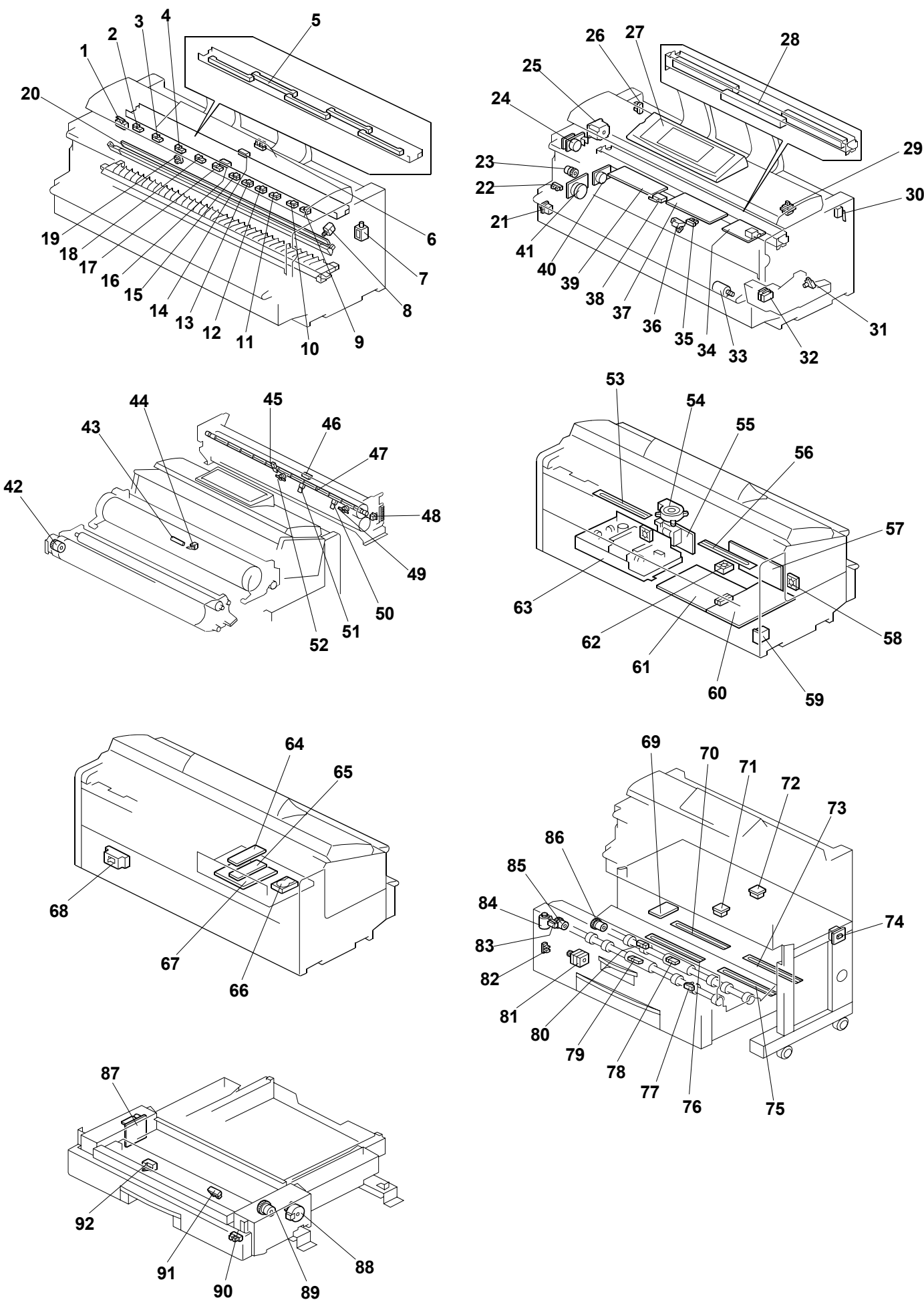


ELECTRICAL COMPONENT LAYOUT (B286/B289)

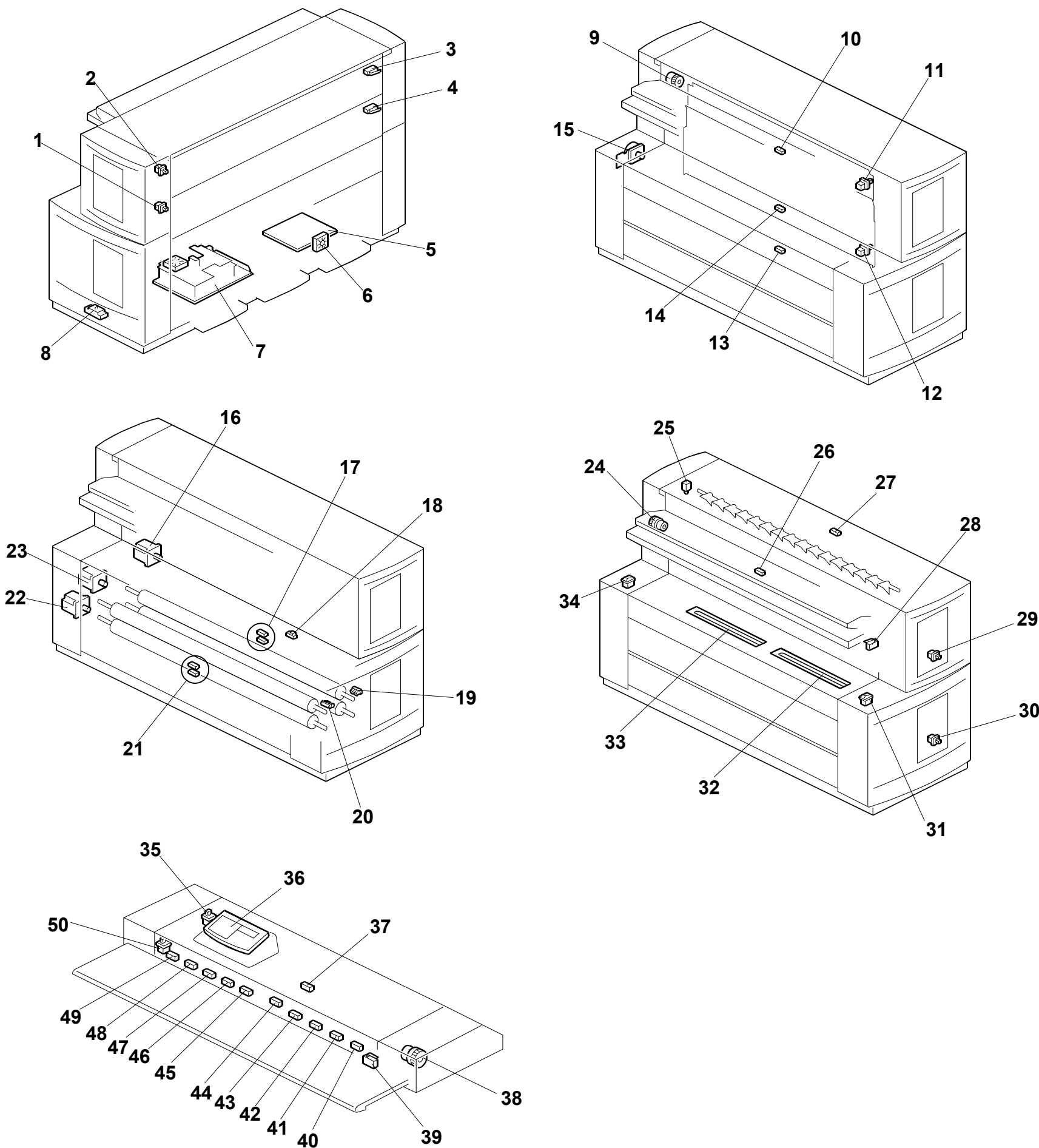


Symbol	Index No.	Description	P to P
CIS			
CIS1 - 5	5	CIS 1 - 5 (Contact Image Sensor)	F5-8 (1/2)
Lamp			
L1	47	Fusing Lamp	A2 (1/2)
LPH			
LPH1 - 3	28	LPH1 - 3 (LED Print Head)	E1-3 (1/2)
Magnetic Clutches			
MC1	89	Cassette Feed Clutch	A5 (1/2)
MC2	23	Paper Registration Clutch	D3 (1/2)
MC3	85	Roll Feed Clutch 1	B9 (1/2)
MC4	86	Roll Feed Clutch 2	B9 (1/2)
MC5	42	Toner Supply Clutch	B4 (1/2)
Motors			
M1	88	Cassette Feed Motor	A5 (1/2)
M2	54	Cooling Fan Motor	D3 (1/2)
M3	84	Cutter Motor	B9 (1/2)
M4	24	Drum Motor	B6 (1/2)
M5	40	Fusing Motor	B6 (1/2)
M6	41	Main Motor	B6 (1/2)
M7	58	PCB Cooling Fan Motor1	D2 (1/2)
M8	62	PCB Cooling Fan Motor2	D2 (1/2)
M9	81	Roll Feed Motor	B9 (1/2)
M10	25	Scanner Motor	C1 (1/2)
M11	33	Used Toner Bottle Motor	B6 (1/2)
M12	8	Wire Cleaner Motor	B6 (1/2)
PCB			
PCB1	60	IPU (Image Processing Unit)	E4 (1/2)
PCB2	61	MCU (Main Control Unit)	C4 (1/2)
PCB3	27	Operation Panel	D4 (1/2)
PCB4	63	PSU (Power Supply Unit)	A1 (1/2)
PCB5	69	RFDB (Roll Feed Drive Board)	B8 (1/2)
PCB6	87	SFDB (Sheet Feed Drive Board)	A6 (1/2)
PCB7	37	SIB (Scanner Interface Board)	E6 (1/2)
PCB8	57	Mother Board	F4 (1/2)
PCB9	39	VDB (Video Drive Board)	E1 (1/2)
PCB10	67	Controller Board	C13 (2/2)
PCB11	64	Interface Board	B11 (2/2)
PCB12	65	File Format Converter (MLB)	B11 (2/2)
Power Packs			
PP1	34	CGB Power Pack	D6 (1/2)
PP2	55	T&S Power Pack	D6 (1/2)
QL			
QL1 - 3	20	Quenching Lamp (1:Left, 2:Center, 3:Right)	B5 (1/2)

Symbol	Index No.	Description	P to P
Others			
CO1	59	Recycle Counter	D5 (1/2)
H1	75	Dehumidifier 1 (Front/Right)	A4 (1/2)
H2	76	Dehumidifier 2 (Front/Left)	A4 (1/2)
H3	70	Dehumidifier 3 (Rear/Right)	A4 (1/2)
H4	73	Dehumidifier 4 (Rear/Left)	A4 (1/2)
H5	56	Anti-Condensation Heater (Left)	A3 (1/2)
H6	53	Anti-Condensation Heater (Right)	A3 (1/2)
HDD1	66	HDD	B14 (2/2)
TH1	45	Hot Roller Thermistor	A3 (1/2)
TH2	50	Pressure Roller Thermistor 1 (End)	A3 (1/2)
TH3	51	Pressure Roller Thermistor 2 (Center)	A3 (1/2)
TS1	52	Thermostat 1 (199°C)	A2 (1/2)
TS2	49	Thermostat 2 (200°C)	A2 (1/2)
CB1	68	Circuit Breaker	B1 (1/2)

Symbol	Index No.	Description	P to P
Sensors			
S1	91	Cassette End Sensor	A5 (1/2)
S2	90	Cassette Set Sensor	A5 (1/2)
S3	26	Exit Cover Sensor	B4 (1/2)
S4	46	Fusing Exit Sensor	B5 (1/2)
S5	43	ID Sensor	B5 (1/2)
S6	14	Original Exit Sensor	D7 (1/2)
S7	16	Original Registration Sensor	D7 (1/2)
S8	17	Original Set Sensor (A4/8.5" SEF)	D7 (1/2)
S9	10	Original Width Sensor (A0/34")	E8 (1/2)
S10	12	Original Width Sensor (A1/22")	E8 (1/2)
S11	13	Original Width Sensor (A2/17")	D8 (1/2)
S12	15	Original Width Sensor (A3/11")	D8 (1/2)
S13	9	Original Width Sensor (914mm/36")	E8 (1/2)
S14	11	Original Width Sensor (30")	E8 (1/2)
S15	2	Original Width Sensor (B1/24")	D7 (1/2)
S16	3	Original Width Sensor (B2/18")	D7 (1/2)
S17	4	Original Width Sensor (B3/12")	D7 (1/2)
S18	18	Original Width Sensor (B4/9")	D7 (1/2)
S19	6	Paper Exit Selection Sensor	D3 (1/2)
S20	35	Paper Registration Sensor	B4 (1/2)
S21	36	Paper Set Sensor	B4 (1/2)
S22	92	Relay Sensor	A5 (1/2)
S23	80	RF Exit Sensor	A9 (1/2)
S24	82	RF Set Sensor	A9 (1/2)
S25	71	Roll End Sensor 1	A9 (1/2)
S26	72	Roll End Sensor 2	A9 (1/2)
S27	79	Roll End Sensor 3	A9 (1/2)
S28	78	Roll End Sensor 4	A9 (1/2)
S29	31	Toner Overflow Sensor	B4 (1/2)
S30	22	Upper Unit Sensor	D2 (1/2)
S31	19	Wire Cleaner Sensor	B5 (1/2)
Solenoids			
SOL1	7	Paper Junction Gate Solenoid	D3 (1/2)
SOL2	44	Pick-Off Pawl Solenoid	B5 (1/2)
Switches			
SW1	74	Dehumidifier Switch	A3 (1/2)
SW2	30	Exit Cover Switch	B3 (1/2)
SW3	21	Main Power Switch	B1 (1/2)
SW4	29	Scanner Stop Switch	D3 (1/2)
SW5	1	Scanner Switch	C2 (1/2)
SW6	38	Toner Hopper Cover Switch	B3 (1/2)
SW7	32	Upper Unit Switch 1	B3 (1/2)
SW8	32	Upper Unit Switch 2	B3 (1/2)
SW9	83	Left Cutter HP Switch	A9 (1/2)
SW10	77	Right Cutter HP Switch	B9 (1/2)
SW11	48	Exit Unit Switch	D4 (1/2)

ELECTRICAL COMPONENT LAYOUT (B889/D333)



Symbol	Index No.	Description	P to P
Boards			
PCB1	5	MCU	D4
PCB2	7	PSU	A2
PCB3	36	Operation Panel	C9
Motors			
M1	23	Fan Fold Motor	E9
M2	22	Fan Fold Plate Motor (F)	D9
M3	16	Fan Fold Plate Motor (R)	E9
M4	6	PCB Fan	F7
M5	15	Transport Motor	D1
Sensors			
S1	17	Fan Fold Sensor: Emitter (R1)	F3
		Fan Fold Sensor: Receptor (R2)	F4
S2	20	Fan Fold Plate HP Sensor (F)	F2
S3	19	Fan Fold Plate HP Sensor (R)	F2
S4	21	Fan Fold Sensor: Emitter (F1)	F4
		Fan Fold Sensor: Receptor (F2)	F4
S5	13	Fan Folder Entrance Sensor	E1
S6	26	Folder Unit Entrance Sensor	F5
S7	18	Folder Unit Exit Sensor	F2
S8	10	Relay Sensor 1	F3
S9	14	Relay Sensor 2	F2
S10	27	Straight-Through Sensor	F5
S11	44	Paper Set Sensor (A4 SEF /8.5"9")	A8/A6
S12	40	Paper Width Sensor (36")	A7
S13	41	Paper Width Sensor (24")	A8
S14	42	Paper Width Sensor (18")	A7
S15	43	Paper Width Sensor (12")	A7
S16	48	Paper Width Sensor (30")	A7
S17	49	Paper Width Sensor (A0 SEF/34")	A8/A7
S18	47	Paper Width Sensor (A1 SEF/22")	A8/A7
S19	46	Paper Width Sensor (A2 SEF/17")	A8/A7
S20	45	Paper Width Sensor (A3 SEF/11")	A8/A6
S21	37	Relay Sensor	D9
Solenoid			
SOL1	25	Junction Gate Solenoid	F6

Symbol	Index No.	Description	P to P
Switches			
SW1	31	Heater SW	B1
SW2	34	Main Power SW	A2
SW3	28	N1 Guide MSW	B6
SW4	29	N2 Knob Door SW	F6
SW5	3	N3 Door MSW	B5
SW6	2	N3 Door Push SW	F5
SW7	4	N5 Door MSW	B5
SW8	1	N5 Door Push SW	F6
SW9	12	N6 Guide SW (L)	F6
SW10	11	N6 Guide SW (U)	F6
SW11	30	N7 Knob Door SW	F6
SW12	35	Transport Cover Push SW	C9
SW13	39	Feed Cover MSW	A6
SW14	50	Feed Cover Push SW	B7/B8
Clutches			
MC1	24	Paper Entrance Clutch	F5
MC2	9	Vertical Transport Clutch	F7
MC3	38	Paper Feed Clutch	D9
Other			
H1	33	Anti-Condensation Heater 1 (Front Left)	C1
H2	32	Anti-Condensation Heater 2 (Front Right)	C1
CB1	8	Circuit Breaker	B1