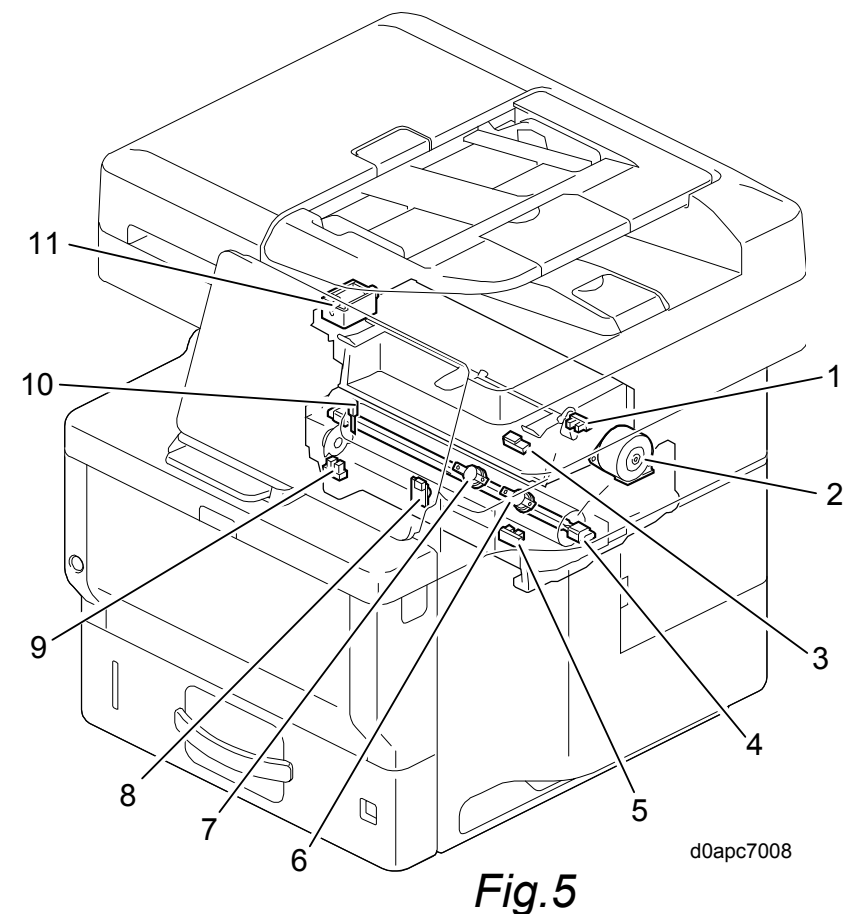
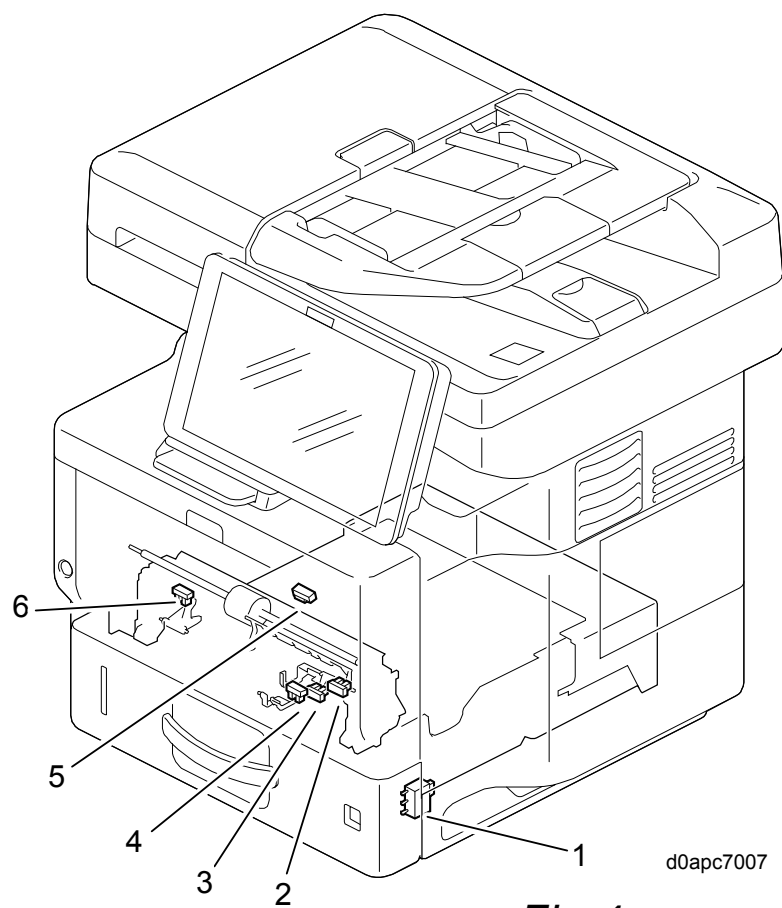
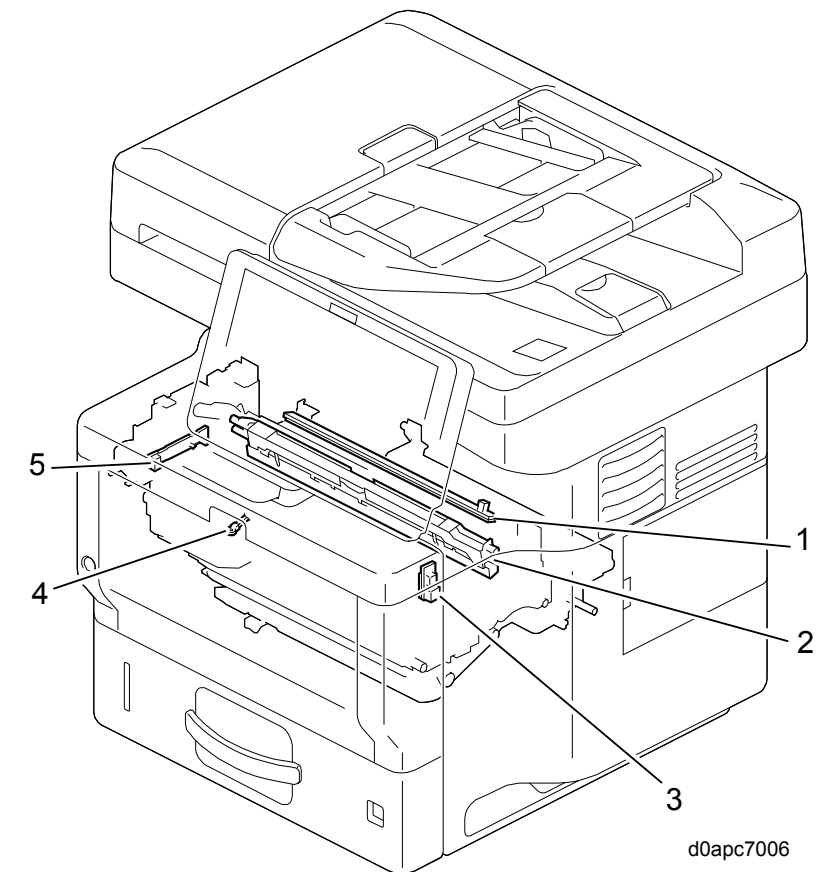
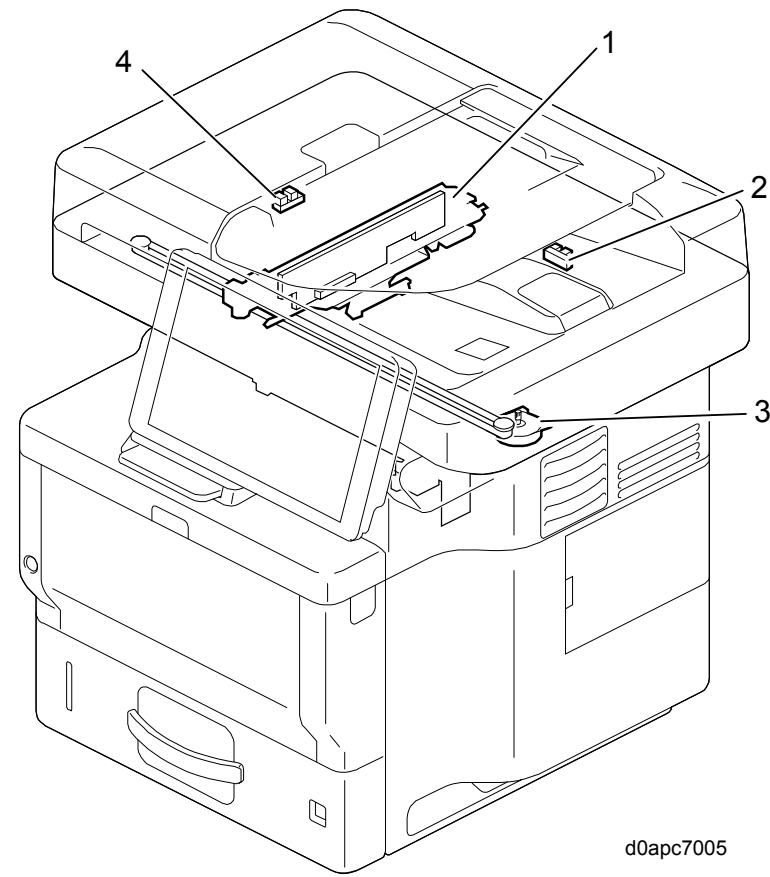
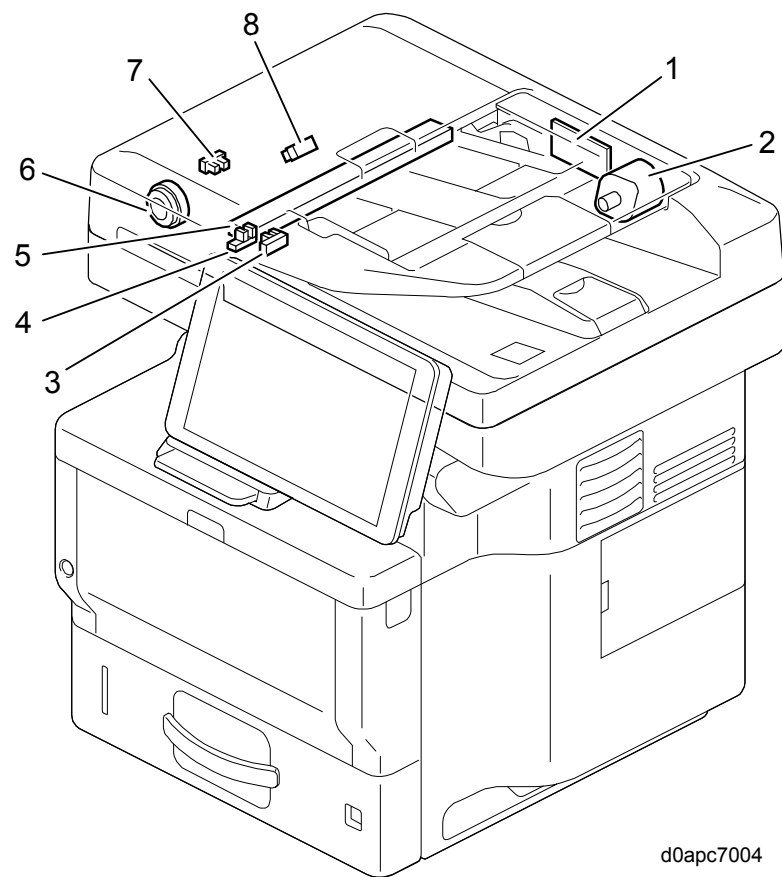
Operation Panel
(MF)
(PCB13)

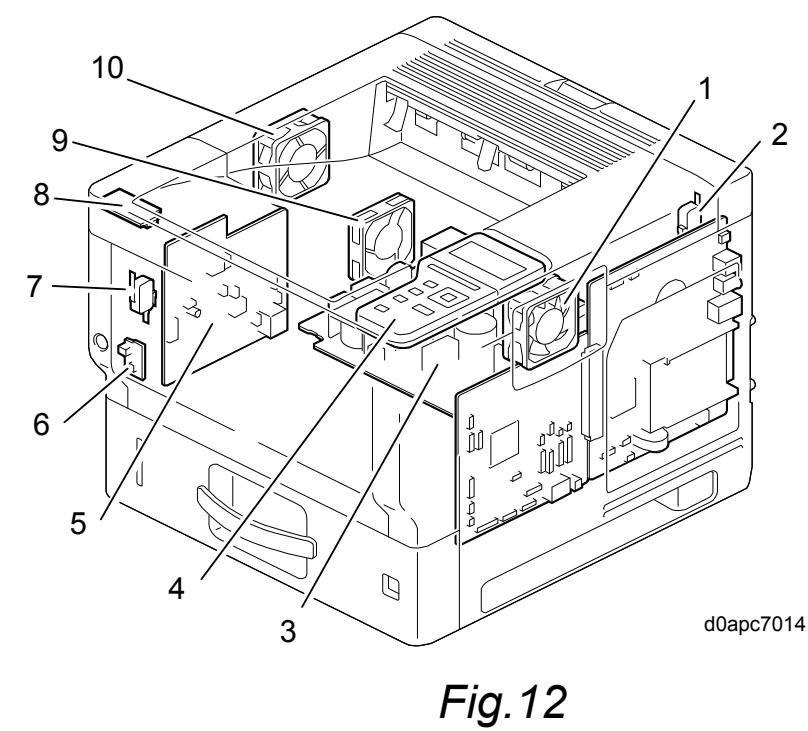
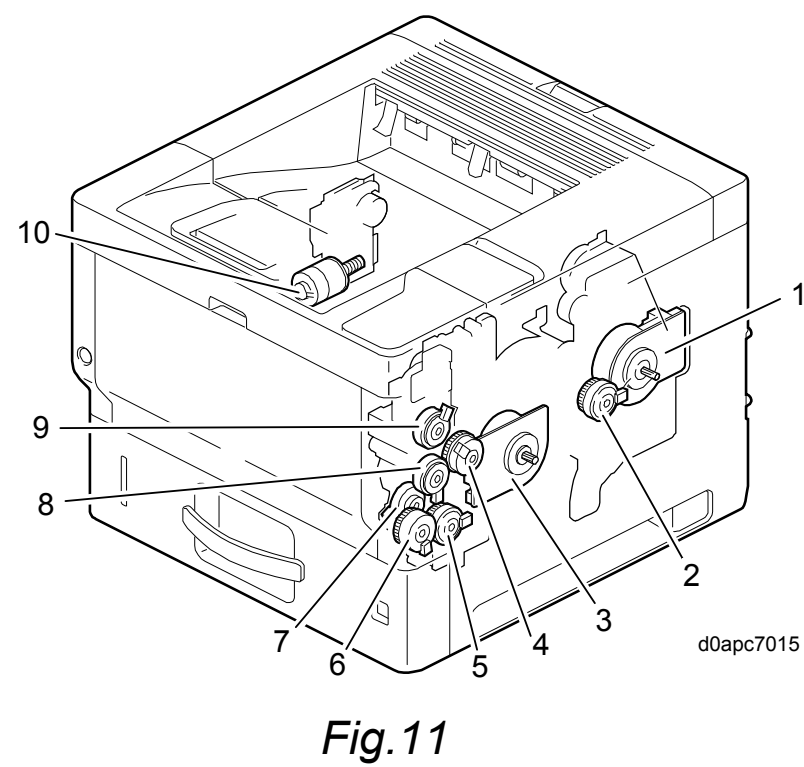
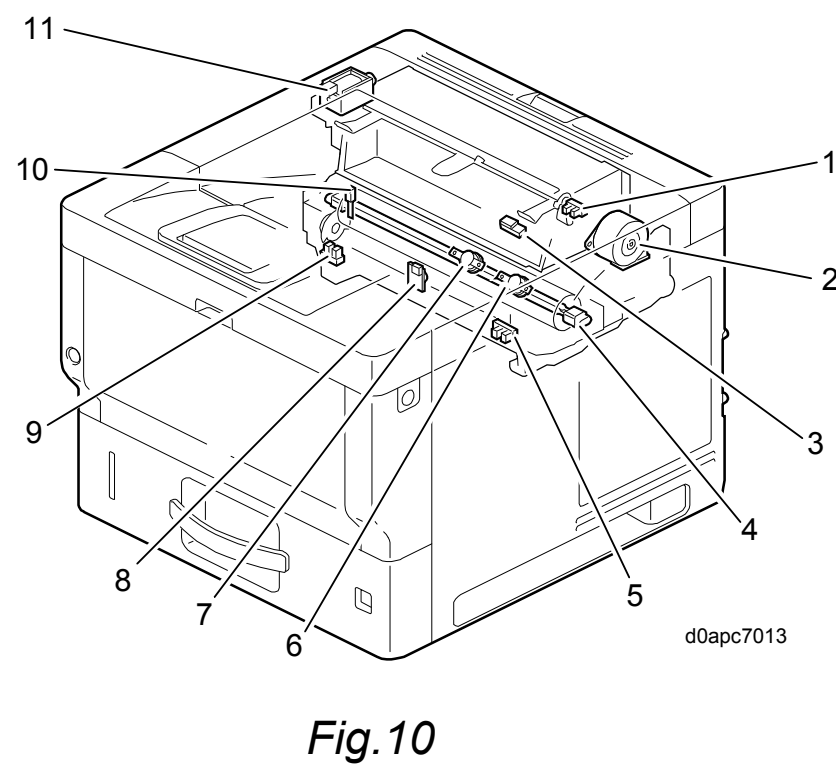
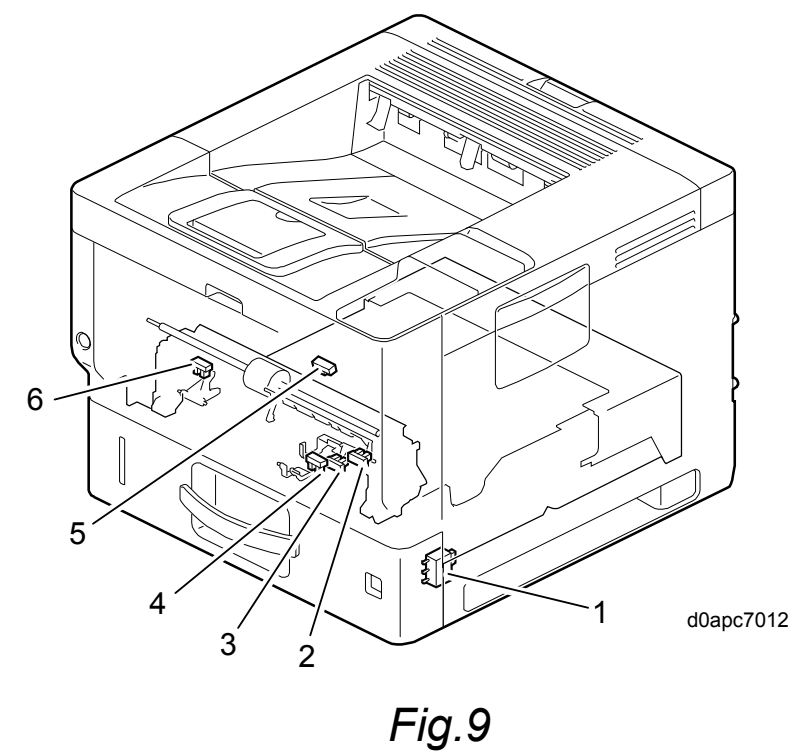
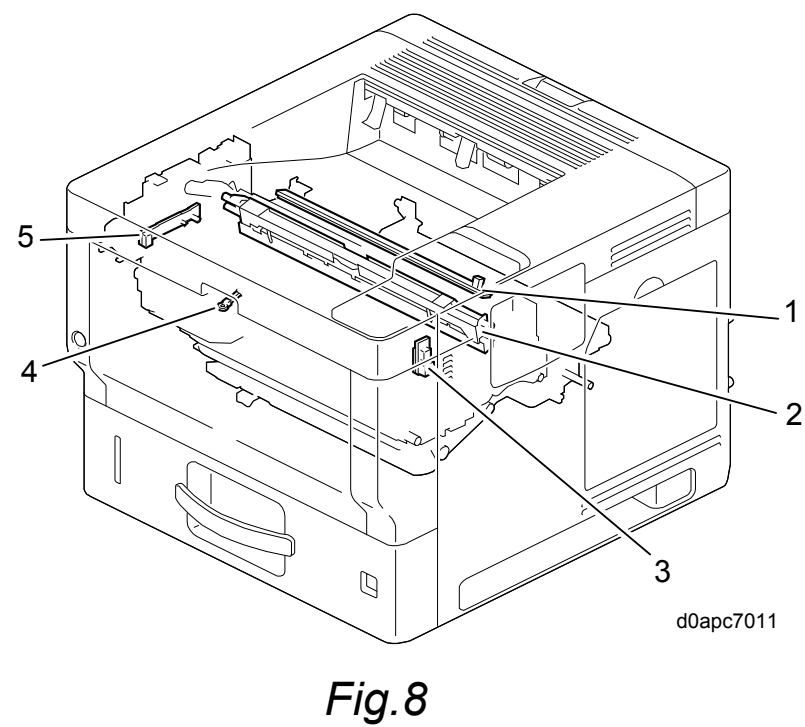
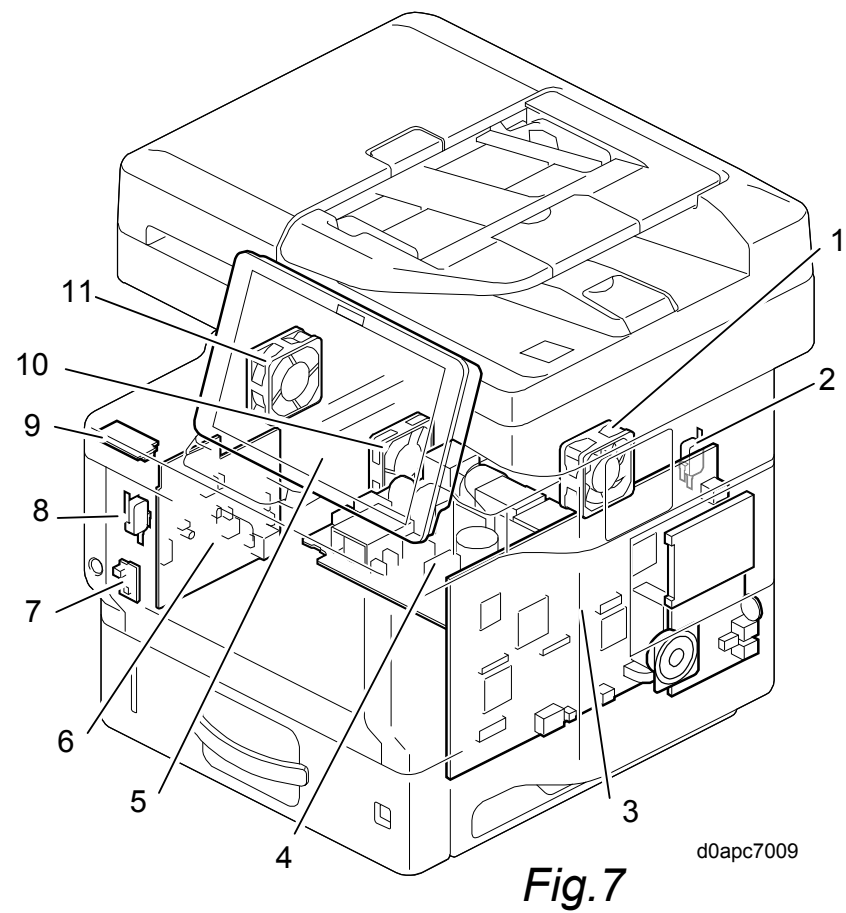


IM 350F/IM 350/IM 430Fb/IM 430F
Point to Point Diagram (3/5)





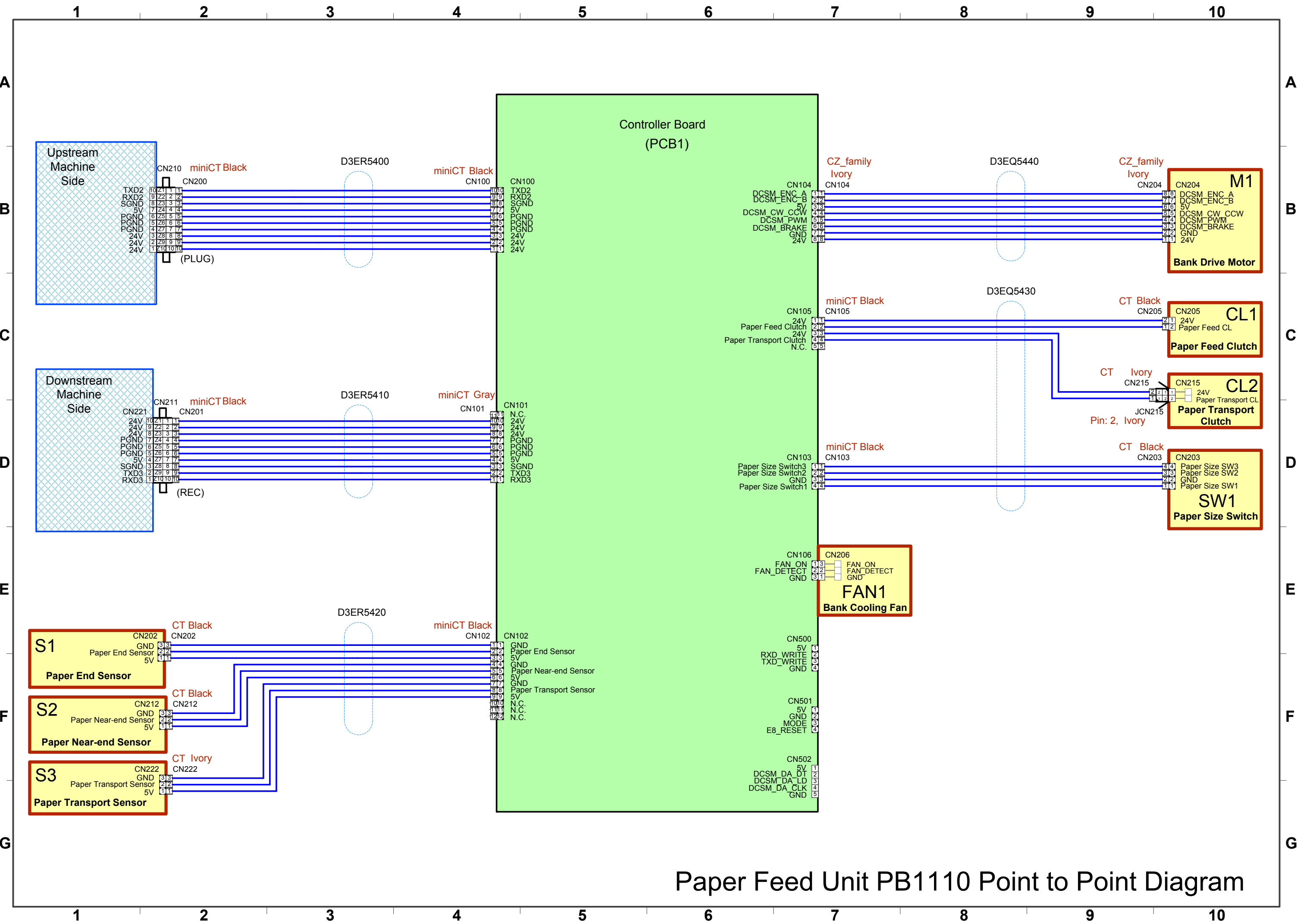




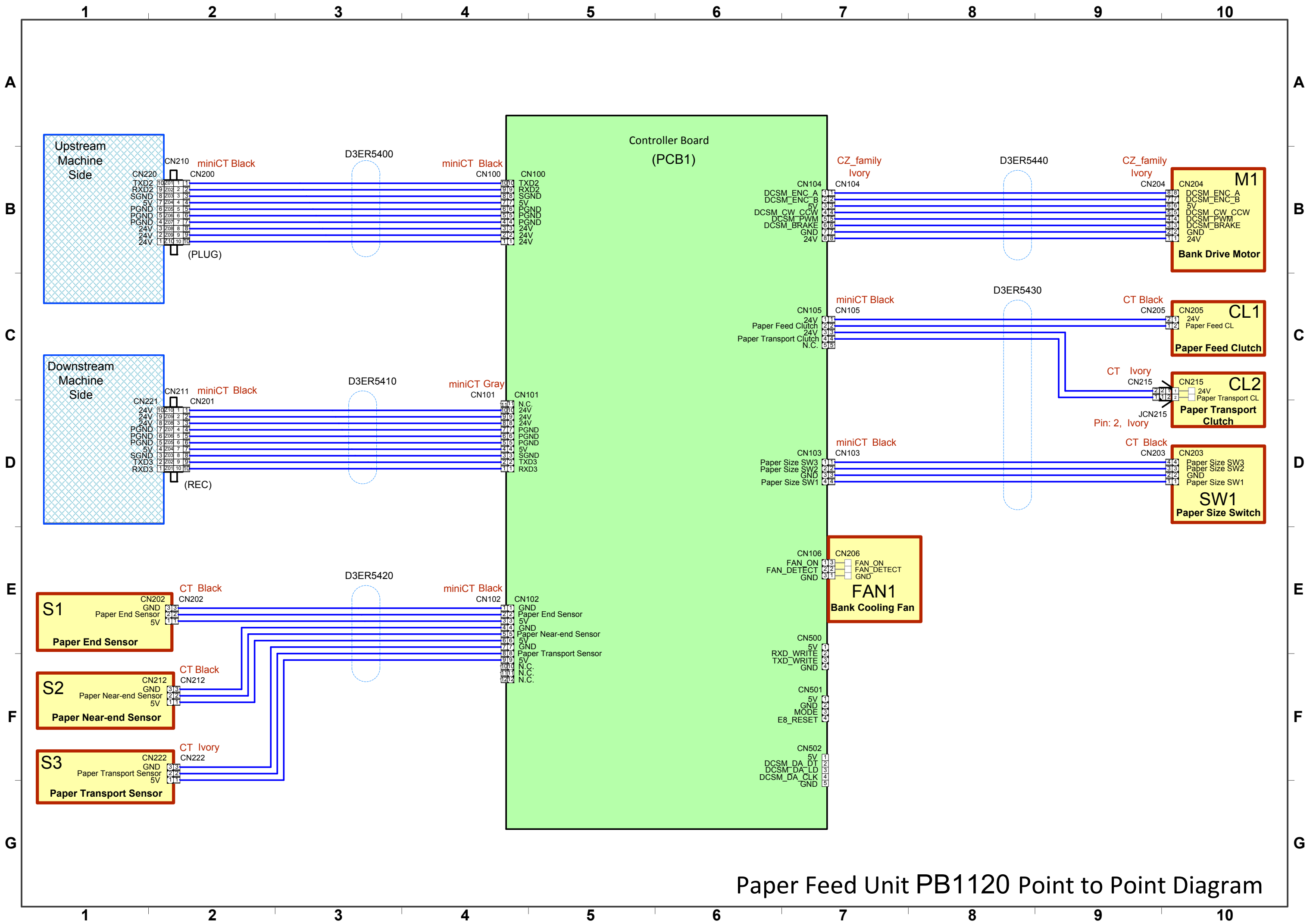
Symbol	Index No.	Description	P to P
Sensors			
S1	Fig.5-3 Fig.10-3	Paper Exit/Reverse Sensor	1-E2 4-E2
S2	Fig.4-2 Fig.9-2	Bypass Paper End Sensor	1-F3 4-F3
S3	Fig.4-3 Fig.9-3	Bypass Tray Sensor	1-F3 4-F3
S4	Fig.4-6 Fig.9-6	Paper Near-end Sensor	1-F3 4-G3
S5	Fig.4-5 Fig.9-5	Registration Sensor	1-G2 4-G2
S6	Fig.4-4 Fig.9-4	Paper End Sensor	1-G3 4-G3
S7	Fig.5-9 Fig.10-9	Fusing Nip Pressure Position Sensor	1-C8 4-C7
S8	Fig.5-5 Fig.10-5	Duplex Entrance Sensor	1-D8 4-D7
S9	Fig.3-5 Fig.8-5	Toner End Sensor	1-D8 4-D7
S10	Fig.5-1 Fig.10-1	Paper Exit Full Sensor	1-D8 4-D7
S11	Fig.3-3 Fig.8-3	Temperature/Humidity Sensor	1-F8 4-F7
S12	Fig.2-4	Scanner HP Sensor	2-D1
S13	Fig.2-2	Platen Cover Sensor	2-D1
S14	Fig.1-4	Original Set Sensor	2-B9
S15	Fig.1-3	Feed Cover Sensor	2-B9
S16	Fig.1-8	SPDF Registration Sensor	2-C10
S17	Fig.1-7	SPDF Feed Sensor	2-D10
Motors			
M1	Fig.5-2 Fig.10-2	Exit/Reverse Motor	1-F3 4-F3
M2	Fig.6-10 Fig.11-10	Fusing Pressure/Release Motor	1-C8 4-C7
M3	Fig.6-3 Fig.11-3	Drum Motor	1-F8 4-F7
M4	Fig.6-1 Fig.11-1	Feed/Fusing Motor	1-G8 4-G7
M5	Fig.2-3	Scanner Motor	2-E1
M6	Fig.1-2	SPDF Drive Motor	2-A9
Switches			
SW1	Fig.7-8 Fig.12-7	Front Interlock Switch	1-A3 4-A3
SW2	Fig.7-2 Fig.12-2	Rear Interlock Switch	1-D3 4-D3
SW3	Fig.7-7 Fig.12-6	DC Switch	1-D8 4-D7
SW4	Fig.4-1 Fig.9-1	Paper Size Switch	1-F8 4-F7

Symbol	Index No.	Description	P to P
Thermistors/Thermostats			
TH1	Fig.5-10 Fig.10-10	Fusing Thermistor (End)	1-B1 4-B1
TH2	Fig.5-8 Fig.10-8	Fusing Thermopile	1-B4 4-B4
TH3	Fig.5-6 Fig.10-6	Fusing Thermostat (End)	1-C1 4-C1
TH4	Fig.5-7 Fig.10-7	Fusing Thermostat (Center)	1-C2 4-C2
TH5	Fig.3-4 Fig.8-4	Image Creation Thermistor	1-B8 4-B7
Clutches			
CL1	Fig.6-2 Fig.11-2	Duplex Clutch	1-D3 4-E3
CL2	Fig.6-9 Fig.11-9	Toner Supply Clutch	1-E8 4-E7
CL3	Fig.6-6 Fig.11-6	Bypass Lift Clutch	1-E8 4-E7
CL4	Fig.6-8 Fig.11-8	Bypass Feed Clutch	1-E8 4-E7
CL5	Fig.6-4 Fig.11-4	Registration Clutch	1-E8 4-E7
CL6	Fig.6-5 Fig.11-5	Paper Feed Clutch	1-E8 4-E7
CL7	Fig.6-7 Fig.11-7	Relay Clutch	1-G6 4-G6
CL8	Fig.1-6	SPDF Feed Clutch	2-C9
Fans			
FAN1	Fig.7-1 Fig.12-1	PCDU Cooling Fan (Right)	1-B8 4-B7
FAN2	Fig.7-11 Fig.12-10	PSU Cooling Fan (Left)	1-B8 4-C7
FAN3	Fig.7-10 Fig.12-9	PSU Cooling Fan	1-C8 4-C7
Others			
SOL1	Fig.5-11 Fig.10-11	Exit Junction Gate Solenoid	1-C8 4-C7
H1	Fig.5-4 Fig.10-4	Fusing Lamp x2	1-B1 4-C1
L1	Fig.3-1 Fig.8-1	Quenching Lamp	1-A8 4-A7
OT1	-	New Unit Detection Fuse	1-B1 4-B1

Symbol	Index No.	Description	P to P
PCBs			
PCB1	-	IDCHIP_TC	1-A1 4-A1
PCB2	-	IDCHIP_PCDU	1-A1 4-B1
PCB3	Fig.7-4 Fig.12-3	PSU	1-C3 4-C3
PCB4	Fig.7-3	SCB	1-C5 2-C5 3-D4
PCB5	Fig.7-6 Fig.12-5	HVPS	1-A8 4-A7
PCB6	Fig.2-1	LEDB	2-B2
PCB7	Fig.2-1	SBU	2-C3
PCB8	-	CNB	2-F3
PCB9	-	MFTB	2-C6
PCB10	-	URRB	2-D6
PCB11	Fig.1-1	SPDF Relay Board	2-C7
PCB12	Fig.7-9 Fig.12-8	NFC Board	2-E8 5-E8
PCB13	Fig.7-5 Fig.12-4	Operation Panel (Smart Operation Panel)	2-F8
PCB14	Fig.1-5	CIS Unit	2-F1
PCB15	Fig.3-2 Fig.8-2	LED Unit	3-C1 5-D1
PCB16	-	MKB	3-D7 5-C8
PCB17	-	EGB	4-C5 5-C4
PCB18	-	CTL	4-C5 5-C4



Paper Feed Unit PB1110 Point to Point Diagram



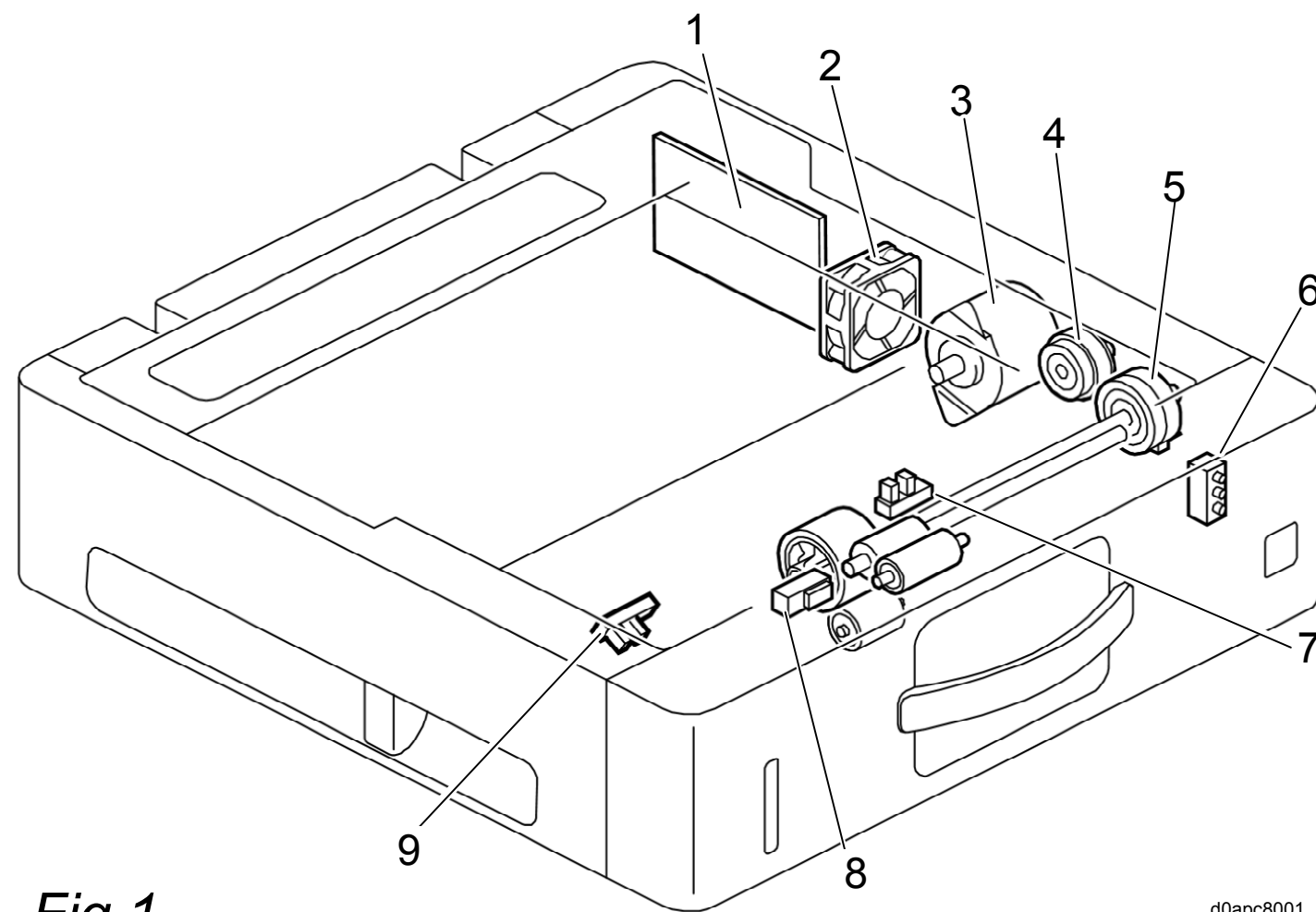


Fig.1

d0apc8001

Symbol	Index No.	Description	P to P
S1	Fig.1-7	Paper End Sensor	F1
S2	Fig.1-9	Paper Near-end Sensor	F1
S3	Fig.1-8	Paper Transport Sensor	F1
M1	Fig.1-3	Bank Drive Motor	B10
FAN1	Fig.1-2	Bank Cooling Fan	E7
CL1	Fig.1-5	Paper Feed Clutch	C10
CL2	Fig.1-4	Paper Transport Clutch	C10
SW1	Fig.1-6	Paper Size Switch	D10
PCB1	Fig.1-1	Controller Board	A6

Paper Feed Unit PB110/PB1120 ELECTRICAL COMPONENT LAYOUT