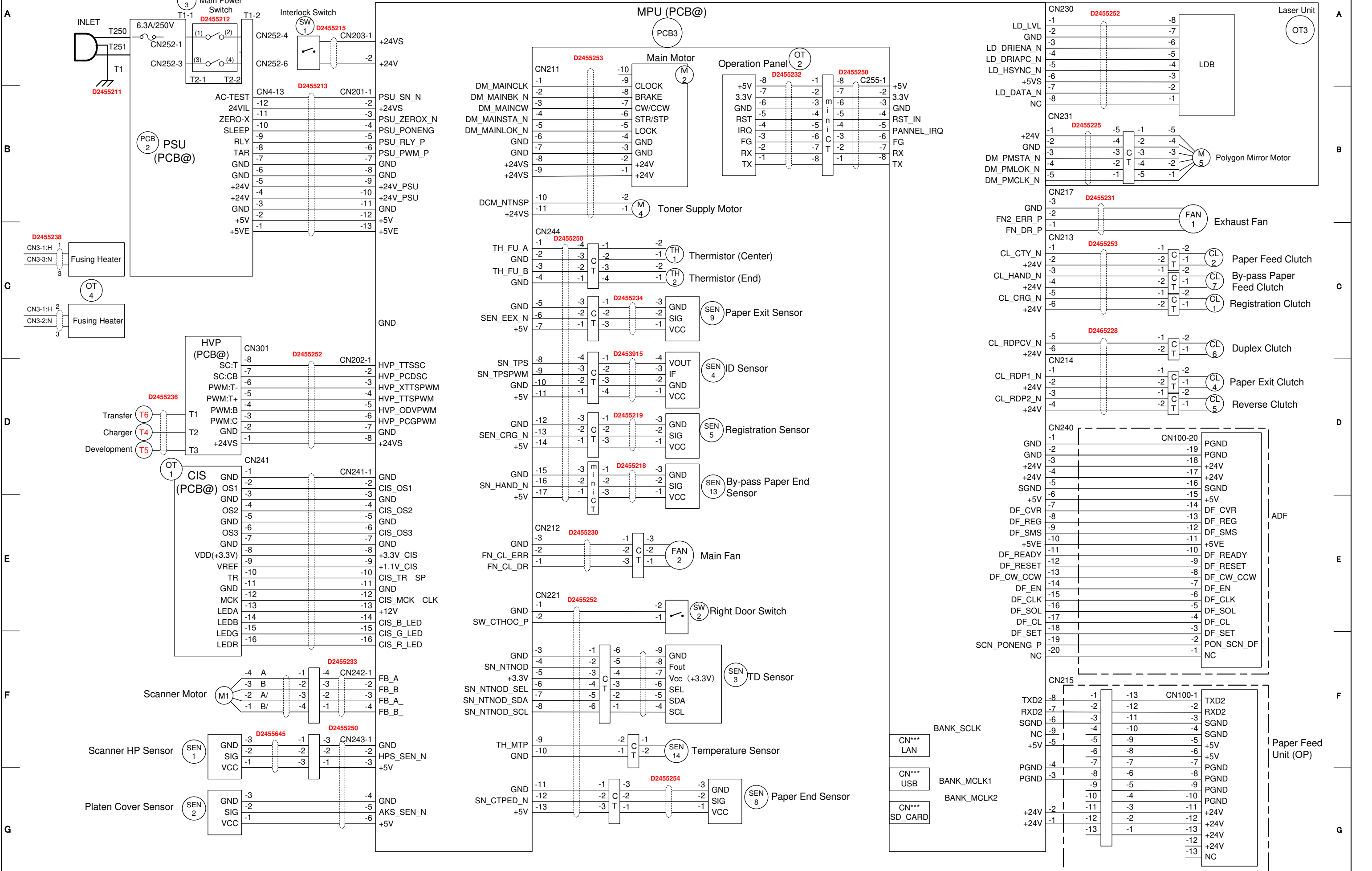
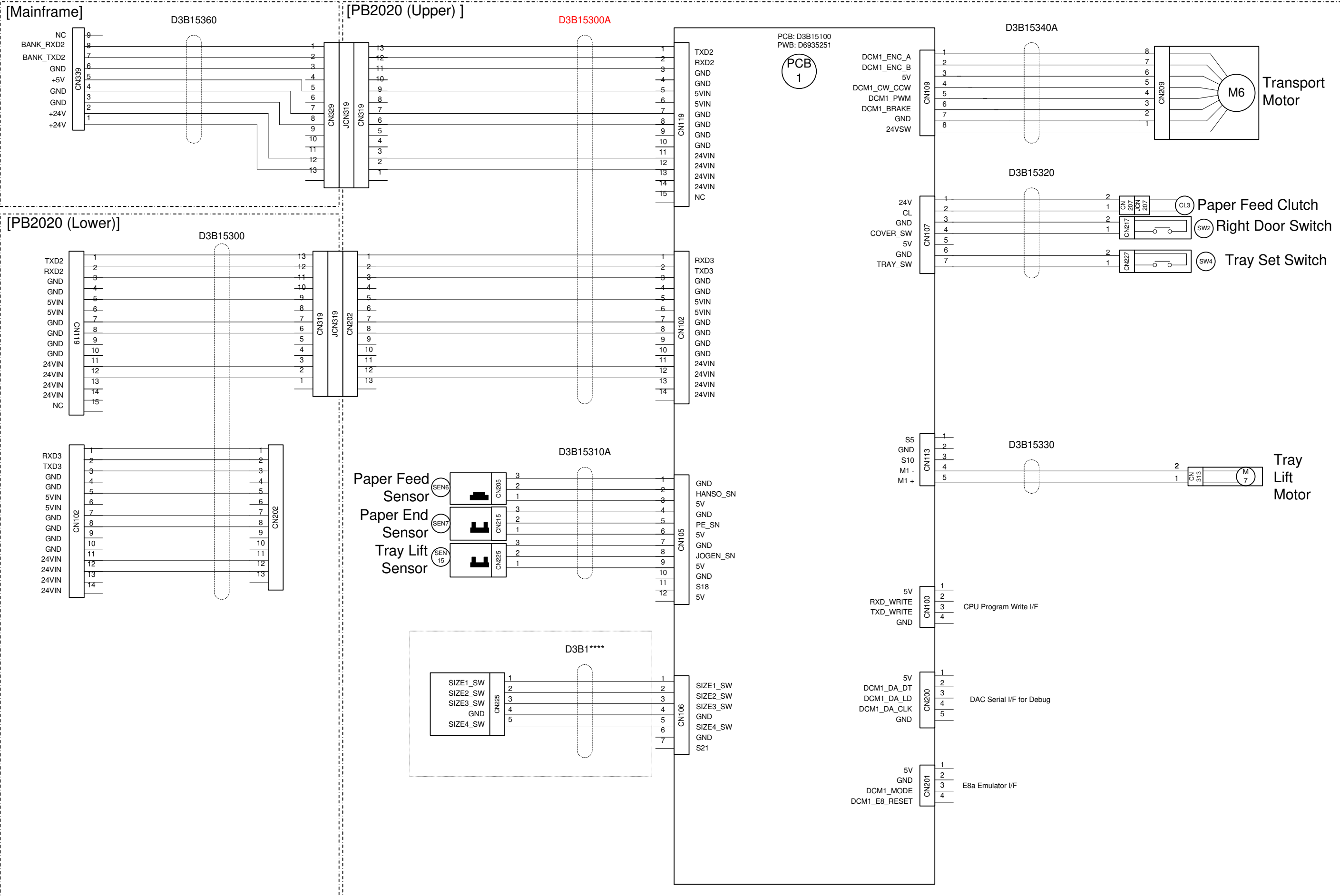


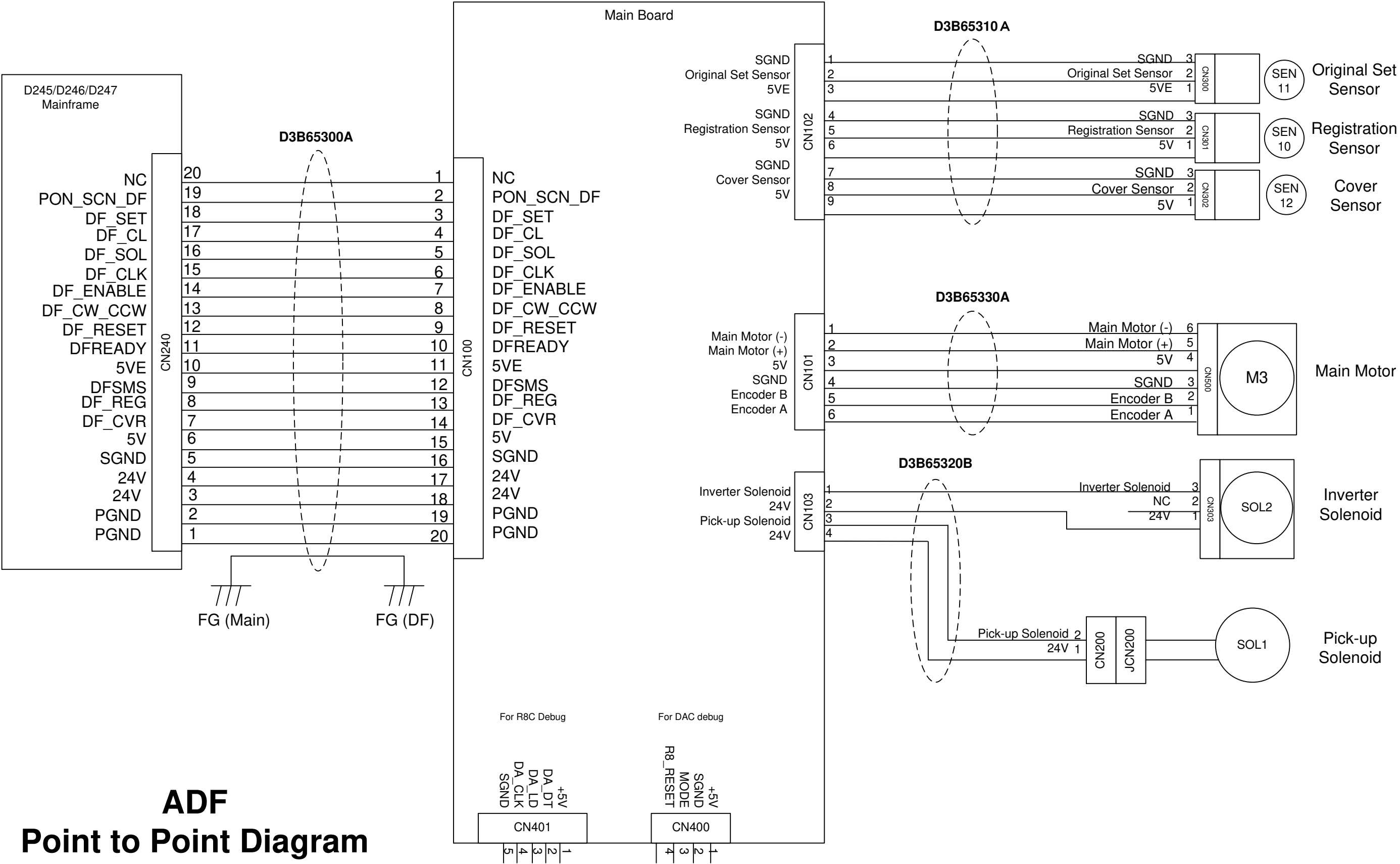
D245/D246/D247 Point to Point Diagram – [A] Mainframe



D245/D246/D247 Point to Point Diagram – [C] Paper Feed Unit PB2020



D245/D246/D247 Point to Point Diagram – [B] ADF



D245/D246/D247 Electrical Component Layout

Fig. 1

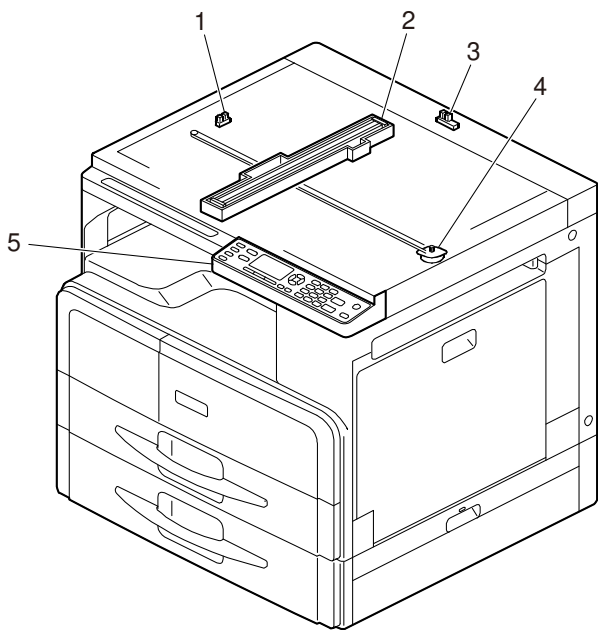


Fig. 2

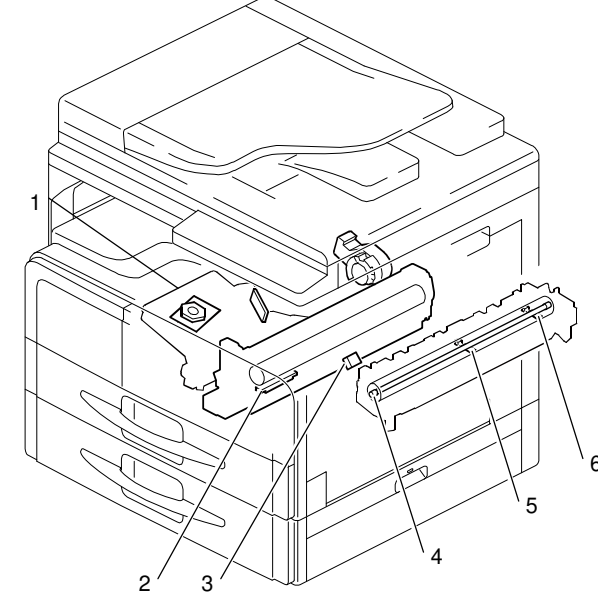


Fig. 3

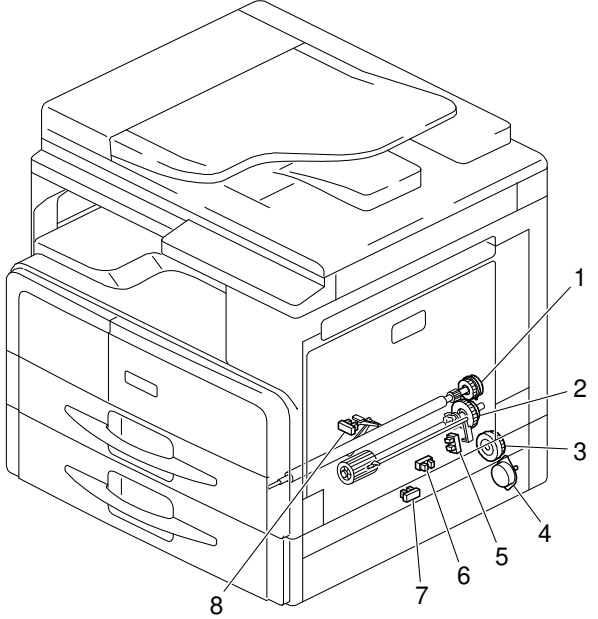


Fig. 4

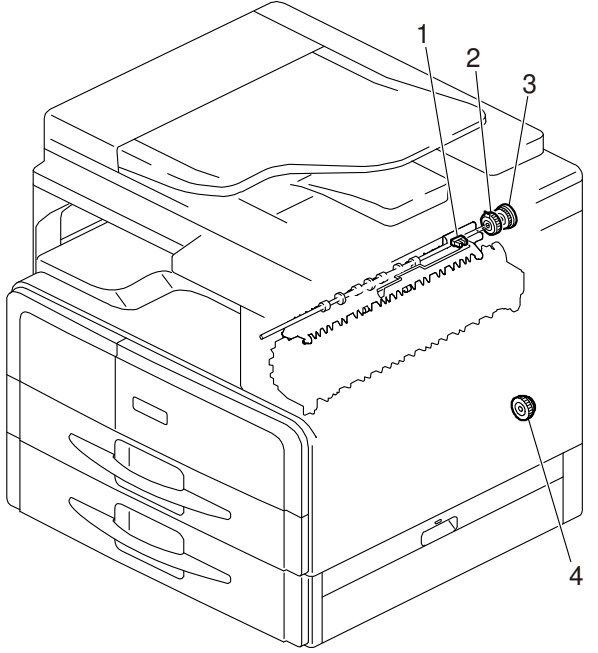


Fig. 5

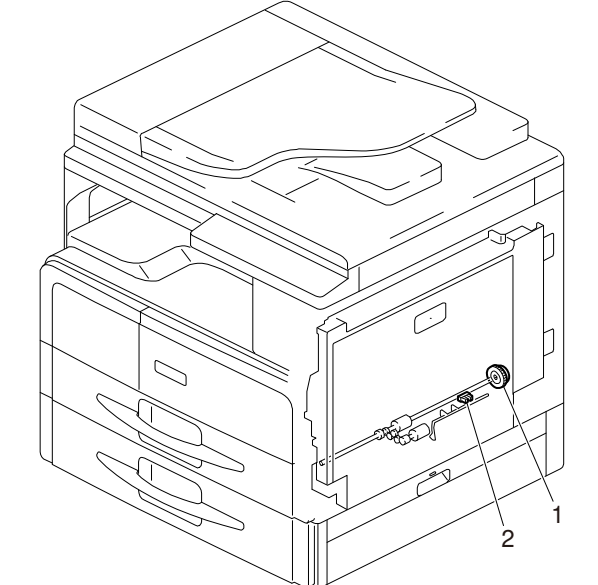


Fig. 6

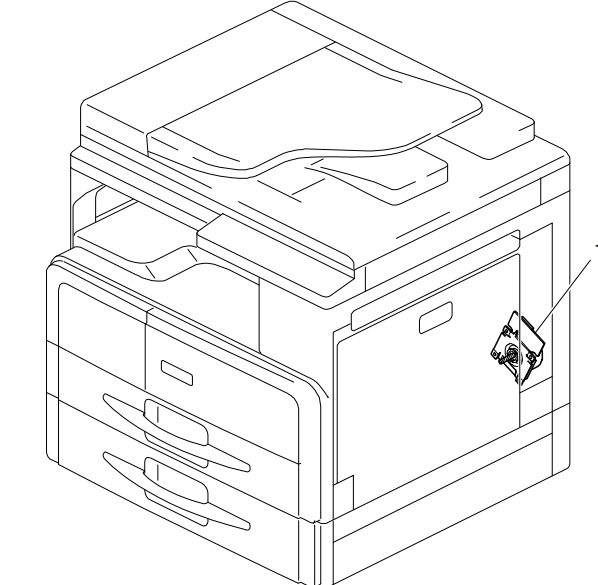


Fig. 7

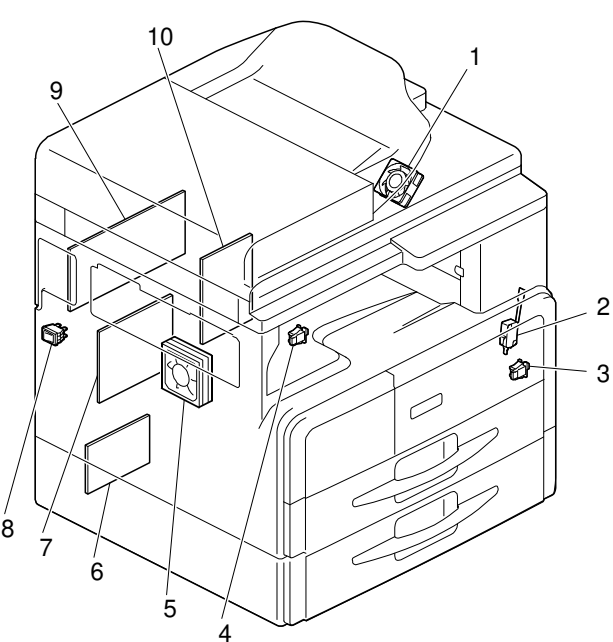
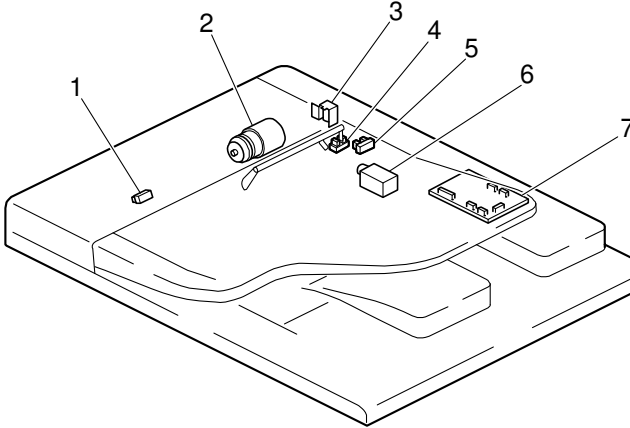


Fig. 8



D245/D246/D247 Electrical Component List

Symbol	PtoP	Description	Index
Motors			
M1	[A] - 2F	Scanner Motor	Fig. 1-4
M2	[A] - 5A	Main Motor	Fig. 6-1
M3	[B] - 10C	ADF Main Motor	Fig. 8-2
M4	[A] - 5B	Toner Supply Motor	-
M5	[A] - 9B	Polygon Mirror Motor	-
M6	[C] - 10B	Transport Motor (Option)	Fig. 3-4
M7	[C] - 9D	Tray Lift Motor	-
Clutches			
CL1	[A] - 9C	Registration Clutch	Fig. 3-1
CL2	[A] - 9C	Paper Feed Clutch (Main)	Fig. 3-2
CL3	[C] - 9B	Paper Feed Clutch (Option)	Fig. 3-3
CL4	[A] - 9D	Paper Exit Clutch (D246/D247 Only)	Fig. 4-2
CL5	[A] - 9D	Reverse Clutch (D246/D247 Only)	Fig. 4-3
CL6	[A] - 9C	Duplex Clutch (D246/D247 Only)	Fig. 4-4
CL7	[A] - 9C	By-pass Paper Feed Clutch	Fig. 5-1
Fans			
FAN1	[A] - 9B	Exhaust Fan	Fig. 7-1
FAN2	[A] - 6E	Main Fan	Fig. 7-4
Solenoids			
SOL1	[B] - 10E	ADF Pick-up Solenoid	Fig. 8-3
SOL2	[B] - 10D	ADF Inverter Solenoid	Fig. 8-6
PCBs			
PCB1	[C] - 6A	PFU Main Board (Option)	Fig. 7-5
PCB2	[A] - 2B	PSU	Fig. 7-6
PCB3	[A] - 5A	MPU	Fig. 7-8
PCB4	[A] - 2C	HVP	Fig. 7-9
PCB5	[B] - 5A	ADF Main Board	Fig. 8-7

Note:

[A] = D245/D246/D247 Point to Point Diagram – [A] Mainframe

[B] = D245/D246/D247 Point to Point Diagram – [B] ADF

[C] = D245/D246/D247 Point to Point Diagram – [C] Paper Feed Unit PB2020

Symbol	PtoP	Description	Index
Sensors			
SEN1	[A] - 2F	Scanner HP Sensor	Fig. 1-1
SEN2	[A] - 2G	Platen Cover Sensor	Fig. 1-3
SEN3	[A] - 6F	TD Sensor	Fig. 2-2
SEN4	[A] - 6D	ID Sensor	Fig. 2-3
SEN5	[A] - 6D	Registration Sensor	Fig. 3-4
SEN6	[C] - 4D	Paper Feed Sensor (Option)	Fig. 3-5
SEN7	[C] - 4E	Paper End Sensor (Option)	Fig. 3-6
SEN8	[A] - 6G	Paper End Sensor (Main)	Fig. 3-7
SEN9	[A] - 6C	Paper Exit Sensor	Fig. 4-1
SEN10	[B] - 10B	ADF Registration Sensor	Fig. 8-1
SEN11	[B] - 10A	ADF Original Set Sensor	Fig. 8-4
SEN12	[B] - 10B	ADF Cover Sensor	Fig. 8-5
SEN13	[A] - 6D	By-pass Paper End Sensor	Fig. 5-2
SEN14	[A] - 6G	Temperature Sensor	-
SEN15	[C] - 4E	Tray Lift Sensor	-
Switches			
SW1	[A] - 3A	Door Switch (Front Door, Right Door) Interlock Switch	Fig. 7-2
SW2	[A] - 6E [C] - C9	Right Door Switch	Fig. 7-3
SW3	[A] - 2B	Main Power Switch	Fig. 7-7
SW4	[C] - 9C	Tray Set Switch	-
Thermistor/Thermostat			
TH1	[A] - 6C	Thermistor (Center)	Fig. 2-6
TH2	[A] - 6C	Thermistor (End)	Fig. 2-7
Others			
OT1	[A] - 2E	CIS	Fig. 1-2
OT2	[A] - 6A	Operation Panel	Fig. 1-5
OT3	[A] - 10A	Laser Unit	Fig. 2-1
OT4	[A] - 1C	Fusing Heater (Fusing Lamp)	Fig. 2-4