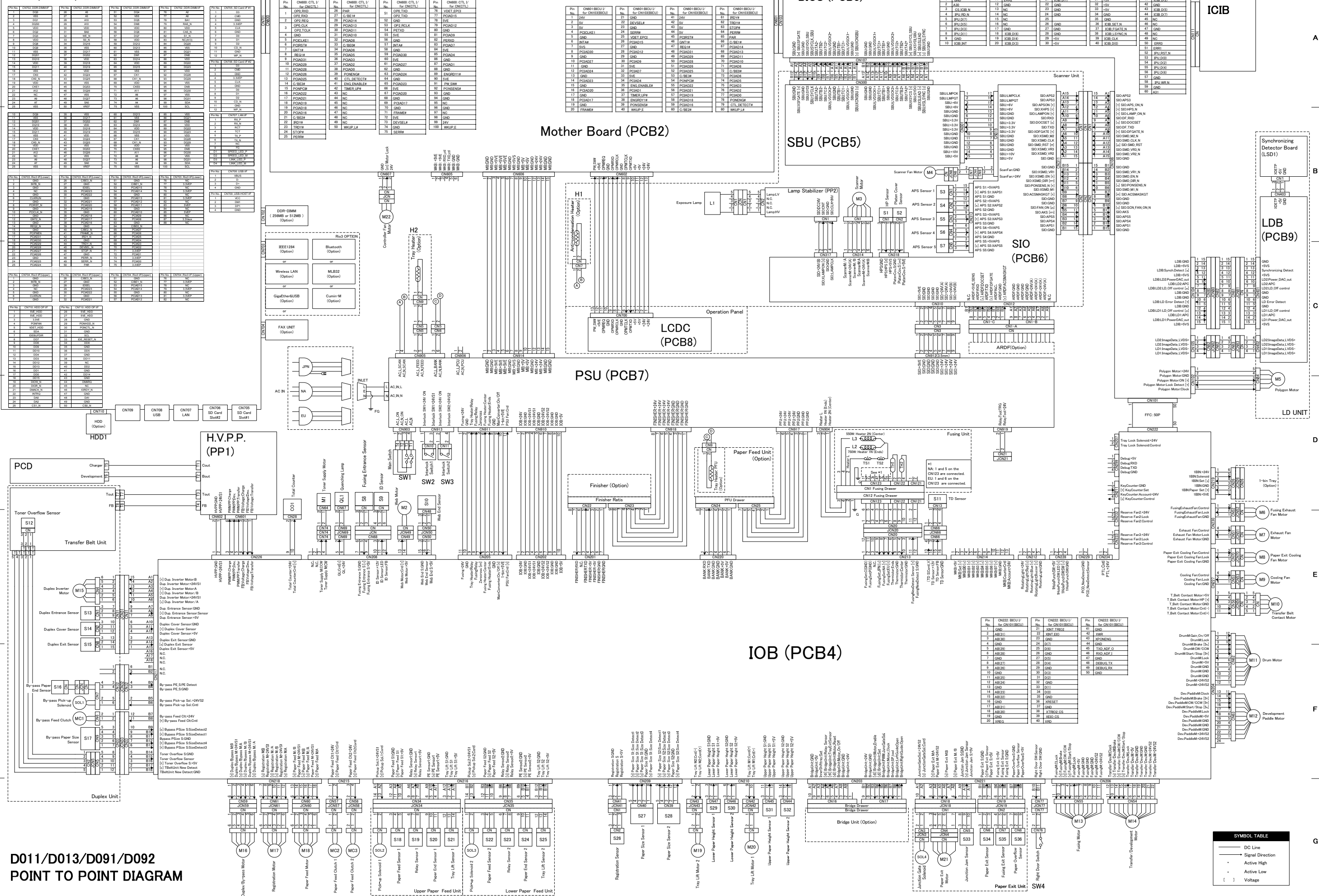
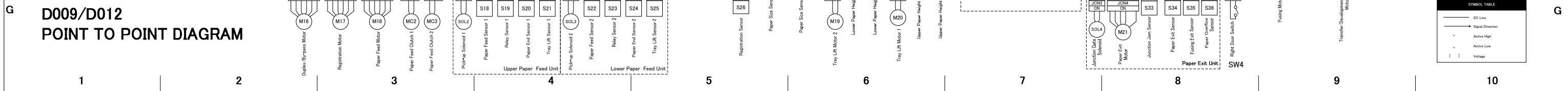


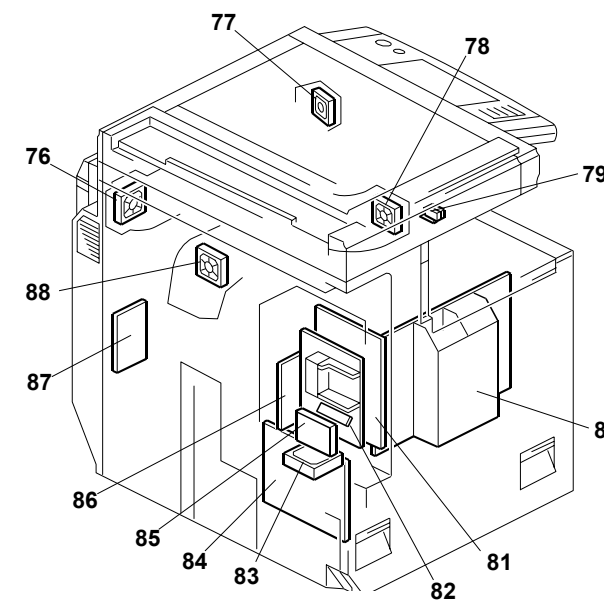
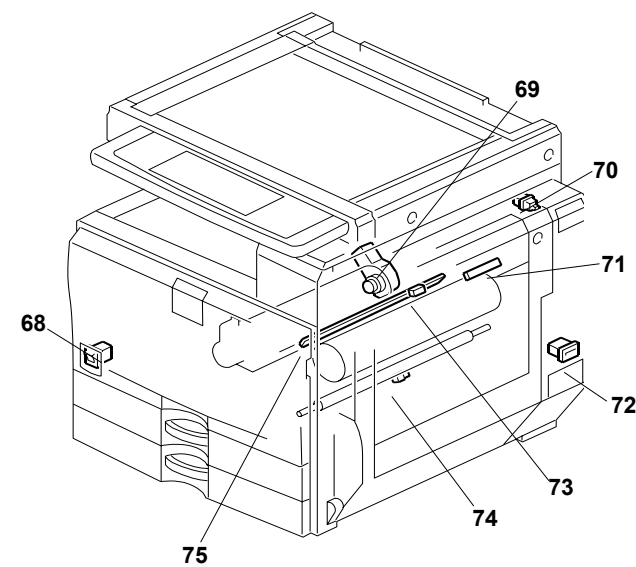
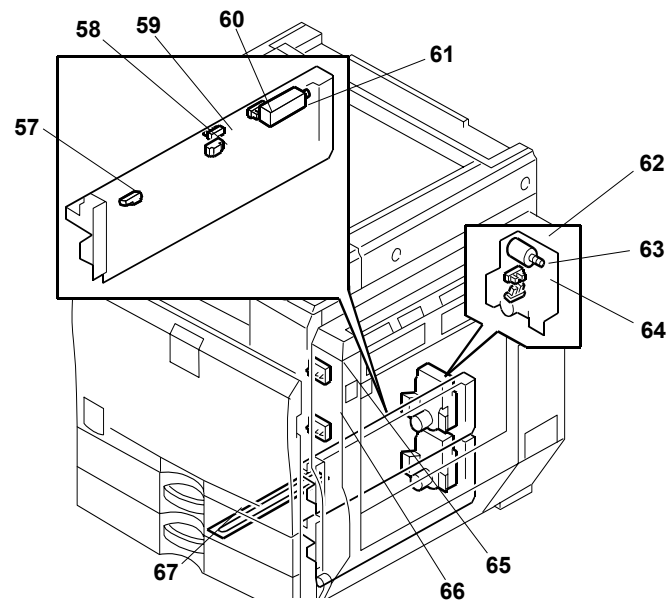
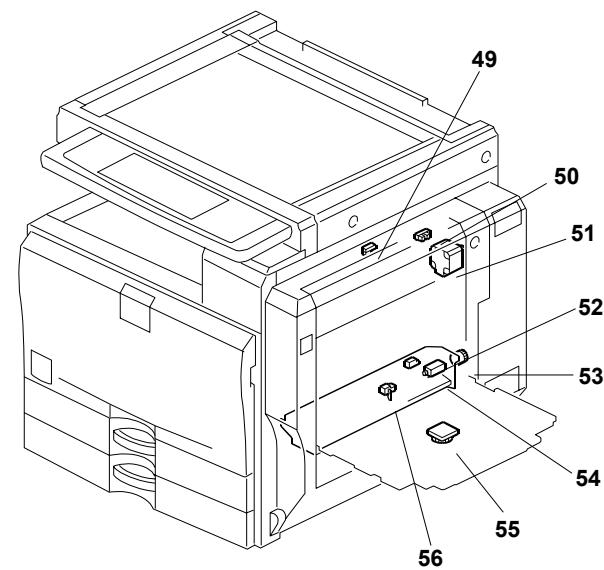
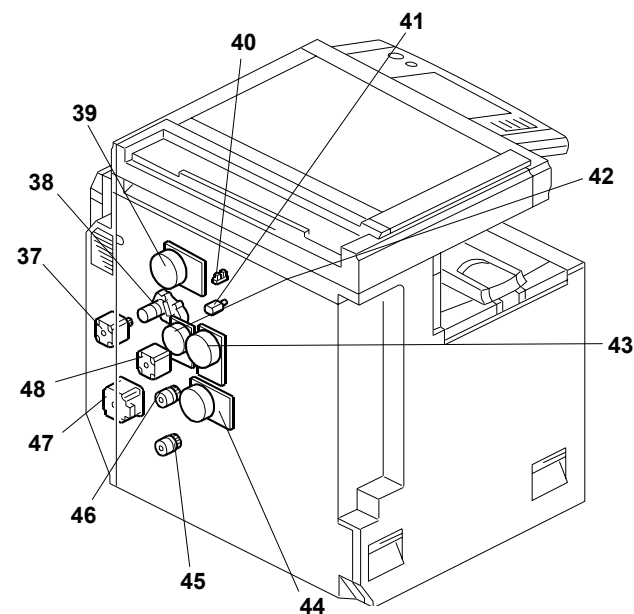
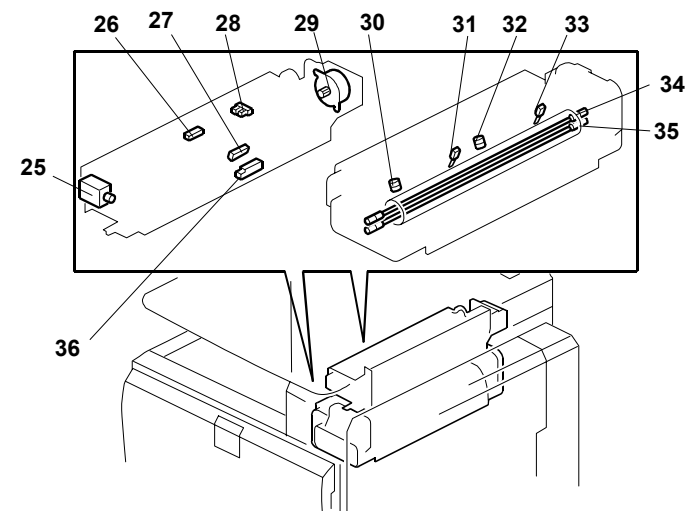
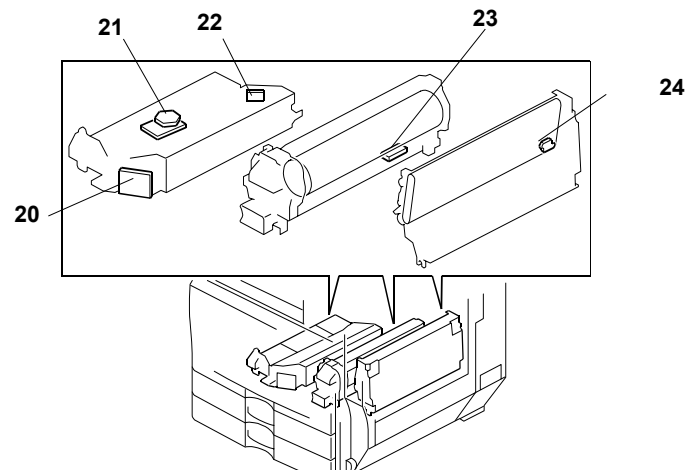
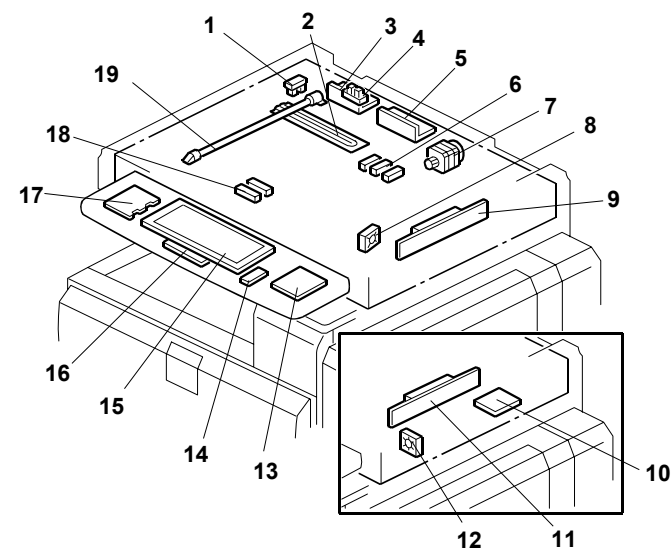
CTL (PCB1)



D011/D013/D091/D092
POINT TO POINT DIAGRAM



D009/D011/D012/D013/D091/D092
ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Lamp			
L1	19	Exposure Lamp	B6
L2	34	Fusing Lamp (Ends)	D7
L3	35	Fusing Lamp (Center)	D7
Magnetic Clutches			
MC1	53	By-pass Feed Clutch	F1
MC2	46	Paper Feed Clutch 1	G3
MC3	45	Paper Feed Clutch 2	G3
Motors			
M1	69	Toner Supply Motor	D3
M2	41	Web Motor	E4
M3	7	Scanner Motor	B7
M4	8	Scanner Fan Motor (Color)	B8
	12	Scanner Fan Motor (Mono.)	B8
M5	21	Polygon Mirror Motor	D10
M6	77	Fusing Exhaust Fan Motor	E10
M7	88	Exhaust Fan Motor	E10
M8	77	Paper Exit Cooling Fan Motor	E10
M9	78	Cooling Fan Motor	E10
M10	38	Transfer Belt Contact Motor	E10
M11	44	Drum Motor	F10
M12	42	Development Paddle Motor	F10
M13	39	Fusing Motor	G9
M14	43	Transfer/Development Motor	G9
M15	51	Duplex Inverter Motor	E1
M16	37	Duplex/By-pass Motor	G2
M17	48	Registration Motor	G3
M18	47	Paper Feed Motor	G3
M19/20	62	Tray Lift Motor 1, 2	G6
	29	Paper Exit Motor	G8
M22	83	Controller Fan Motor	B3
PCB			
PCB1	82	Contorller Board	A1
PCB2	86	Mother Board	B5
PCB3	81	BICU	A7
PCB4	84	IOB	F6
PCB5	9	SBU (Color)	B7
	11	SBU (Mono.)	B7
PCB6	5	SIO	C8
PCB7	80	PSU	D5
PCB8	16	LCDC	C6
PCB9	20	LDB	B10
PCB10	10	SCNB (Mono. only)	B7
-	14	LCD Back Light Driver	-
-	13	OPU - R	-
-	17	OPU - L	-
Power Packs			
PP1	87	High Voltage Power Pack	D2
PP2	3	Lamp Stabilizer	B7/B6
QL			
QL1	75	Quenching Lamp	D3

Symbol	Index No.	Description	P to P
Sensors			
S1	1	Scanner HP Sensor	B7
S2	4	Platen Cover Sensor	B7
S3/4	18	Original Width Sensor 1, 2	B8
S5/6/7	6	Original Length Sensor 1, 2, 3	B8
S8	73	Fusing Entrance Sensor	D3
S9	71	ID Sensor	D3
S10	40	Web End Sensor	E4
S11	23	TD Sensor	E8
S12	24	Toner Overflow Sensor	E1
S13	49	Duplex Entrance Sensor	E1
S14	50	Duplex Cover Sensor	E1
S15	52	Duplex Exit Sensor	F1
S16	56	By-pass Paper End Sensor	F1
S17	55	By-pass Paper Size Sensor	F1
S18/22	57	Paper Feed Sensor 1, 2	G4
S19/23	58	Relay Sensor 1, 2	G4
S20/24	59	Paper End Sensor 1, 2	G4/G5
S21/25	60	Tray Lift Sensor 1, 2	G4/G5
S26	74	Registration Sensor	G5
S27	65	Paper Size Sensor 1	G5
S28	66	Paper Size Sensor 2	G6
S29	63	Lower Paper Height Sensor 1	G6
S30	64	Lower Paper Height Sensor 2	G6
S31	63	Upper Paper Height Sensor 1	G6
S32	64	Upper Paper Height Sensor 2	G6
S33	27	Junction Jam Sensor	G8
S34	26	Paper Exit Sensor	G8
S35	36	Fusing Exit Sensor	G8
S36	28	Paper Overflow Sensor	G8
Solenoids			
SOL1	54	By-pass Pick-up Solenoid	F1
SOL2/3	61	Pick-up Solenoid 1, 2	G3
SOL4	25	Junction Gate Solenoid	G4
Switches			
SW1	68	Main Power Switch	D4
SW2/3	79	Interlock Switch 1, 2	D4
SW4	70	Right Door Switch	D4
Others			
CO1	72	Total Counter	E3
H1	2	Anti-Condensation Heater	B5
H2	67	Tray Heater	B4
HDD1	85	HDD	D1
TH1	33	Thermistor 1 (End)	D7
TH2	31	Thermistor 2 (Center)	D7
TS1	30	Thermostat 1 (199°C)	D7
TS2	32	Thermostat 2 (200°C)	D7
LSD1	22	Laser Synchronization Detector	B10