CÓPIA NÃO CONTROLADA

A292/A293/B098 Point to Point Diagram

Rev 10/2002

CÓPIA NÃO CONTROLADA

FUSE		
FU101	12 A	
FU102	6.3 A	CN113-4P ACN117-1P
FU103	6.3 A	CN116-6P
FU104	6.3 A	CN116-11P
FU105	6.3 A	CN116-12P
FU106	6.3 A	CN116-13P
FU107	6.3 A	CN116-14P

BICU (CN313)									
1	GND	26	CND.11	51	RXD_CN				
2	GND	27	GND	52	GND				
3	GND	28	CND.12	53	5VE				
4	GND	29	CND.13	54	5VE				
5	5VE	30	CND.14	55	5VE				
6	5VE	31	CND.15	56	5VE				
7	5VE	32	GND	57	GND				
8	5VE	33	XKICK	58	GND				
9	GND	34	XCNFCO	59	GND				
10	XCNACK	35	XCNFOF	60	GND				
11	XLNRG	36	CNT.2						
12	GND	37	XCNWE						
13	CND.0	38	CNTRU						
14	CND.1	39	XRCCLR						
15	CND.2	40	XCNFER						
16	CND.3	41	XCNPER						
17	GND	42	XSCLR						
18	CND.4	43	GND						
19	CND.5	44	CLK_CN						
20	CND.6	45	GND						
21	CND.7	46	OE_CLK						
22	GND	47	XRST_B						
23	CND.8	48	GND						
24	CND.9	49	TXD_CN						
25	CND.10	50	GND						

BICU (CN307)									
1	GND	26	XDO.1						
2	XALLRST	27	GND						
3	GND	28	XDO.0						
4	VDSDO	29	GND						
5	GND	30	GND						
6	VDSDI	31	GND						
7	GND	32	GND						
8	SCLK	33	GND						
9	GND	34	XEGATE						
10	XVDCS	35	GND						
11	GND	36	XLGATE						
12	REFCLK	37	GND						
13	GND	38	XLSYNC						
14	XDE.3	39	GND						
15	GND	40	PCLK						
16	XDE.2	41	GND						
17	GND	42	XLDSYNC						
18	XDE.1	43	GND						
19	GND	44	LDOFF						
20	XDE0	45	GND						
21	GND	46	LDFBRO						
22	XDO.3	47	GND						
23	GND	48	PCLK						
24	XDO.2	49	LD2_OFF						
25	GND	50	LD2_OFF						

BICU (CN310)			
1	5VE	26	GND
2	5VE	27	GND
3	GND	28	GND
4	GND	29	GND
5	TXD-PRN	30	GND
6	TXD-PRN	31	GND
7	XFWRSYNC	32	GND
8	XWRSYNC	33	GND
9	XARFGAE	34	GND
10	XARLSYNC	35	GND
11	XARLGATE	36	GND
12	XARKD7	37	GND
13	XARKD6	38	GND
14	XARKD5	39	GND
15	XARKD4	40	GND
16	XARKD3		
17	XARKD2		
18	XARKD1		
19	XARKD0		
20	XARCLK		
21	5VE		
22	5VE		
23	XOEN		
24	GND		
25	GND		

BICU (CN303)-SBU (CN103)			
1	GND	26	GND
2	GND	27	SOUT_SBU
3	GND	28	GND
4	GND	29	SCLK_SBU
5	5V	30	GND
6	5V	31	XRD SYNC
7	5V	32	XSLFAD
8	5V	33	XSSCAN
9	5V	34	XVDSCAN
10	5V	35	GND
11	GND	36	GND
12	GND	37	12V
13	GND	38	12V
14	GND	39	12V
15	5V	40	12V
16	5V		
17	5V		
18	5V		
19	5V		
20	5V		
21	GND		
22	GND		
23	SIN_SBU		
24	GND		
25	XCS_SBU		

BICU (CN304)	
1	GND
2	GND
3	GND
4	RXINL- SBUF
5	RXINL+ SBUF
6	GND
7	GND
8	RXIN2-_SBUF
9	RXIN2+_SBUF
10	GND
11	GND
12	RXCLK- SBUF
13	RXCLK+ SBUF
14	GND
15	GND

BICU (CN305)	
1	GND
2	GND
3	GND
4	RXINL- SBUL
5	RXINL+ SBUL
6	GND
7	GND
8	RXIN2-_SBUL
9	RXIN2+_SBUL
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11	GND
12	RXCLK- SBUL
13	RXCLK+ SBUL
14	GND
15	GND

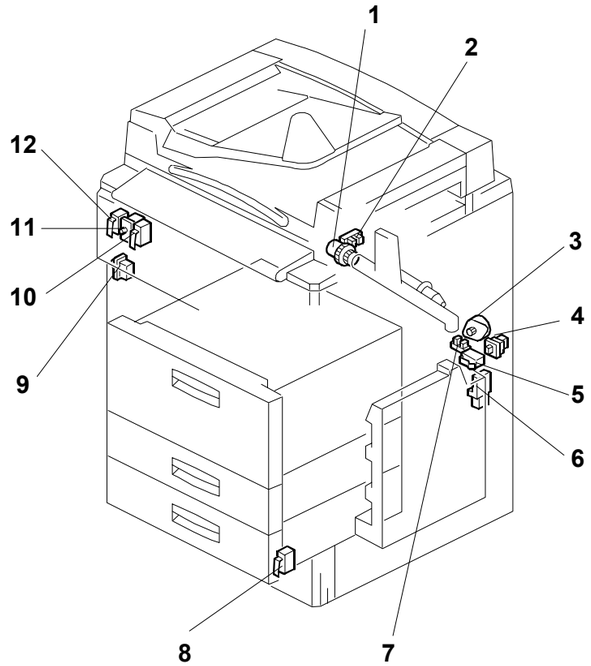
Signal Table

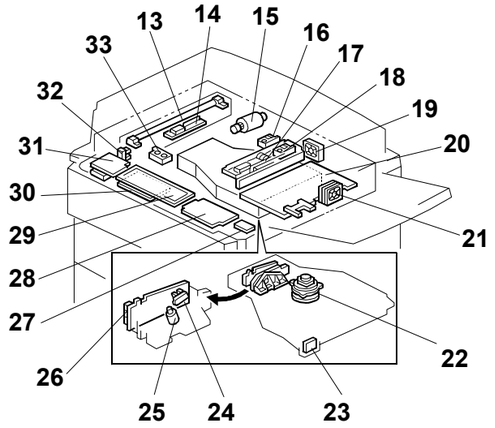
- AC Line
- DC Line
- Puls
- Signal Direction
- Signal Direction
- Ready Low
- Ready High
- Voltage

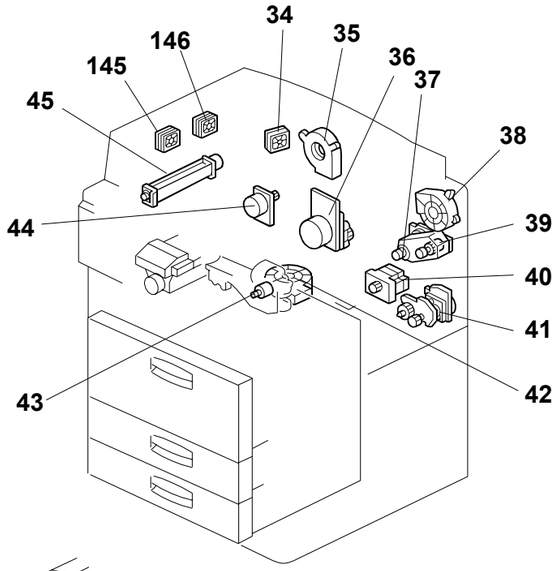
CÓPIA NÃO CONTROLADA

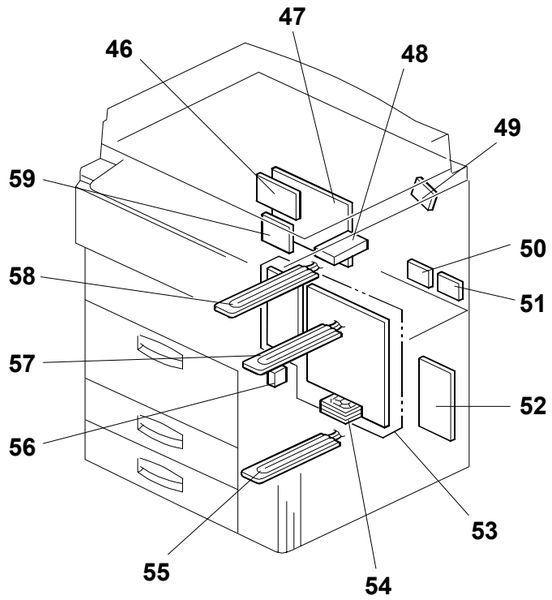
COPIER (A292/A293, B098) ELECTRICAL COMPONENT LAYOUT (1/2)

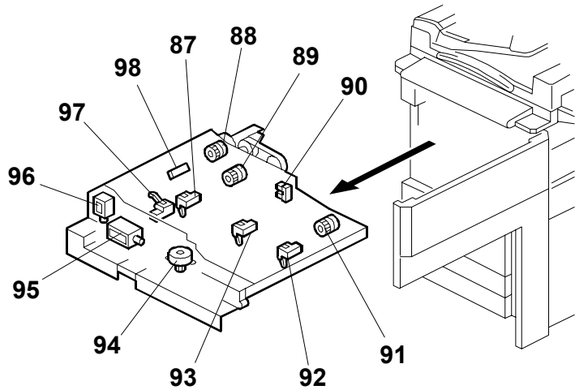
Rev. 10/2002

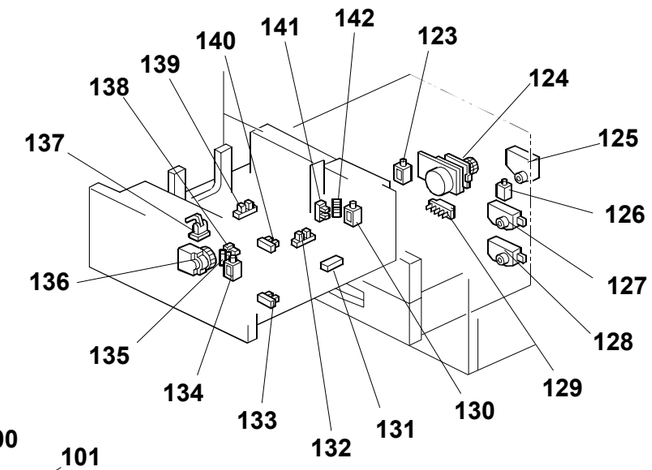


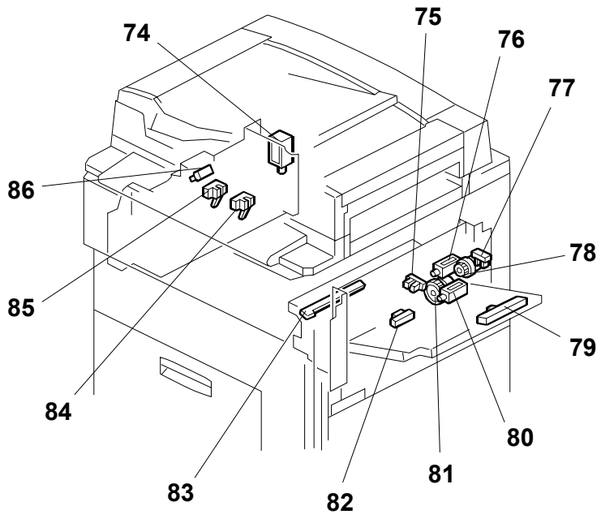


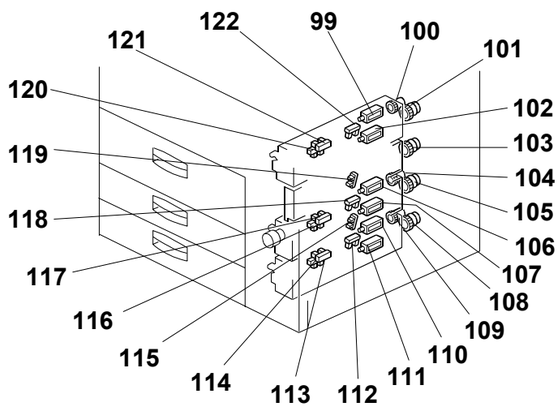












CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

COPIER (A292/A293, B098) ELECTRICAL COMPONENT LAYOUT (2/2)

Rev. 10/2002

Symbol	Name	Index No.	P to P
Motors			
M1	Scanner	15	C11
M2	Polygonal Mirror	22	B11
M3	LD Positioning (A292/A293)	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	127	F1
M14	3rd Tray Lift	128	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	35	G4
M22	Fusing Fan	34	G4
M23	Duplex Cooling Fan	42	G6
M24	Exit Cooling Fan (A292/A293)	45	G4
M25	PSU Cooling Fan	54	B3
M26	SBU Cooling	19	G10
M27	Exit Cooling Fan 1 (B098)	145	G5
M28	Exit Cooling Fan 2 (B098)	146	G5
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

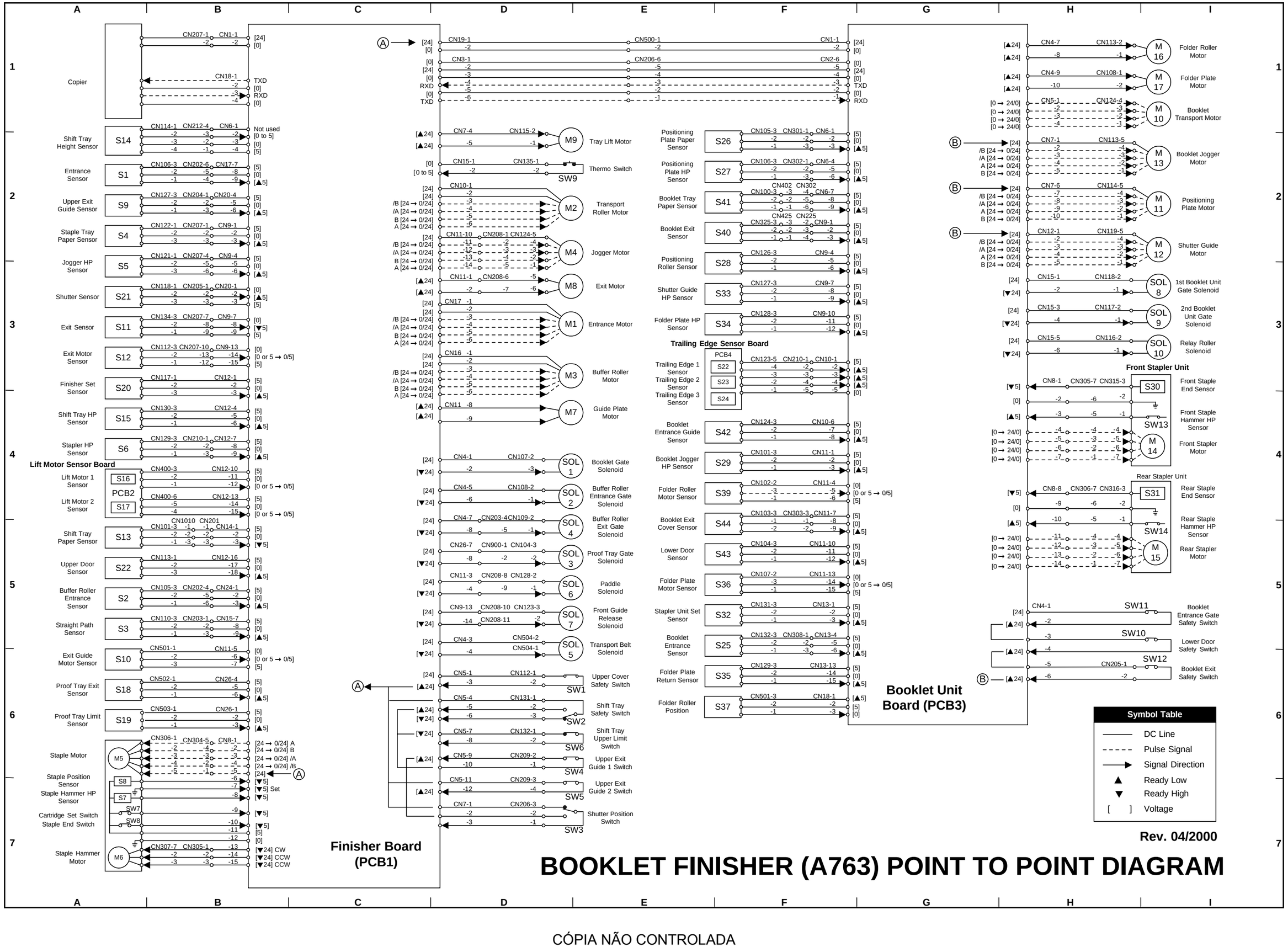
Symbol	Name	Index No.	P to P
Switches			
SW1	Main Power	9	A4
SW2	Operation	27	A6
SW3	Front Door Safety Switch 1	10	A11
SW4	Front Door Safety Switch 2	11	C5
SW5	Front Door Safety Switch 3	12	A11
SW6	Lower Front Door Safety	8	G1
SW7	Toner Collection Bottle Set	5	E1
SW8	Toner Overflow	4	E1
SW9	Paper Size	129	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 (A292/A293)	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	115	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 Side 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 (A292/A293)	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	(29)	–
TS1	Thermostat 1 (B098)	143	A3
TS2	Thermostat 2 (B098)	144	A3

CÓPIA NÃO CONTROLADA

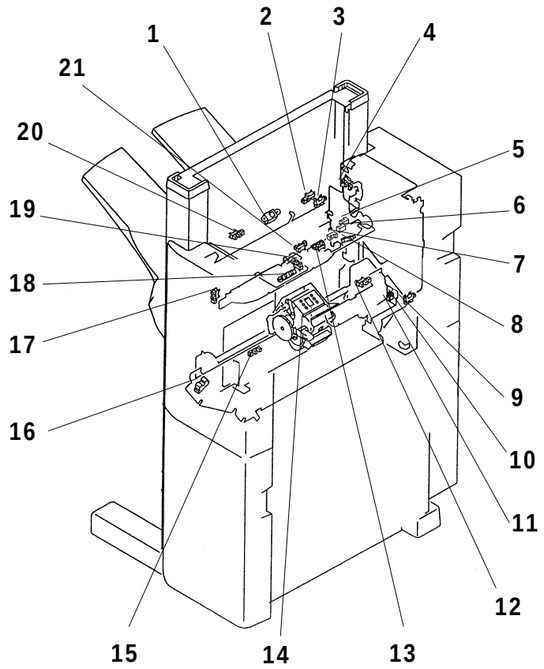
CÓPIA NÃO CONTROLADA

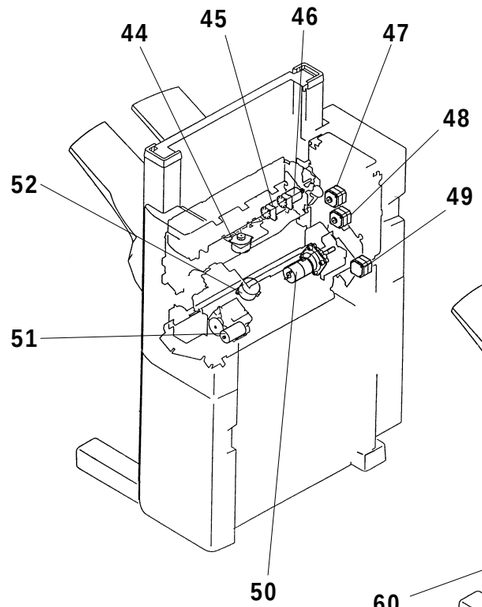


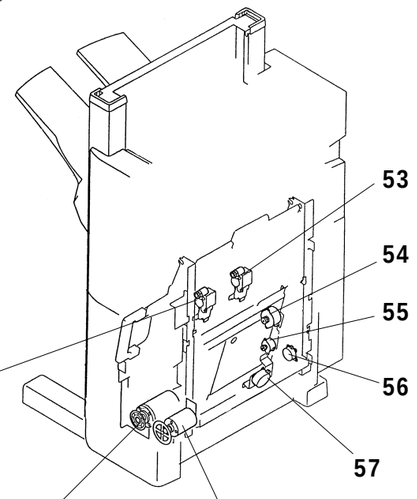
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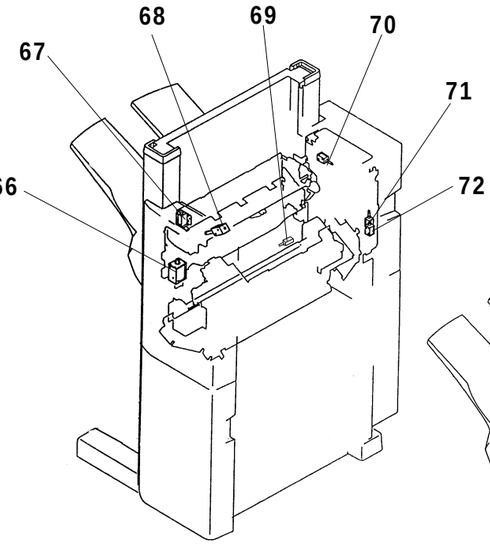
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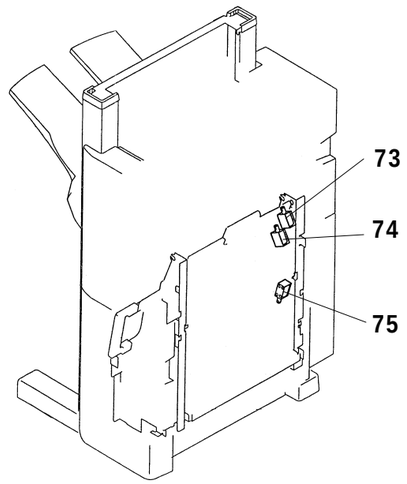
ELECTRICAL COMPONENT LAYOUT (A763) (1/2)

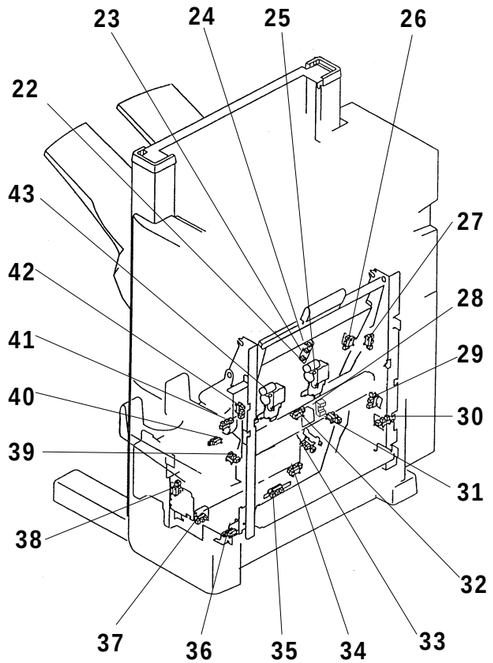


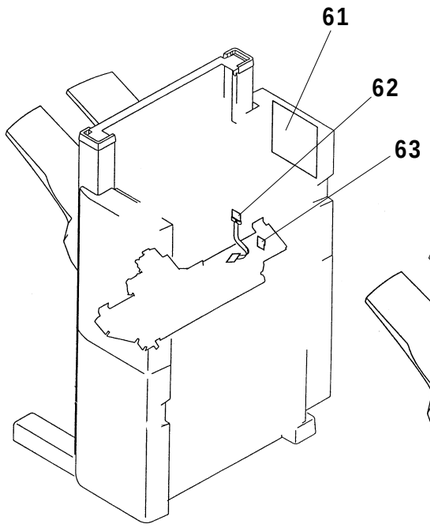


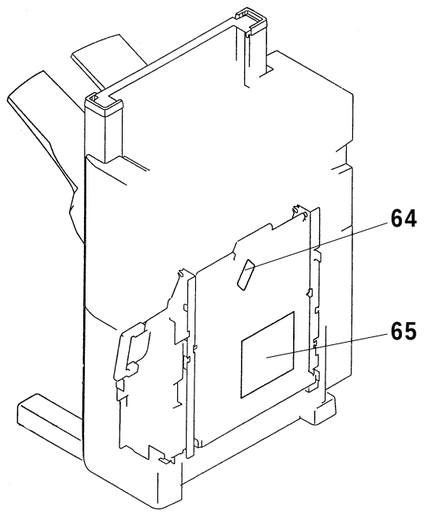


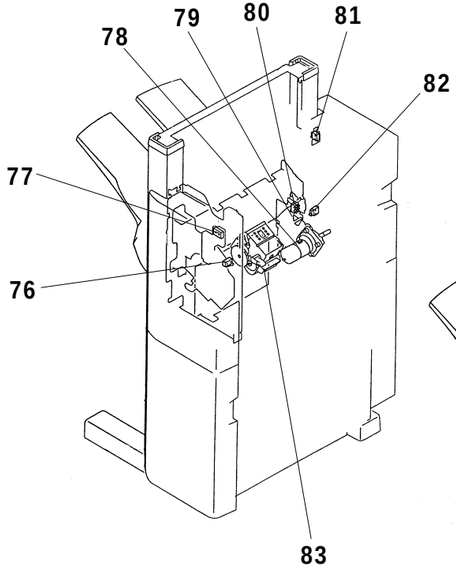


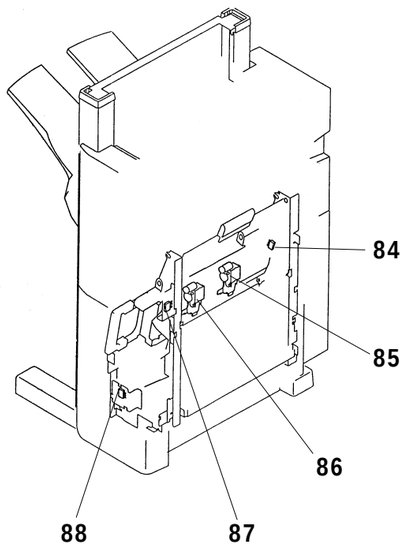












CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

ELECTRICAL COMPONENT LAYOUT (A763) (2/2)

Rev. 4/2000

Symbol	Name	Index No.	P to P
Motors			
M1	Entrance	49	E3
M2	Transport Roller	47	E2
M3	Buffer Roller	48	E3
M4	Jogger	44	E2
M5	Stapler	52	A6
M6	Staple Hammer	51	A7
M7	Guide Plate	46	E4
M8	Exit Motor	45	E3
M9	Tray Lift	50	E2
M10	Booklet Transport	56	I1
M11	Positioning Plate	54	I2
M12	Shutter Guide	55	I2
M13	Booklet Jogger	57	I2
M14	Front Stapler	60	I4
M15	Rear Stapler	53	I5
M16	Folder Roller	59	I1
M17	Folder Plate	58	I1

Symbol	Name	Index No.	P to P
Switches			
SW1	Upper Cover Safety	77	E6
SW2	Shift Tray Safety	82	E6
SW3	Shutter Position	76	E7
SW4	Upper Exit Guide 1	80	E6
SW5	Upper Exit Guide 2	79	E7
SW6	Shift Tray Upper Limit	81	E6
SW7	Cartridge Set	83	A7
SW8	Staple End	83	A7
SW9	Thermo	78	E2
SW10	Lower Door Safety	87	I5
SW11	Booklet Entrance Guide Safety	84	I5
SW12	Booklet Exit Safety	88	I6
SW13	Front Staple Hammer HP	86	I4
SW14	Rear Staple Hammer HP	85	I5

Symbol	Name	Index No.	P to P
Sensors			
S1	Entrance	3	A2
S2	Buffer Roller Entrance	2	A5
S3	Straight Path	21	A5
S4	Staple Tray Paper	8	A2
S5	Jogger HP	19	A3
S6	Stapler Unit HP		A4
S7	Staple Hammer HP	14	A7
S8	Staple Position	14	A7
S9	Upper Exit Guide	4	A2
S10	Exit Guide Motor	7	A6
S11	Exit	18	A3
S12	Exit Motor	13	A3
S13	Shift Tray Paper		A5
S14	Shift Tray height	1	A2
S15	Shift Tray HP	12	A4
S16	Lift Motor 1	11	A4
S17	Lift Motor 2	10	A4
S18	Proof Tray Exit	5	A6
S19	Proof Tray Limit	6	A6
S20	Finisher Set	20	A6
S21	Shutter	15	A3
S22	Trailing Edge 1	24	F3
S23	Trailing Edge 2	23	F3
S24	Trailing Edge 3	22	F4
S25	Booklet Entrance	32	F5
S26	Positioning Plate Paper	34	F2
S27	Positioning Plate HP	35	F2
S28	Positioning Roller	31	F3
S29	Booklet Jogger HP	39	F4
S30	Front Staple End	43	I3
S31	Rear Staple End	25	I4
S32	Stapler Unit Set	26	F5
S33	Shutter Guide HP	33	F3
S34	Folder Plate HP	29	F3
S35	Folder Plate Return	30	F6
S36	Folder Plate Motor	36	F5
S37	Folder Roller Position	28	F6

Symbol	Name	Index No.	P to P
Sensors			
S39	Folder Roller Motor	37	F4
S40	Booklet Exit	41	F2
S41	Booklet Tray Paper	40	F2
S42	Booklet Entrance Guide	27	F4
S43	Lower Door	42	F5
S44	Booklet Exit Cover	38	F5
S45	Upper Door	16	F6

Symbol	Name	Index No.	P to P
Solenoids			
SOL1	Booklet Gate	72	E4
SOL2	Buffer Roller Entrance Gate	71	E4
SOL3	Proof Tray Gate	70	E5
SOL4	Buffer Roller Exit Gate	68	E4
SOL5	Transport Belt	69	E5
SOL6	Paddle	67	E5
SOL7	Front Guide Release	66	E5
SOL8	1st Booklet Unit Gate	73	I3
SOL3	2nd Booklet Unit Gate	74	I3
SOL4	Relay Roller	75	I3
PCBs			
PCB1	Finisher	61	C7
PCB2	Lift Motor Sensor	63	A4
PCB3	Booklet Unit	65	G6
PCB4	Trailing Edge Sensor	64	F3
Others			
HR1	Stapler Interface	62	-

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

Rev. 04/2000

POINT TO POINT DIAGRAM (FINISHER 3,000: B312)

Copier
CN101-1 -2 -3 -4 -5 -6 CN102-2 -3 -4 -5
[24] 24V
[24] 24V
[24] 24V
[0] GND1
[0] GND1
[0] GND1
[0] GND2
TXD
[0] GND2
RXD

Front Door Safety Switch
SW1
CN103-1 -2
[24] 24V
[▲24] → A

Entrance Sensor
S1
CN254-1 -2 -3
CN104-6 -5 -4
[5] 5V
[▼5]
[0] GND2

Stapler Tray Entrance Sensor
S2
CN204-1 -2 -3
CN104-3 -2 -1
[5] 5V
[0] GND2
[▼5]

Upper Tray Exit Sensor
S12
CN205-1 -2 -3
CN106-6 -5 -4
[5] 5V
[0] GND2
[▼5]

Upper Tray Paper Limit Sensor
S13
CN205-1 -2 -3
CN255-1 -2 -3
CN105-3 -2 -1
[0] GND2
[▼5]
[5] 5V

Shift Tray Exit Sensor
S9
CN356-1 -2 -3
CN256-1 -2 -3
CN106-9 -8 -7
[0] GND2
[▼5]
[5] 5V

Paper Height 2 Sensor
S11
CN316-1 -2 -3
CN206-1 -2 -3
CN106-6 -5 -4
[5] 5V
[0] GND2
[▲5]

Paper Height 1 Sensor
S10
CN306-1 -2 -3
CN206-4 -5 -6
CN106-3 -2 -1
[5] 5V
[0] GND2
[▲5]

Shift Tray Lower Limit 1 Sensor
S15
CN267-1 -2 -3
CN107-10 -9 -8
[5] 5V
[▲5]
[0] GND2

Shift Tray Lower Limit 2 Sensor
S16
CN257-1 -2 -3
CN107-6 -5 -4
[5] 5V
[▲5]
[0] GND2

Shift Tray Half-turn Sensor
S14
CN307-1 -2 -3
CN207-1 -2 -3
CN107-3 -2 -1
[5] 5V
[▲5]
[0] GND2

Stack Feed-out Belt HP Sensor
S8
CN268-1 -2 -3
CN108-9 -8 -7
[5] 5V
[▲5]
[0] GND2

Jogger Fence HP Sensor
S3
CN258-1 -2 -3
CN108-6 -5 -4
[5] 5V
[▲5]
[0] GND2

Stapler Tray Paper Sensor
S4
CN308-1 -2 -3
CN208-1 -2 -3
CN108-3 -2 -1
[0] GND2
[▲5]
[5] 5V

Stapler HP Sensor
S5
CN259-1 -2 -3
CN109-6 -5 -4
[5] 5V
[▲5]
[0] GND2

Stapler Rotation HP Sensor
S6
CN309-1 -2 -3
CN209-1 -2 -3
CN109-3 -2 -1
[5] 5V
[▲5]
[0] GND2

Shift Tray Exit Plate HP Sensor
S19
CN225-3 -2 -1
CN125-1 -2 -3
[0] GND2
[▲5]
[5] 5V

Punch Board (PCB2)
CN121
CN600-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12
CN121-12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1
[▲5] Hopper Sensor
[▼5] Punch Unit Installed
[▲5] Punch HP Sensor
Punch Type 2
Punch Type 1
[▼5] Punch Motor ON
[▼5] CW
[0/5] CLK
[0] GND2
[5] 5V
[0] GND1
[24] 24V → A
[24] 24V
[24] 24V
[▼24] 0/24] A
[▼24] 0/24] /A
[▼24] 0/24] B
[▼24] 0/24] /B
CN650-1 CN620-6 -2 -3 -5 -4
CN630-1 CN620-3 -2 -3 -2 -1
CN610-1 -2 -4 -5 -6 -7 -3
S18 Punch HP Sensor
S17 Hopper Sensor
M11 Punch Motor

Main Board (PCB1)

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN110-1 -2 -4 -5 -6 -7
CN210-7 -6 -4 -3 -2 -1
M1 Upper Transport Motor

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN111-1 -2 -4 -5 -6 -7
M2 Lower Transport Motor

A → + [▼24], - [▼24]
CN112-1 -2
CN212-2 -1
M10 Shift Tray Lift Motor

A → 24V [24] [▼24]
CN112-4 -5
CN222-2 -1
SOL 1 Tray Junction Gate Solenoid

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN113-1 -2 -4 -5 -6 -7
CN213-7 -6 -4 -3 -2 -1
M8 Shift Tray Exit Motor

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN114-1 -2 -4 -5 -6 -7
CN214-3 -9 -1 -5 -7 -11
M7 Stack Feed-out Motor

A → [▼24], 24V [24]
CN115-1 -2
CN215-4 -3
CN315-2 -1
M9 Shift Motor

24V [24] [▲24]
CN115-3 -4
CN215-2 -1
SW2
Shift Tray Upper Limit Switch

A → 24V [24] [▼24]
CN119-1 -2
SOL 2 Stapler Junction Gate Solenoid

A → 24V [24] [▼24]
CN120-1 -2
SOL 3 Positioning Roller Solenoid

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN117-1 -2 -4 -5 -6 -7
CN217-7 -6 -4 -3 -2 -1
M3 Jogger Motor

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN117-8 -9 -11 -12 -13 -14
CN227-7 -6 -4 -3 -2 -1
M4 Stapler Motor

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN116-1 -2 -4 -5 -6 -7
CN216-7 -6 -4 -3 -2 -1
M5 Stapler Rotation Motor

A → Staple Hummer Motor : + [▼24]
Staple Hummer Motor : + [▼24]
Staple Hummer Motor : - [▼24]
Staple Hummer Motor : - [▼24]
Cartridge Set Switch [▲5]
Staple End Switch [▼5]
Staple Hammer HP Sensor [▲5]
Stapler Installed [▼5]
GND2 [0]
5V [5]
CN120-12 -11 -9 -8 -6 -5 -4 3 -2 -1
CN220-1 -2 -4 -5 -7 -8 -9 -10 -11 -12
M6
SW4
SW3
S7
Stapler

A → 24V(A) [24], 24V(B) [24], A [▼24 → 0/24], /A [▼24 → 0/24], B [▼24 → 0/24], /B [▼24 → 0/24]
CN118-1 -2 -3 -4 -5 -6
M12 Pre-stack Motor

A → 24V [24] [▼24]
CN123-1 -2
SOL 4 Pre-stack Junction Gate Solenoid

A → 24V [24] [▼24]
CN124-1 -2
CN224-2 -1
M13 Shift Tray Exit Plate Motor

SYMBOL TABLE

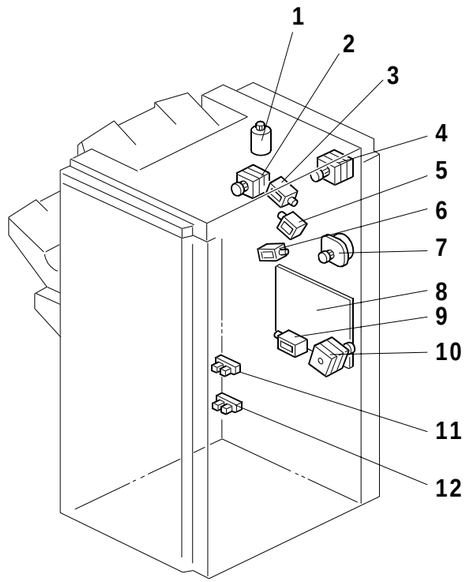
———	DC Line
- - - -	Pulse Signal
——→	Signal Direction
▲	Ready Low
▼	Ready High
[ ]	Voltage

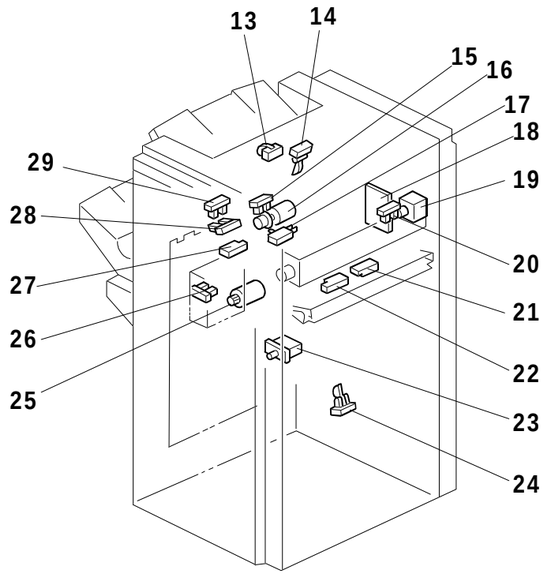
CÓPIA NÃO CONTROLADA

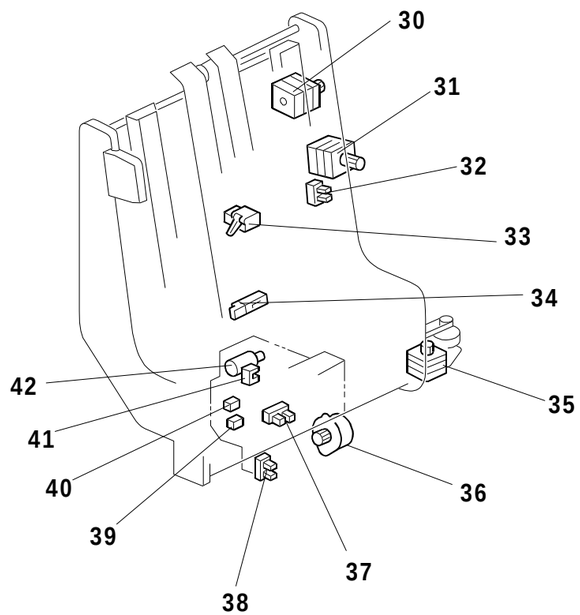
CÓPIA NÃO CONTROLADA

FINISHER (B312) ELECTRICAL COMPONENT LAYOUT

Rev. 4/2000







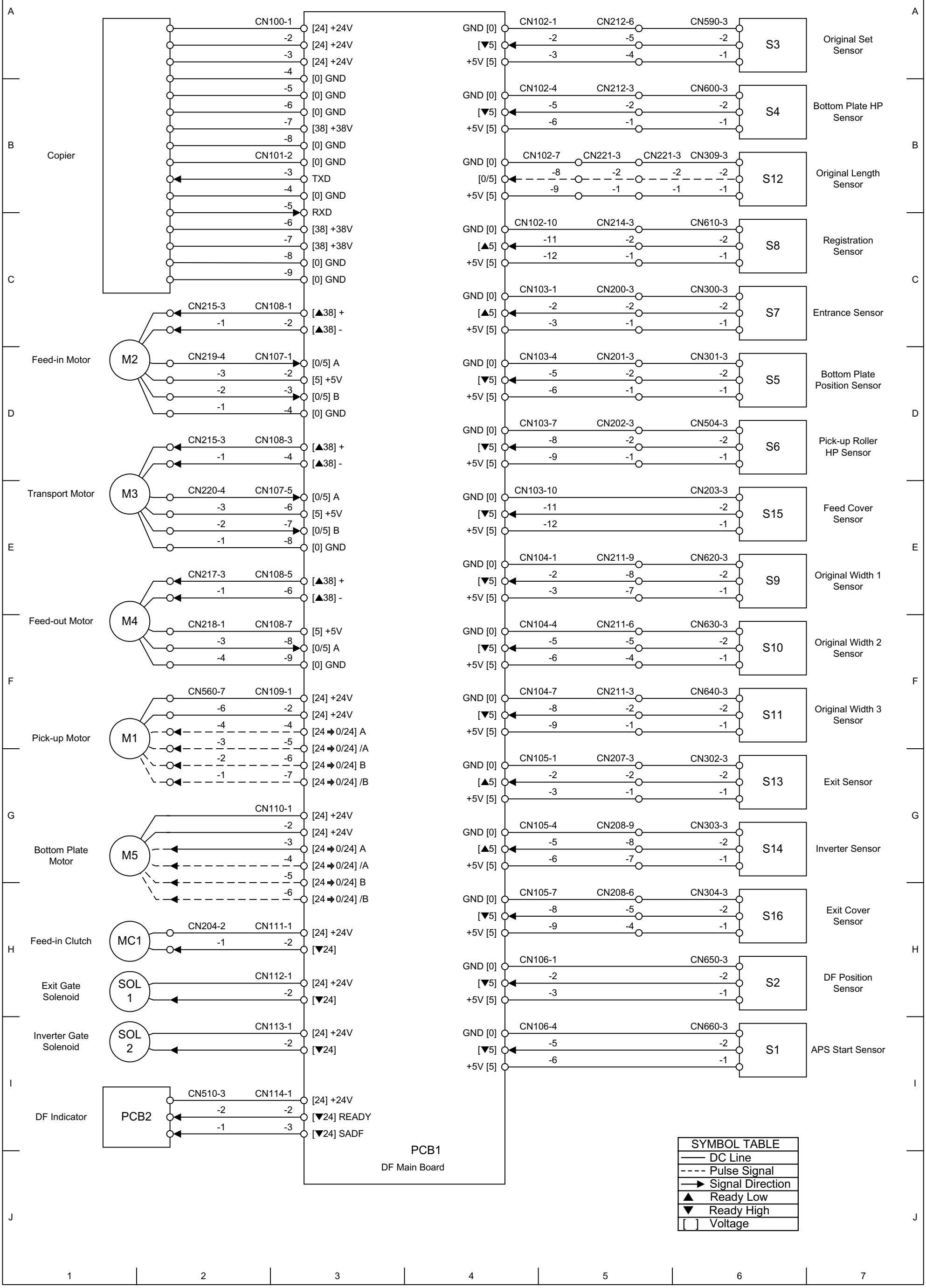
Symbol	Name	Index No.	P to P
Motors			
M1	Upper Transport	4	B13
M2	Lower Transport	10	C13
M3	Jogger	31	J13
M4	Stapler	35	K13
M5	Stapler Rotation	36	L13
M6	Staple Hammer	42	M13
M7	Stack Feed-out	30	F13
M8	Shift Tray Exit	2	E13
M9	Shift	25	G13
M10	Shift Tray Lift	1	D13
M11	Punch	19	S3
M12	Pre-stack	7	O13
M13	Shift Tray Exit Plate	16	P13
Sensors			
S1	Entrance	22	D3
S2	Stapler Tray Entrance	24	E4
S3	Jogger Fence HP	32	L3
S4	Stapler Tray Paper	34	L3
S5	Stapler HP	38	M3
S6	Stapler Rotation HP	37	N3
S7	Staple Hammer HP	41	N12
S8	Stack Feed-out Belt HP	33	K13
S9	Shift Tray Exit	27	G3
S10	Stack Height 1	29	H3
S11	Stack Height 2	28	H3
S12	Upper Tray Exit	14	E3
S13	Upper Tray Paper Limit	13	F3
S14	Shift Tray Half-turn	26	J3
S15	Shift Tray Lower Limit 1	11	I3
S16	Shift Tray Lower Limit 2	12	J3
S17	Hopper	21	S2
S18	Punch HP	20	S2
S19	Shift Tray Exit Plate HP	15	O3
Switches			
SW 1	Front Door Safety	23	C3
SW 2	Shift Tray Upper Limit	17	H13
SW3	Staple End	39	M13
SW4	Cartridge Set	40	M13
Solenoids			
SOL1	Tray Junction Gate	3	D13
SOL2	Stapler Junction Gate	5	H13
SOL3	Positioning Roller	9	I13
SOL4	Pre-stack Junction Gate	6	P13
PCBs			
PCB1	Main	8	T7
PCB2	Punch	18	P2

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

Rev. 02/2000

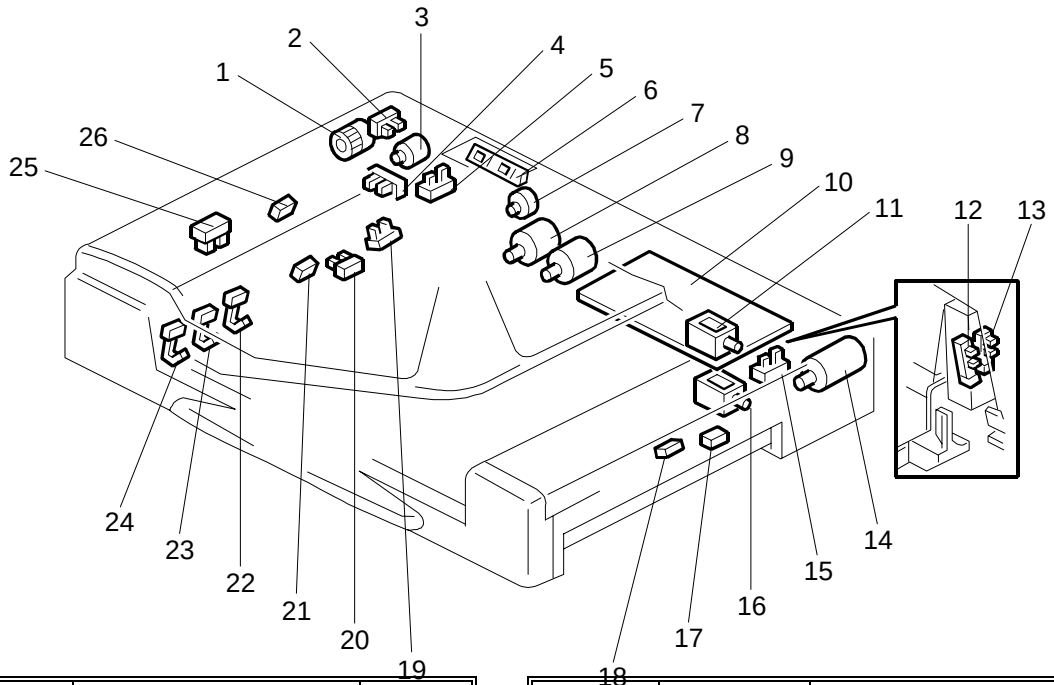
POINT TO POINT DIAGRAM (ADF: B301)



CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

ELECTRICAL COMPONENT LAYOUT (ADF: B301)



Symbol	Index No.	Description	P to P
Motors			
M1	3	Pick-up	F1
M2	8	Feed-in	D1
M3	9	Transport	E1
M4	14	Feed-out	F1
M5	7	Bottom plate	G1
Sensors			
S1	12	APS Start	I6
S2	13	DF Position	H6
S3	19	Original Set	A6
S4	20	Bottom Plate HP	B6
S5	4	Bottom Plate Position	D6
S6	2	Pick-up Roller HP	D6
S7	26	Entrance	C7
S8	21	Registration	C6
S9	22	Original Width 1	E6
S10	23	Original Width 2	F6
S11	24	Original Width 3	F6
S12	25	Original Length	B6
S13	18	Exit	G6
S14	17	Inverter	G6
S15	5	Feed Cover	E6
S16	15	Exit Cover	H6
Solenoies			
SOL1	16	Exit Gate	H1
SOL2	11	Inverter Gate	I1
Magnetic Clutches			
MC1	1	Feed-in	H1
PCBs			

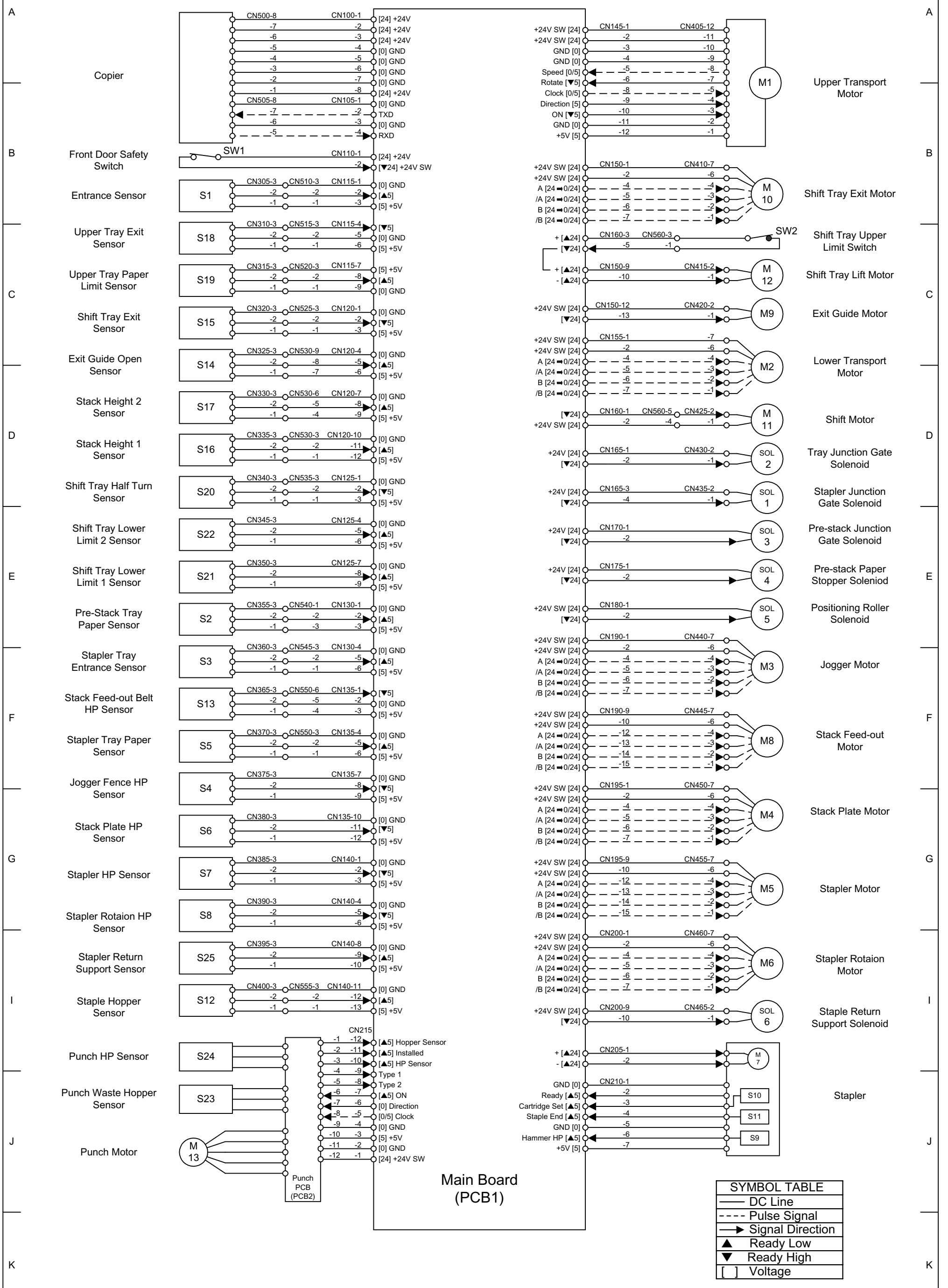
Symbol	Index No.	Description	P to P
PCB1	10	DF Main	J4
PCB2	6	DF Indicator	I1
PCB1	10	DF Main	J4
PCB2	6	DF Indicator	I1

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

Revised 12/99

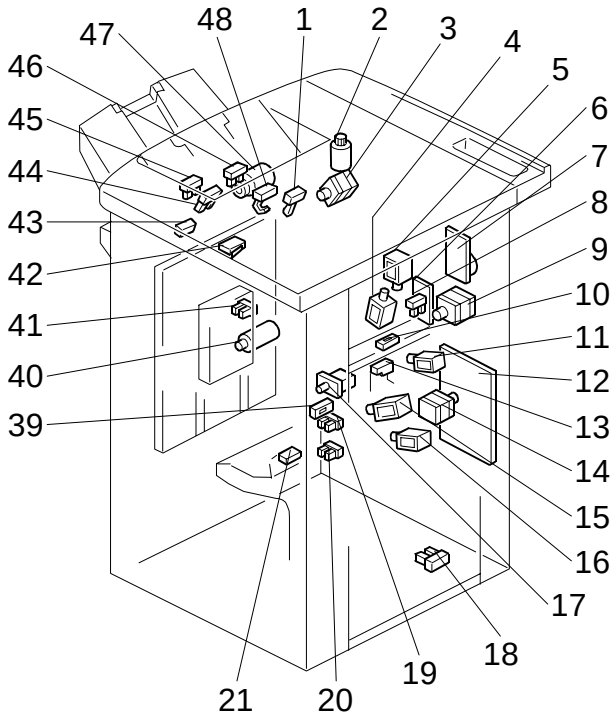
POINT TO POINT DIAGRAM (Finisher: B302)



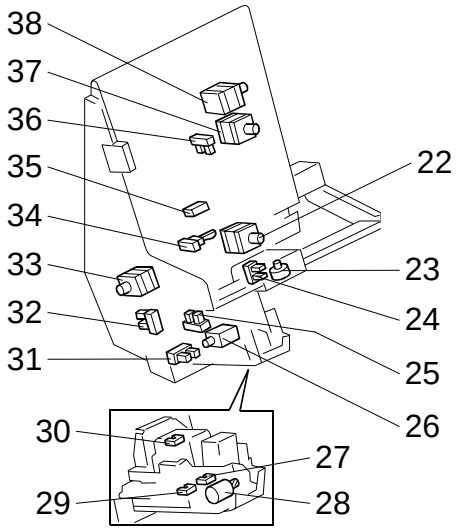
CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

ELECTRICAL COMPONENT LAYOUT (FINISHER: B302)



B302S501.WMF



B302S502.WMF

Symbol	Index No.	Description	P to P
Motors			
M1	7	Upper Transport	A6
M2	14	Lower Transport	C6
M3	37	Jogger	F6
M4	23	Stack Plate	G6
M5	22	Stapler	G6
M6	33	Stapler Rotation	I6
M7	28	Staple Hammer	I6
M8	38	Stack Feed-out	F6
M9	47	Exit Guide	C6
M10	3	Shift Tray Exit	B6
M11	40	Shift	D6
M12	2	Shift Tray Lift	C6
M13	9	Punch	J2
Sensors			
S1	10	Entrance	B2
S2	39	Pre-stack Stopper	E2
S3	21	Staple Tray Entrance	F2
S4	36	Jogger Fence HP	F2
S5	35	Staple Tray Paper	F2
S6	24	Stack Plate HP	G2
S7	32	Stapler HP	G2
S8	31	Stapler Rotation HP	G2
S9	30	Staple Hammer HP	J2
S10	29	Cartridge Set	J2
S11	27	Staple End	J2
S12	18	Staple Hopper	I2
S13	34	Stack Feed-out Belt HP	F2

Symbol	Index No.	Description	P to P
S14	46	Exit Guide Open	C2
S15	43	Shift Tray Exit	C2
S16	45	Stack Height 1	D2
S17	44	Stack Height 2	D2
S18	1	Upper Tray Exit	C2
S19	48	Upper Tray Paper Limit	C2
S20	41	Shift Tray Half-turn	D2
S21	19	Shift Tray Lower Limit 1	E2
S22	20	Shift Tray Lower Limit 2	E2
S23	13	Punch Waste Hopper	J2
S24	8	Punch HP	I2
S25	25	Stapler Return Support	I2
Switches			
SW1	17	Front Door Safety	B2
SW2	42	Shift Tray Upper Limit	C6
Solenoids			
SOL1	4	Stapler Junction Gate	D6
SOL2	5	Tray Junction Gate	D6
SOL3	11	Pre-stack Junction Gate	E6
SOL4	16	Pre-stack Paper Stopper	E6
SOL5	15	Positioning Roller	E6
SOL6	26	Stapler Return Support	I6
PCBs			
PCB1	12	Main	K4
PCB2	6	Punch	J3

CÓPIA NÃO CONTROLADA