



ELECTRICAL COMPONENT LAYOUT (G080)

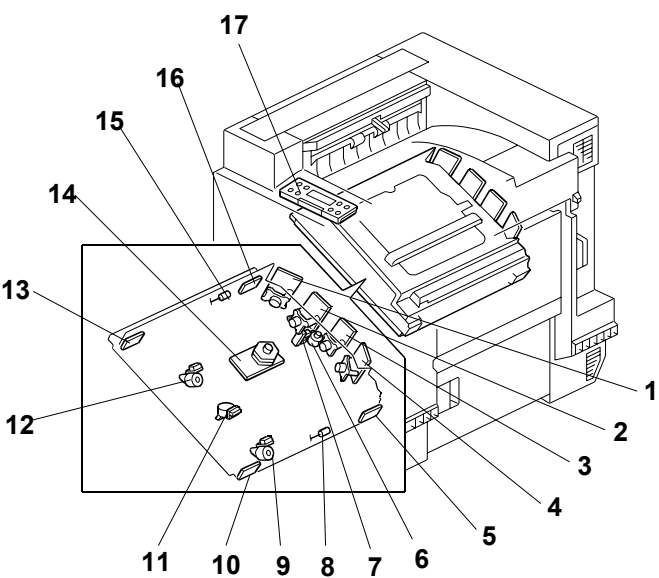


Fig. 1

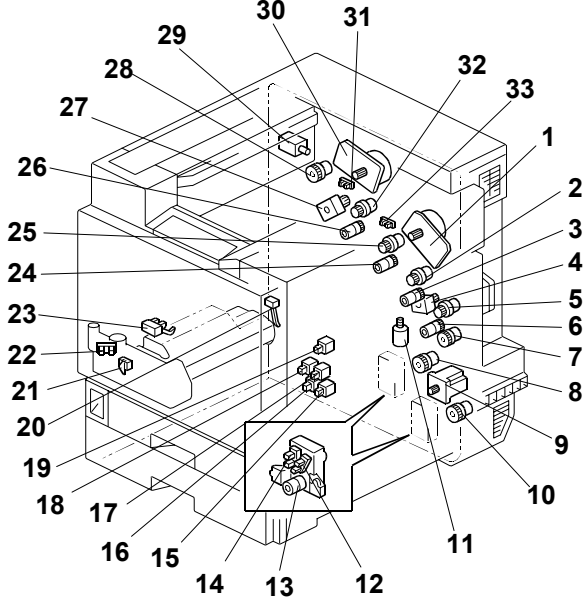


Fig. 5

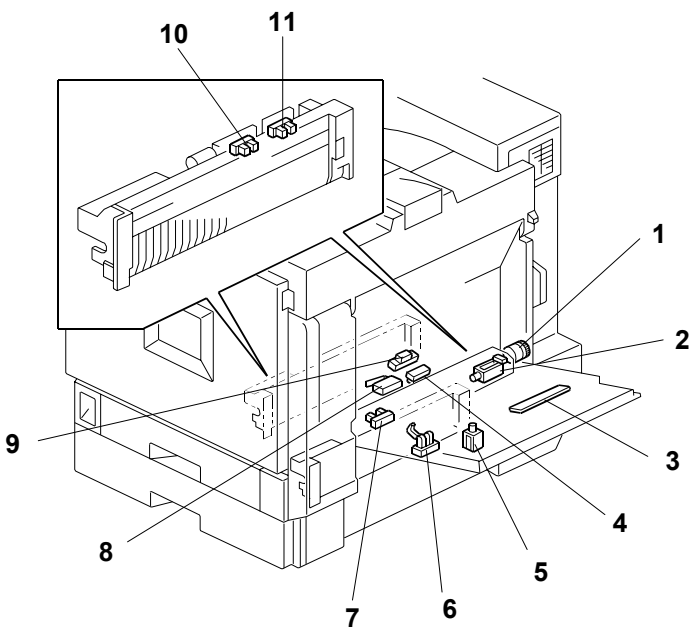


Fig. 4

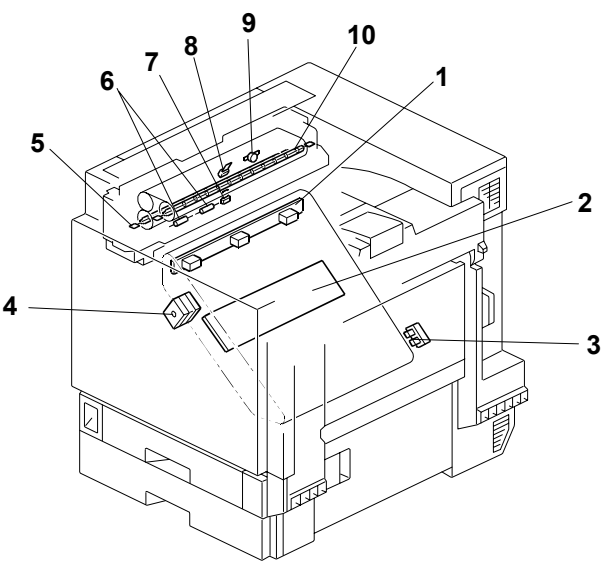


Fig. 3

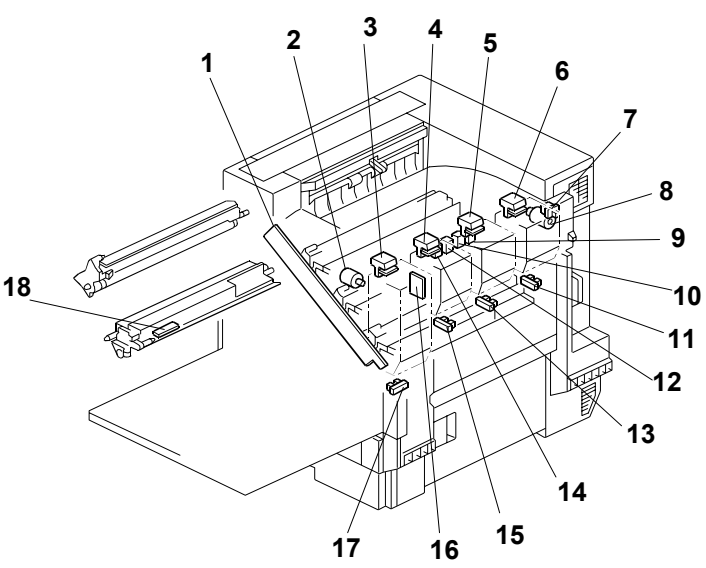


Fig. 2

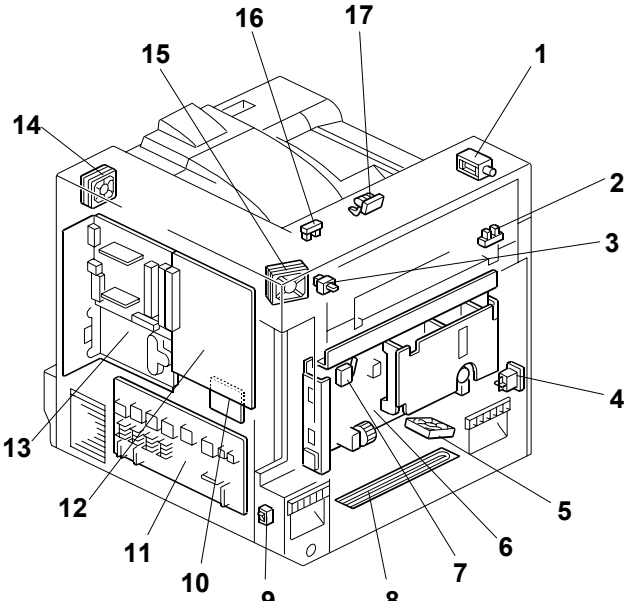
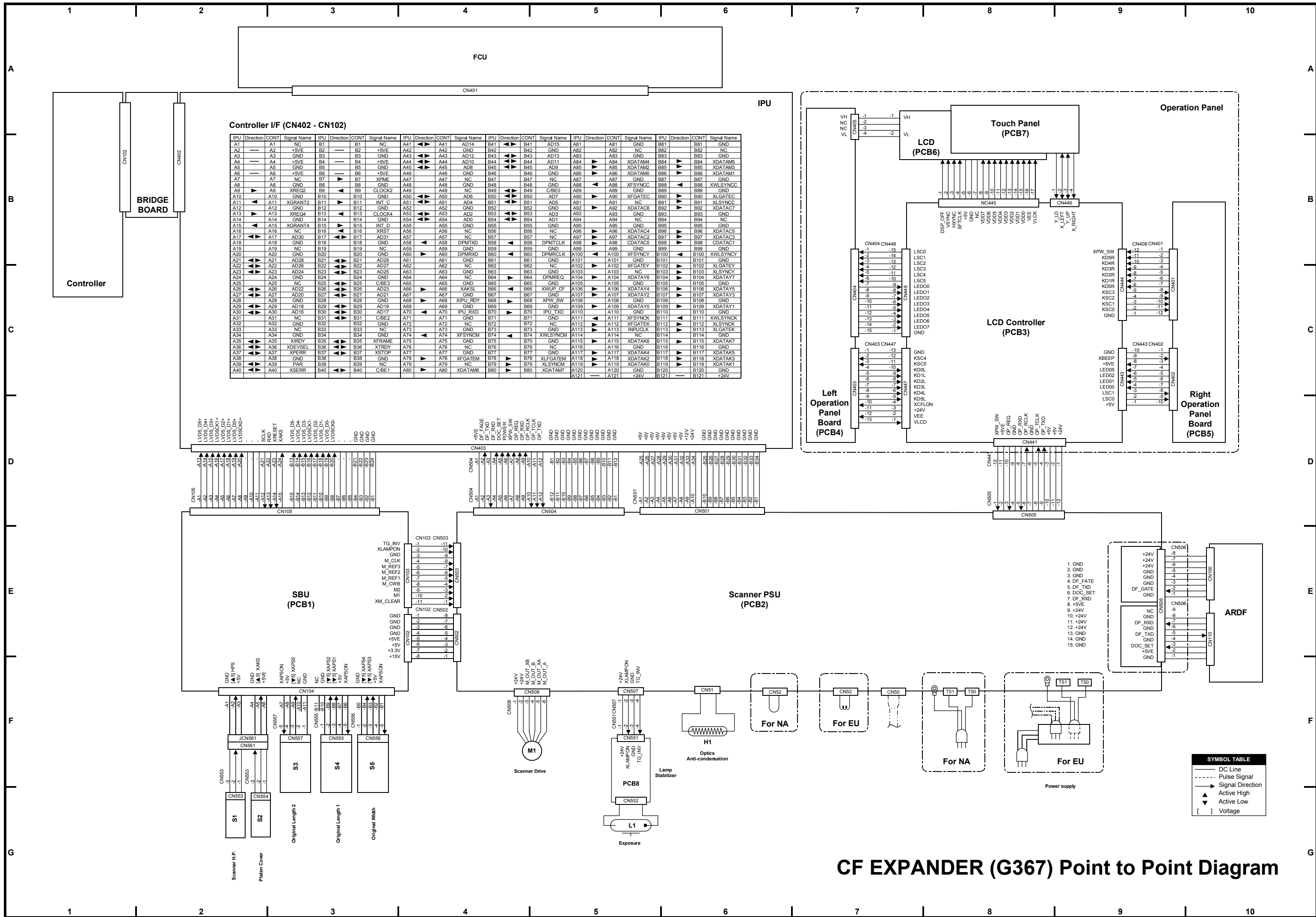


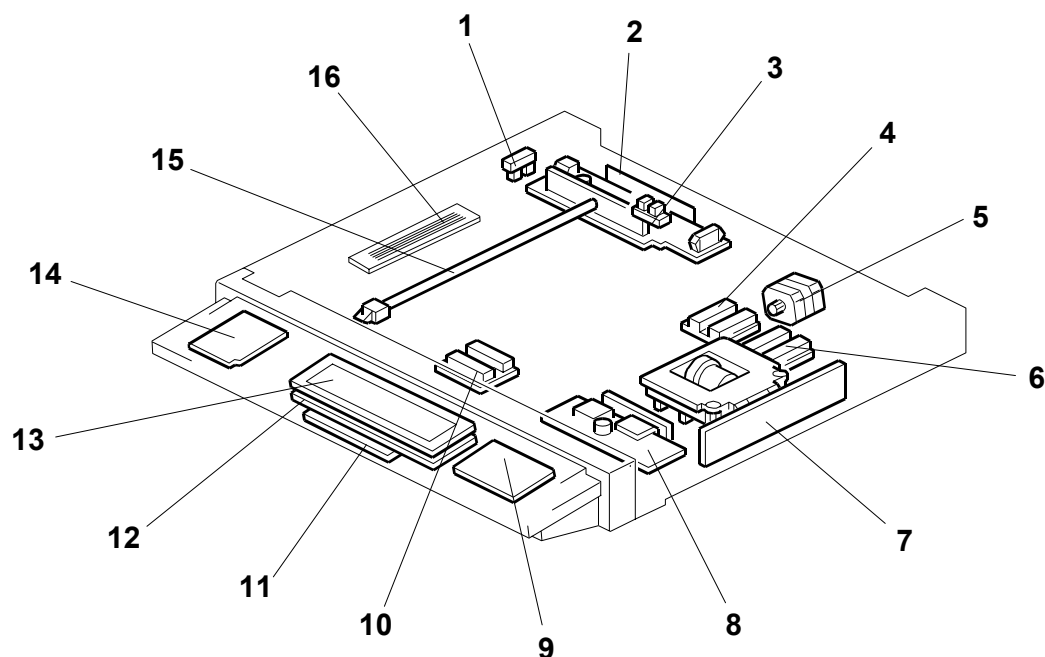
Fig. 6

Symbol	Description	Index No.	P-to-P
Printed Circuit Boards			
PCB1	LD Unit-Y	1-1	J5
PCB2	LD Unit-K	1-2	J5
PCB3	LD Unit-M	1-3	I5
PCB4	LD Unit-C	1-4	I5
PCB5	Laser Synchronizing Detector Board-MC – S	1-5	I4
PCB6	Laser Synchronizing Detector Board-MC – E	1-10	I4
PCB7	Laser Synchronizing Detector Board-YK – S	1-13	J4
PCB8	Laser Synchronizing Detector Board-YK – E	1-16	J4
PCB9	Operation Panel	1-17	H7
PCB10	Memory Chip – K	2-3	D7
PCB11	Memory Chip – Y	2-4	F5
PCB12	Memory Chip – C	2-5	F5
PCB13	Memory Chip – M	2-6	F5
PCB14	High Voltage Supply Board - Transfer	3-2	G4
PCB15	Paper Width Detection Board	4-3	E7
PCB16	PSU (Power Supply Unit)	6-6	D2
PCB17	DRB	6-10	B2
PCB18	High Voltage Supply Board - C, B	6-11	E5
PCB19	BCU	6-12	F6
PCB20	Controller	6-13	B5
Motors			
M1	LD Positioning Motor	1-6	G5
M2	3rd Mirror Positioning Motor-M	1-9	H5
M3	3rd Mirror Positioning Motor-C	1-11	H5
M4	3rd Mirror Positioning Motor-Y	1-12	H5
M5	Polygon Motor	1-14	H5
M6	Air Pump – CK	2-2	G7
M7	Air Pump – MY	2-8	G7
M8	Transfer Unit Drive Motor	3-4	F4
M9	Development Drive Motor-CMY	5-1	A2
M10	Drum Drive Motor-CMY	5-4	A3
M11	Paper Feed Motor	5-9	A2
M12	Transfer Belt Contact Motor	5-11	G7
M13,14	Tray Lift Motor	5-13	G7
M15	Drum Drive Motor-K	5-27	A2
M16	Development Drive Motor-K	5-30	A1
M17	PSU Cooling Fan Motor	6-5	C5
M18	Laser Optics Housing Cooling Fan Motor	6-14	F7
M19	Fusing Fan Motor	6-15	C5
Sensors			
S1	LD H.P. Sensor	1-7	G5
S2	Toner End Sensor – M	2-11	H6
S3	Toner End Sensor – C	2-13	H6
S4	Toner End Sensor – Y	2-15	H6
S5	Humidity Sensor	2-16	J6
S6	Toner End Sensor – K	2-17	E6
S7	TD Sensor – M	2-18	E6
S8	TD Sensor – C	2-18	C7
S9	TD Sensor – Y	2-18	C6
S10	TD Sensor – K	2-18	C6
S11	ID Sensor	3-1	F5
S12	Transfer Belt Sensor	3-3	C7
S13	Relay Sensor	4-4	J7
S14	Vertical Transport Sensor	4-6	F7
S15	By-pass Paper End Sensor	4-7	E7
S16	Registration Sensor	4-9	D7
S17,18	Paper End Sensor	4-10	J7
S19,20	Paper Lift Sensor	4-11	J7
S21	Tray 1 Paper Height Sensor 2	5-12	G6
S22	Tray 2 Paper Height Sensor 2	5-12	F6
S23	Tray 1 Paper Height Sensor 1	5-14	G6
S24	Tray 2 Paper Height Sensor 1	5-14	G6
S25	Waste Oil Bottle Set Sensor	5-21	C5
S26	Waste Oil Sensor	5-22	C5
S27	Waste Toner Sensor	5-23	B6

Symbol	Description	Index No.	P-to-P
S28	Drum Gear Position Sensor - K	5-31	B6
S29	Drum Gear Position Sensor - CMY	5-33	C6
S30	Fusing Exit Sensor	6-2	D5
S31	Paper Exit Sensor	6-16	C5
S32	Paper Overflow Sensor	6-17	D5
Switches			
SW1	PCU/Development Unit Set Switch	2-1	D7
SW2	Right Door Switch	2-7	J7
SW3	Vertical Transport Switch	4-8	D4
SW4	Tray 2 Paper Size Switch – 4	5-15	G6
SW5	Tray 2 Paper Size Switch – 2	5-16	G6
SW6	Tray 2 Paper Size Switch – 3	5-17	G6
SW7	Tray 2 Paper Size Switch – 1	5-18	G6
SW8	Tray 1 Set Switch	5-19	J6
SW9	Waste Toner Bottle Set Switch	5-20	B7
SW10	Left Door Switch	6-3	D5
SW11	Main Switch	6-4	E4
SW12	Front Door and Left Door Switch	6-7	D1
SW13	Anti-condensation Heater Switch	6-9	E4
Clutches			
MC1	By-pass Feed Clutch	4-1	E7
MC2	Development Clutch-C	5-2	B7
MC3	Toner Supply Clutch-C	5-3	C7
MC4	Development Clutch-M	5-5	D7
MC5	Toner Supply Clutch-M	5-6	D7
MC6	Registration Clutch	5-7	F7
MC7	Tray 1 Paper Feed Clutch	5-8	E7
MC8	Tray 2 Paper Feed Clutch	5-10	E7
MC9	Toner Supply Clutch-Y	5-24	C7
MC10	Development Clutch-Y	5-25	B7
MC11	Toner Supply Clutch-K	5-26	C7
MC12	Fusing Clutch	5-28	C5
MC13	Development Clutch-K	5-32	B7
Solenoids			
SOL1	Air Flow Valve Solenoid – M	2-9	F7
SOL2	Air Flow Valve Solenoid – C	2-10	F7
SOL3	Air Flow Valve Solenoid – Y	2-12	F7
SOL4	Air Flow Valve Solenoid – K	2-14	F7
SOL5	By-pass Pick-up Solenoid	4-2	E7
SOL6	Grip Roller Release Solenoid	4-5	F7
SOL7	Exit Junction Gate Solenoid	5-29	C5
SOL8	Oil Supply Unit Solenoid	6-1	C5
Lamps			
L1	Pressure Roller Fusing Lamp	3-5	C4
L2	Heating Roller Fusing Lamp	3-10	C4
Thermistors			
TH1	Thermistor 2	1-8	G5
TH2	Thermistor 1	1-15	G5
TH3	Pressure Roller Thermistor	3-7	D4
TH4	Heating Roller Thermistor	3-8	D4
Thermofuse/Stat			
THO1	Pressure Roller Thermofuse	3-6	C4
THO2	Heating Roller Thermostat	3-9	C4
H1	Anti-condensation Heater	6-8	E4



CF EXPANDER (G367) ELECTRICAL COMPONENT LAYOUT



Symbol	Name	Index No.	P to P
Sensor			
S1	Scanner Home Position	1	G2
S2	Platen Cover	3	G2
S3	Original Length 1	4	F3
S4	Original Length 2	6	F3
S5	Original Width	10	F3
PCBs			
PCB1	SBU (Sensor Board Unit)	7	E3
PCB2	Scanner PSU (Power Supply Unit)	2	E6
PCB3	LCD Controller	11	C8
PCB4	Right Operation Panel Board	9	D10
PCB5	Left Operation Panel Board	14	D7
PCB6	LCD	12	B8
PCB7	Touch Panel	13	A8
PCB8	Lamp Stabilizer	8	F5
Motor			
M1	Scanner Drive	5	F4
Lamp			
L1	Exposure	15	G5
Heater			
H1	Optics Anti-condensation (Option)	16	F6