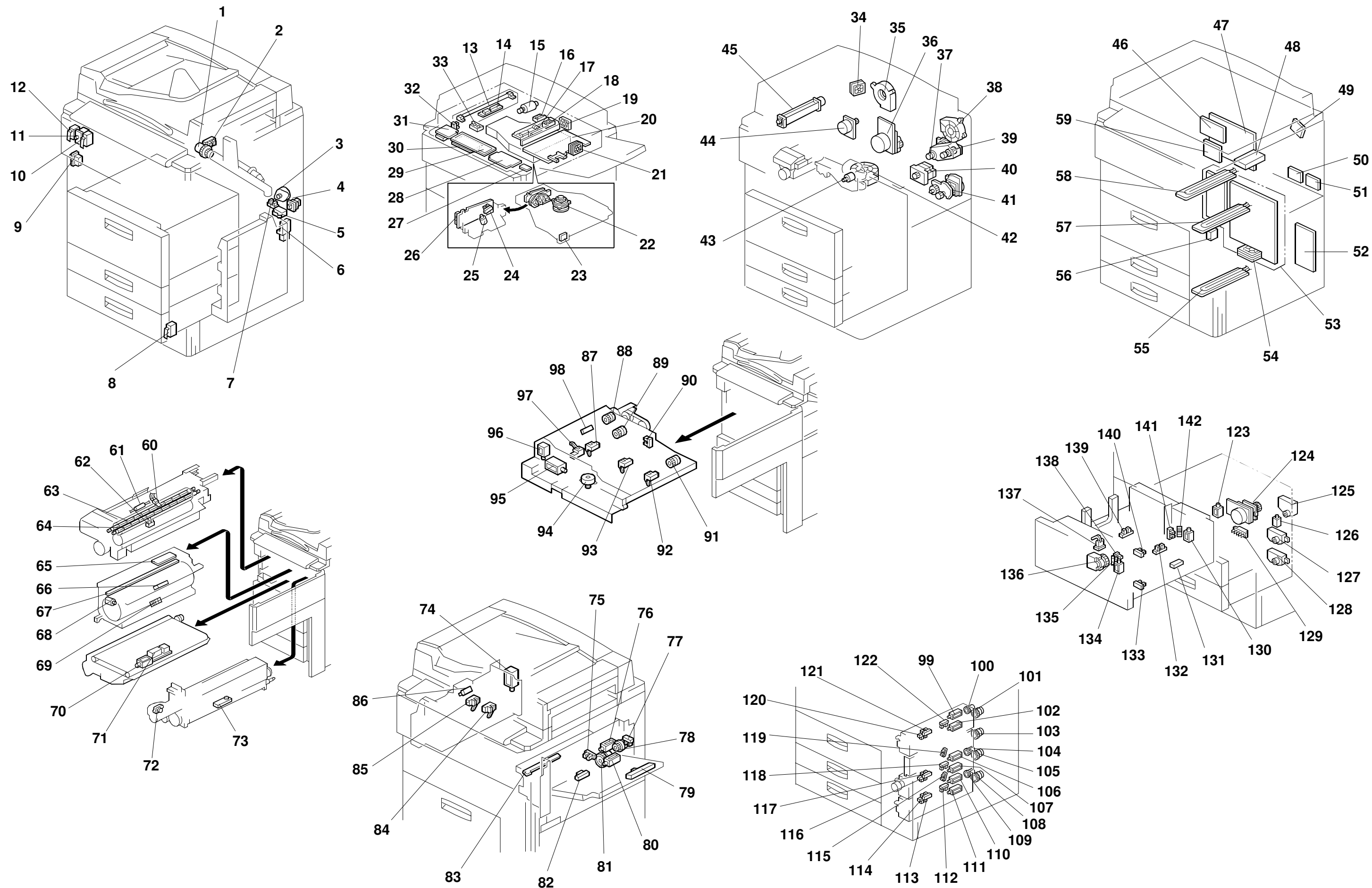


COPIER (A293) ELECTRICAL COMPONENT LAYOUT (1/2)



COPIER (A293) ELECTRICAL COMPONENT LAYOUT (2/2)

Symbol	Name	Index No.	P to P
Motors			
M1	Scanner	15	C11
M2	Polygonal Mirror	22	B11
M3	LD Positioning	25	G11
M4	Drum	36	C5
M5	Development	37	C7
M6	Toner Supply	43	G7
M7	Charge Corona Wire Cleaner	68	H5
M8	Fusing/Duplex	44	C4
M9	Toner Collection	3	D1
M10	Toner Recycling	6	G9
M11	Paper Feed	124	G1
M12	1st Tray Lift	125	F1
M13	2nd Tray Lift	126	F1
M14	3rd Tray Lift	127	F1
M15	By-pass Feed	41	C7
M16	Registration	40	C6
M17	Rear Fence	136	H1
M18	Jogger	94	G8
M19	Optics Cooling Fan	21	G4
M20	Drum Cooling Fan	38	G7
M21	Exhaust Fan	37	G4
M22	Fusing Fan	34	G4
M23	Duplex Cooling Fan	42	G6
M24	Exit Cooling Fan	45	G4
M25	PSU Cooling Fan	54	B3
M26	SBU Cooling	19	G10
Magnetic Clutches			
MC1	Toner Supply	39	C7
MC2	Toner Recycling	1	G6
MC3	1st Paper Feed	100	C1
MC4	2nd Paper Feed	104	D1
MC5	3rd Paper Feed	109	D1
MC6	By-pass Feed	78	G10
MC7	Inverter Exit Clutch	88	G7
MC8	Duplex Transport	89	G7
MC9	Duplex Feed	91	G7
MC10	1st Vertical Relay	101	C1
MC11	2nd Vertical Relay	105	D1
MC12	3rd Vertical Relay	108	D1
MC13	Bank Relay	103	C1
MC14	Relay	81	G9

Symbol	Name	Index No.	P to P
Switches			
SW1	Main Power	9	A4
SW2	Operation	27	A6
SW3	Front Door Safety Switch 1	10	A11
SW4	Front Door Safety Switch 2	11	C5
SW5	Front Door Safety Switch 3	12	A11
SW6	Lower Front Door Safety	8	G1
SW7	Toner Collection Bottle Set	5	E1
SW8	Toner Overflow	4	E1
SW9	Paper Size	3	E1
Solenoids			
SOL1	Transfer Belt Lift	70	G6
SOL2	1st Pick-up	99	A1
SOL3	2nd Pick-up	106	B1
SOL4	3rd Pick-up	110	C1
SOL5	By-pass Pick-up	76	G10
SOL6	1st Separation Roller	102	C1
SOL7	2nd Separation Roller	107	D1
SOL8	3rd Separation Roller	111	D1
SOL9	Right Tray Lock	126	F1
SOL10	Left Tray Lock	123	F1
SOL11	Front Side Fence	134	H3
SOL12	Rear Side Fence	130	H3
SOL13	Duplex Inverter Gate	96	G7
SOL14	Reverse Roller	95	G7
SOL15	Guide Plate	80	G9
SOL16	Inverter Gate	74	G4

Symbol	Name	Index No.	P to P
Sensors			
S1	Scanner HP	32	D11
S2	Original Width	33	D11
S3	Original Length 1	16	D11
S4	Original Length 2	18	D11
S5	LD Unit Home Position	24	G10
S6	Drum Potential	66	H5
S7	Toner Density (TD)	73	G9
S8	Image Density (ID)	69	H5
S9	Toner End	72	G9
S10	Toner Collection Motor	7	E1
S11	Toner Recycling	2	G7
S12	1st Paper Feed	120	A1
S13	2nd Paper Feed	116	B1
S14	3rd Paper Feed	114	B1
S15	1st Tray Lift	122	A1
S16	2nd Tray Lift	118	B1
S17	3rd Tray Lift	112	B1
S18	1st Paper End	121	A1
S19	2nd Paper End	117	B1
S20	3rd Paper End	113	B1
S21	By-pass Paper End	77	G10
S22	1st Paper Near End	140	H3
S23	2nd Paper Near End	119	F1
S24	3rd Paper Near End	114	F1
S25	Rear Fence HP	139	H1
S26	Rear Fence Return	132	H1
S27	Front Side Fence Open	135	G3
S28	Front Side Fence Close	138	G3
S29	Rear Se Fence Open	142	G3
S30	Rear Side Fence Close	141	G3
S31	Right Tray Down	133	H3
S32	Right Tray Paper	131	H3
S33	Left Tandem Tray Paper	137	H1
S34	Duplex Entrance Sensor	98	G8
S35	Duplex Inverter	97	G8
S36	Duplex Transport Sensor 1	87	G8
S37	Duplex Transport Sensor 2	93	G8
S38	Duplex Transport Sensor 3	92	G8
S39	Duplex Jogger HP	90	G8
S40	Relay	82	G10
S41	Registration	83	G10
S42	Guide Plate Position	75	G9
S43	Fusing Exit	62	A3
S44	1st Exit	84	G4
S45	2nd Exit	85	G4
S46	Tray Paper Limit (option)	86	G4

Symbol	Name	Index No.	P to P
PCBs			
PCB1	BICU	20	C8
PCB2	PSU	53	B4
PCB3	IOB	47	F11
PCB4	SBU	17	A7
PCB5	MCU	46	C10
PCB6	Lamp Regulator	14	C11
PCB7	CNB	59	D4
PCB8	DRB	50	D7
PCB9	Paper Feed Control Board (PFB)	52	B2
PCB10	Operation Panel 1	28	A6
PCB11	Operation Panel 2	31	A7
PCB12	LCD Control	30	B7
PCB13	By-pass Paper Size	79	G9
PCB14	Mother (Option)	–	B6
PCB15	Printer Control (Option)	–	G6
PCB16	Copy Connect	–	D10
PCB17	RSS Board	51	C11
Lamps			
L1	Exposure Lamps	13	C11
L2	Fusing Lamp 1	64	A3
L3	Fusing Lamp 2	63	A3
L4	Quenching	67	H5
Power Packs			
PP1	Charge	65	H5
PP2	Development	49	G7
PP3	Transfer	71	G6
Others			
TF1	Fusing Thermofuse	61	A3
TH1	Fusing Thermistor	60	A3
H1	Drum	58	A5
H2	Tray Heater 1	57	A5
H3	Tray Heater 2	55	A5
CB1	Circuit Breaker	56	A4
HDD 1	HDD	48	D7
LCD 1	LCD	29	B6
LSD 1	Laser Synchronization Detector	23	B11
LDU1	Laser Diode Unit	26	B10
TP1	Touch Panel	(31)	–

