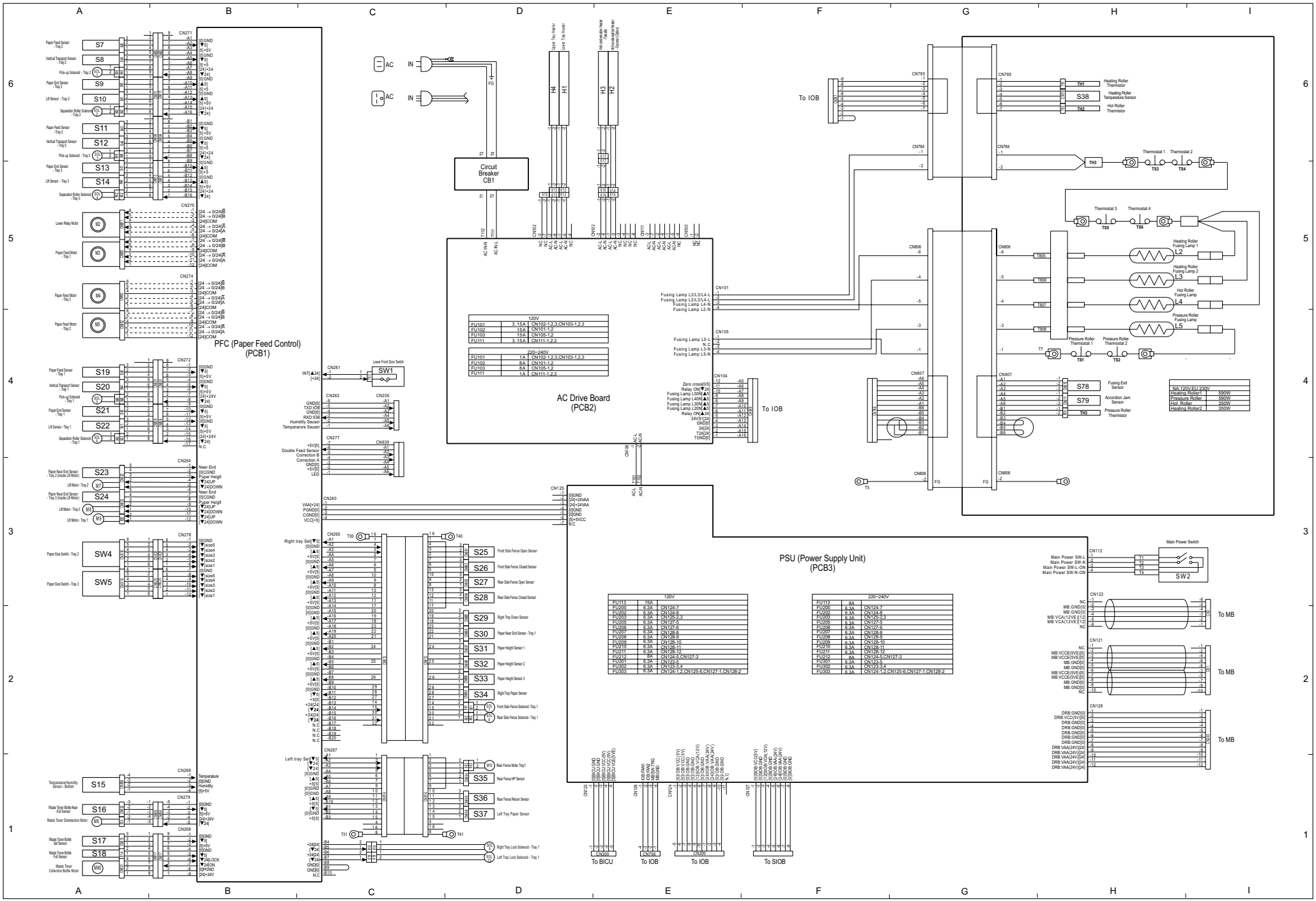
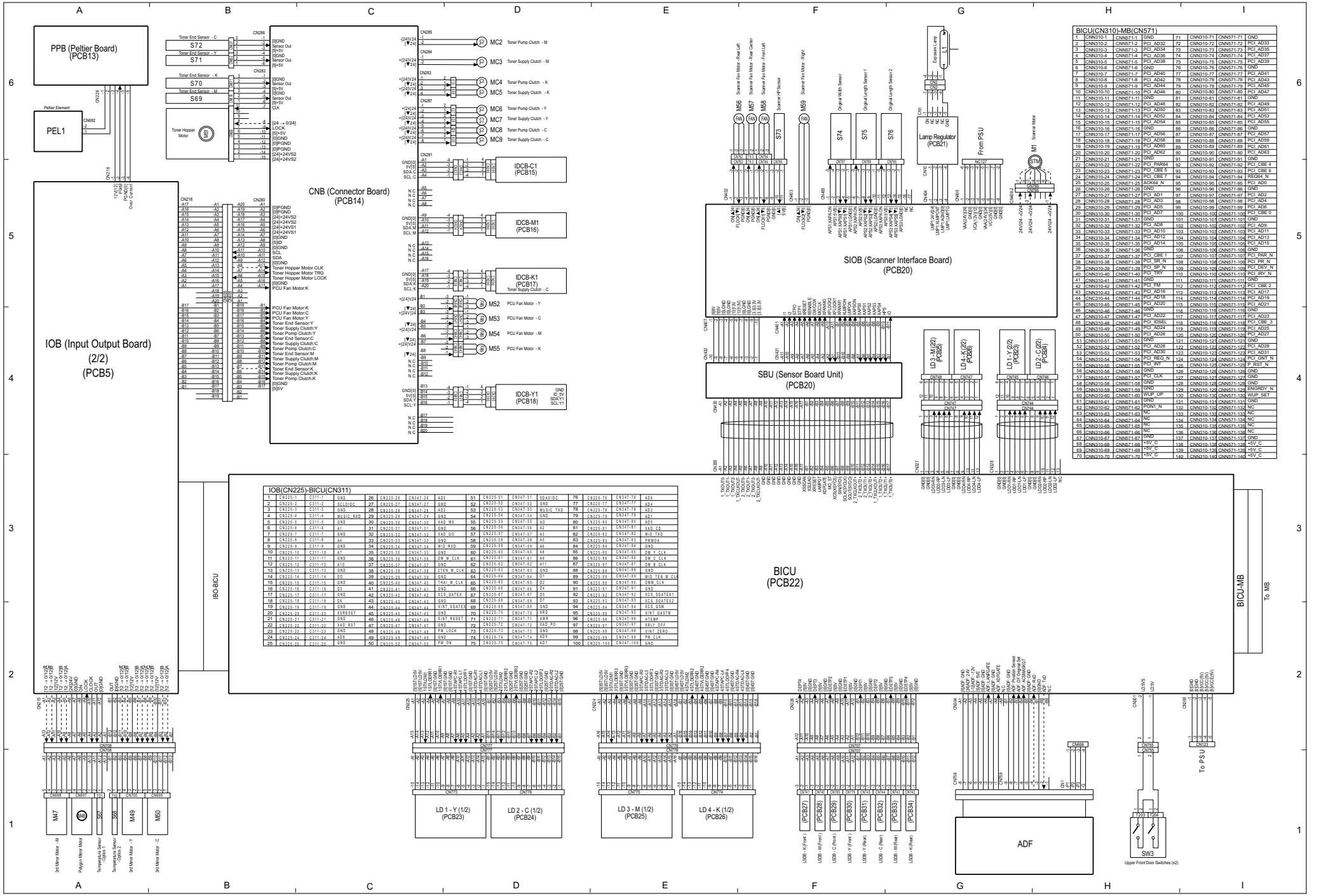
B132 POINT TO POINT DIAGRAM(1/4)



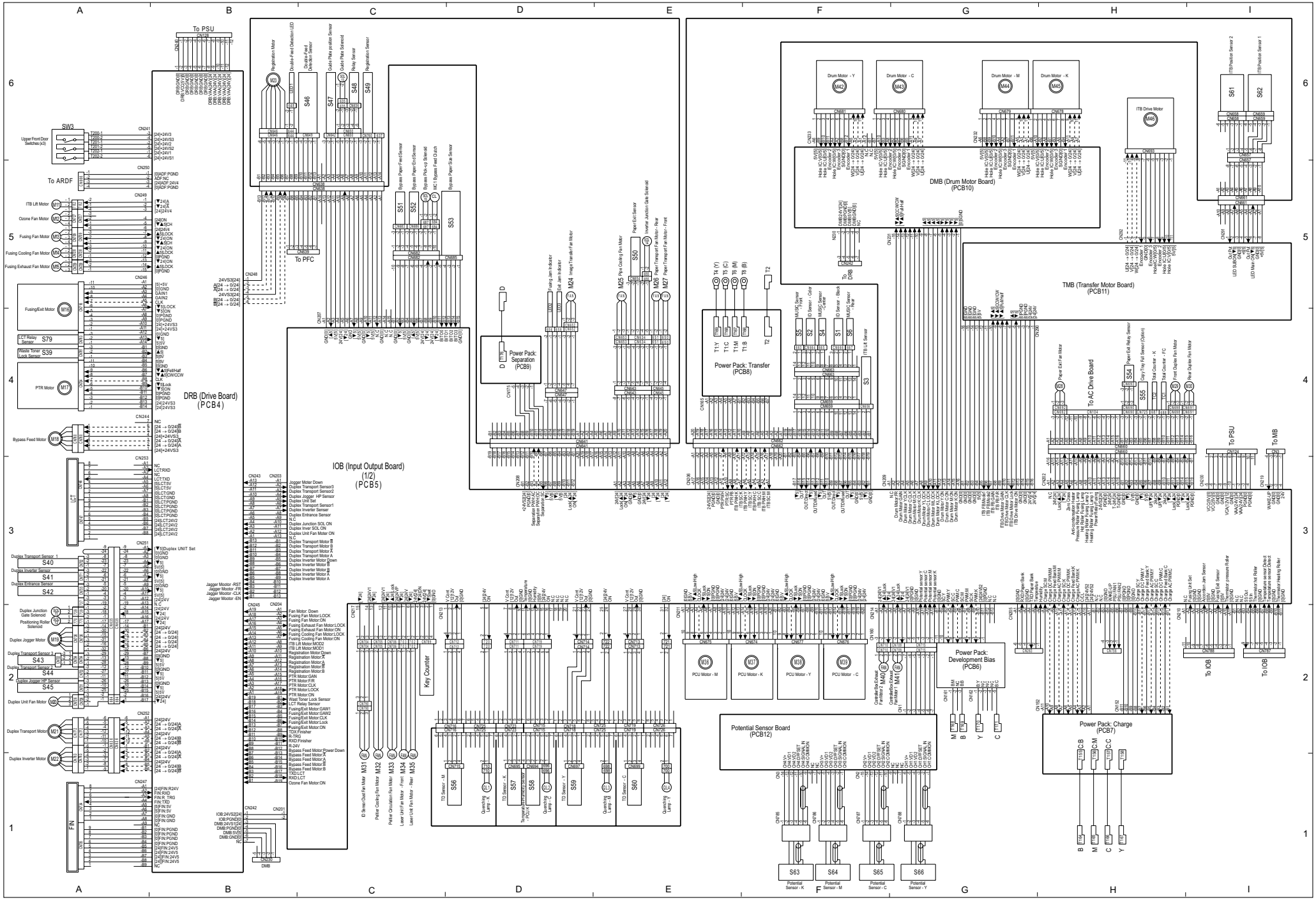
B132 POINT TO POINT DIAGRAM(2/4)



BICU(CN310)-MB(CN571)					
1	CNN310-1	CNN571-1	GND	71	CNN310-71	CNN571-71	GND
2	CNN310-2	CNN571-2	PCI_AD32	72	CNN310-72	CNN571-72	PCI_AD33
3	CNN310-3	CNN571-3	PCI_AD34	73	CNN310-73	CNN571-73	PCI_AD35
4	CNN310-4	CNN571-4	PCI_AD36	74	CNN310-74	CNN571-74	PCI_AD37
5	CNN310-5	CNN571-5	PCI_AD38	75	CNN310-75	CNN571-75	PCI_AD39
6	CNN310-6	CNN571-6	GND	76	CNN310-76	CNN571-76	GND
7	CNN310-7	CNN571-7	PCI_AD40	77	CNN310-77	CNN571-77	PCI_AD41
8	CNN310-8	CNN571-8	PCI_AD42	78	CNN310-78	CNN571-78	PCI_AD43
9	CNN310-9	CNN571-9	PCI_AD44	79	CNN310-79	CNN571-79	PCI_AD45
10	CNN310-10	CNN571-10	PCI_AD46	80	CNN310-80	CNN571-80	PCI_AD47
11	CNN310-11	CNN571-11	GND	81	CNN310-81	CNN571-81	GND
12	CNN310-12	CNN571-12	PCI_AD48	82	CNN310-82	CNN571-82	PCI_AD49
13	CNN310-13	CNN571-13	PCI_AD50	83	CNN310-83	CNN571-83	PCI_AD51
14	CNN310-14	CNN571-14	PCI_AD52	84	CNN310-84	CNN571-84	PCI_AD53
15	CNN310-15	CNN571-15	PCI_AD54	85	CNN310-85	CNN571-85	PCI_AD55
16	CNN310-16	CNN571-16	GND	86	CNN310-86	CNN571-86	GND
17	CNN310-17	CNN571-17	PCI_AD56	87	CNN310-87	CNN571-87	PCI_AD57
18	CNN310-18	CNN571-18	PCI_AD58	88	CNN310-88	CNN571-88	PCI_AD59
19	CNN310-19	CNN571-19	PCI_AD60	89	CNN310-89	CNN571-89	PCI_AD61
20	CNN310-20	CNN571-20	PCI_AD62	90	CNN310-90	CNN571-90	PCI_AD63
21	CNN310-21	CNN571-21	GND	91	CNN310-91	CNN571-91	GND
22	CNN310-22	CNN571-22	PCI_PAR64	92	CNN310-92	CNN571-92	PCI_CBE 4
23	CNN310-23	CNN571-23	PCI_CBE 5	93	CNN310-93	CNN571-93	PCI_CBE 5
24	CNN310-24	CNN571-24	PCI_CBE 7	94	CNN310-94	CNN571-94	REQ64_N
25	CNN310-25	CNN571-25	ACK64_N	95	CNN310-95	CNN571-95	PCI_AD0
26	CNN310-26	CNN571-26	GND	96	CNN310-96	CNN571-96	GND
27	CNN310-27	CNN571-27	PCI_AD1	97	CNN310-97	CNN571-97	PCI_AD2
28	CNN310-28	CNN571-28	PCI_AD3	98	CNN310-98	CNN571-98	PCI_AD4
29	CNN310-29	CNN571-29	PCI_AD5	99	CNN310-99	CNN571-99	PCI_AD6
30	CNN310-30	CNN571-30	PCI_AD7	100	CNN310-100	CNN571-100	PCI_CBE 0
31	CNN310-31	CNN571-31	GND	101	CNN310-101	CNN571-101	GND
32	CNN310-32	CNN571-32	PCI_AD8	102	CNN310-102	CNN571-102	PCI_AD9
33	CNN310-33	CNN571-33	PCI_AD10	103	CNN310-103	CNN571-103	PCI_AD11
34	CNN310-34	CNN571-34	PCI_AD12	104	CNN310-104	CNN571-104	PCI_AD13
35	CNN310-35	CNN571-35	PCI_AD14	105	CNN310-105	CNN571-105	PCI_AD15
36	CNN310-36	CNN571-36	GND	106	CNN310-106	CNN571-106	GND
37	CNN310-37	CNN571-37	PCI_CBE 1	107	CNN310-107	CNN571-107	PCI_PAR_N
38	CNN310-38	CNN571-38	PCI_SR_N	108	CNN310-108	CNN571-108	PCI_PR_N
39	CNN310-39	CNN571-39	PCI_SP_N	109	CNN310-109	CNN571-109	PCI_DEV_N
40	CNN310-40	CNN571-40	PCI_TRY	110	CNN310-110	CNN571-110	PCI_IRY_N
41	CNN310-41	CNN571-41	GND	111	CNN310-111	CNN571-111	GND
42	CNN310-42	CNN571-42	PCI_FM	112	CNN310-112	CNN571-112	PCI_CBE 2
43	CNN310-43	CNN571-43	PCI_AD16	113	CNN310-113	CNN571-113	PCI_AD17
44	CNC310-44	CNN571-44	PCI_AD18	114	CNN310-114	CNN571-114	PCI_AD19
45	CNN310-45	CNN571-45	PCI_AD20	115	CNN310-115	CNN571-115	PCI_AD21
46	CNN310-46	CNN571-46	GND	116	CNN310-116	CNN571-116	GND
47	CNN310-47	CNN571-47	PCI_AD22	117	CNN310-117	CNN571-117	PCI_AD23
48	CNN310-48	CNN571-48	PCI_IDSEL	118	CNN310-118	CNN571-118	PCI_CBE 3
49	CNN310-49	CNN571-49	PCI_AD24	119	CNN310-119	CNN571-119	PCI_AD25
50	CNN310-50	CNN571-50	PCI_AD26	120	CNN310-120	CNN571-120	PCI_AD27
51	CNN310-51	CNN571-51	GND	121	CNN310-121	CNN571-121	GND
52	CNN310-52	CNN571-52	PCI_AD28	122	CNN310-122	CNN571-122	PCI_AD29
53	CNN310-53	CNN571-53	PCI_AD30	123	CNN310-123	CNN571-123	PCI_AD31
54	CNN310-54	CNN571-54	PCI_REQ_N	124	CNN310-124	CNN571-124	PCI_GNT_N
55	CNN310-55	CNN571-55	PCI_INT	125	CNN310-125	CNN571-125	PCI_RST_N
56	CNN310-56	CNN571-56	GND	126	CNN310-126	CNN571-126	GND
57	CNN310-57	CNN571-57	PCI_CLK	127	CNN310-127	CNN571-127	GND
58	CNN310-58	CNN571-58	GND	128	CNN310-128	CNN571-128	GND
59	CNN310-59	CNN571-59	GND	129	CNN310-129	CNN571-129	ENGRDY_N
60	CNN310-60	CNN571-60	WUP_UP	130	CNN310-130	CNN571-130	WUP_SET
61	CNN310-61	CNN571-61	GND	131	CNN310-131	CNN571-131	GND
62	CNN310-62	CNN571-62	PON1_N	132	CNN310-132	CNN571-132	NC
63	CNN310-63	CNN571-63	NC	133	CNN310-133	CNN571-133	NC
64	CNN310-64	CNN571-64	NC	134	CNN310-134	CNN571-134	NC
65	CNN310-65	CNN571-65	NC	135	CNN310-135	CNN571-135	NC
66	CNN310-66	CNN571-66	NC	136	CNN310-136	CNN571-136	NC
67	CNN310-67	CNN571-67	GND	137	CNN310-137	CNN571-137	GND
68	CNN310-68	CNN571-68	+5V_C	138	CNN310-138	CNN571-138	+5V_C
69	CNN310-69	CNN571-69	+5V_C	139	CNN310-139	CNN571-139	+5V_C
70	CNN310-70	CNN571-70	+5V_C	140	CNN310-140	CNN571-140	+5V_C

IOB(CN225)-BICU(CN311)													
1	CN225-1	C311-1	GND	26	CN225-26	CN347-26	ADS	51	CN225-51	CN347-51	SDADIOC	76	CN225-76	CN347-76	AD6
2	CN225-2	C311-2	SCLOIOC	27	CN225-27	CN347-27	GND	52	CN225-52	CN347-52	GND	77	CN225-77	CN347-77	AD4
3	CN225-3	C311-3	GND	28	CN225-28	CN347-28	AD2	53	CN225-53	CN347-53	MUSIC_TXD	78	CN225-78	CN347-78	AD3
4	CN225-4	C311-4	MUSIC_RXD	29	CN225-29	CN347-29	GND	54	CN225-54	CN347-54	GND	79	CN225-79	CN347-79	AD1
5	CN225-5	C311-5	GND	30	CN225-30	CN347-30	XAD_WE	55	CN225-55	CN347-55	A0	80	CN225-80	CN347-80	AD0
6	CN225-6	C311-6	A1	31	CN225-31	CN347-31	GND	56	CN225-56	CN347-56	A2	81	CN225-81	CN347-81	XAD_CD
7	CN225-7	C311-7	GND	32	CN225-32	CN347-32	XAD_OD	57	CN225-57	CN347-57	A3	82	CN225-82	CN347-82	MID_TXD
8	CN225-8	C311-8	A4	33	CN225-33	CN347-33	GND	58	CN225-58	CN347-58	A5	83	CN225-83	CN347-83	PWMOA
9	CN225-9	C311-9	GND	34	CN225-34	CN347-34	MID_RXD	59	CN225-59	CN347-59	A6	84	CN225-84	CN347-84	GND
10	CN225-10	C311-10	A7	35	CN225-35	CN347-35	GND	60	CN225-60	CN347-60	A8	85	CN225-85	CN347-85	DM_T_CLK
11	CN225-11	C311-11	GND	36	CN225-36	CN347-36	DM_M_CLK	61	CN225-61	CN347-61	A9	86	CN225-86	CN347-86	DM_C_CLK
12	CN225-12	C311-12	A10	37	CN225-37	CN347-37	GND	62	CN225-62	CN347-62	A11	87	CN225-87	CN347-87	DM_B_CLK
13	CN225-13	C311-13	GND	38	CN225-38	CN347-38	ITEN_M_CLK	63	CN225-63	CN347-63	GND	88	CN225-88	CN347-88	GND
14	CN225-14	C311-14	D0	39	CN225-39	CN347-39	GND	64	CN225-64	CN347-64	D1	89	CN225-89	CN347-89	MID_TEN_M_CLK
15	CN225-15	C311-15	GND	40	CN225-40	CN347-40	THAI_M_CLK	65	CN225-65	CN347-65	D2	90	CN225-90	CN347-90	DMM_CLK
16	CN225-16	C311-16	D3	41	CN225-41	CN347-41	GND	66	CN225-66	CN347-66	D4	91	CN225-91	CN347-91	GND
17	CN225-17	C311-17	GND	42	CN225-42	CN347-42	XCS_GATEX	67	CN225-67	CN347-67	D5	92	CN225-92	CN347-92	XCS_SGATEX1
18	CN225-18	C311-18	D6	43	CN225-43	CN347-43	GND	68	CN225-68	CN347-68	D7	93	CN225-93	CN347-93	XCS_SGATEX2
19	CN225-19	C311-19	GND	44	CN225-44	CN347-44	XINT_SGATEX	69	CN225-69	CN347-69	GND	94	CN225-94	CN347-94	XCS_GSM
20	CN225-20	C311-20	XRESEST	45	CN225-45	CN347-45	GND	70	CN225-70	CN347-70	XRD	95	CN225-95	CN347-95	XINT_GASTM
21	CN225-21	C311-21	GND	46	CN225-46	CN347-46	XINT_RESET	71	CN225-71	CN347-71	XWR	96	CN225-96	CN347-96	HTEMP
22	CN225-22	C311-22	XAD_RST	47	CN225-47	CN347-47	GND	72	CN225-72	CN347-72	XAD_PO	97	CN225-97	CN347-97	XRLY_OFF
23	CN225-23	C311-23	GND	48	CN225-48	CN347-48	PM_LOCK	73	CN225-73	CN347-73	GND	98	CN225-98	CN347-98	XINT_ZERO
24	CN225-24	C311-24	ADR	49	CN225-49	CN347-49	GND	74	CN225-74	CN347-74	AD9	99	CN225-99	CN347-99	PM_CLK
25	CN225-25	C311-25	GND	50	CN225-50	CN347-50	PM_ON	75	CN225-75	CN347-75	AD7	100	CN225-100	CN347-100	GND

B132 POINT TO POINT DIARAM(3/4)



B132 POINT TO POINT DIA DIAGRAM(4/4)

DDR-SDRAM DIMM I/F

CN101 DDR-SDRAM DIMM I/F							
1	VREF	51	GND	101	MAB SR(9)	151	MDT(42)
2	VREF	52	GND	102	MAB SR(8)	152	MDT(46)
3	GND	53	MDT(19)	103	GND	153	MDT(43)
4	GND	54	MDT(23)	104	GND	154	MDT(47)
5	MDT(0)	55	MDT(24)	105	MAB SR(7)	155	VCC2.5
6	MDT(4)	56	MDT(28)	106	MAB SR(6)	156	VCC2.5
7	MDT(1)	57	VCC2.5	107	MAB SR(5)	157	VCC2.5
8	MDT(5)	58	VCC2.5	108	MAB SR(4)	158	CLKOTL(2)
9	VCC2.5	59	MDT(25)	109	MAB SR(3)	159	GND
10	VCC2.5	60	MDT(29)	110	MAB SR(2)	160	CLKOTH(2)
11	DQS SR(0)	61	DQS SR(3)	111	MAB SR(1)	161	GND
12	DN SR(0)	62	DM SR(3)	112	MAB SR(0)	162	GND
13	MDT(2)	63	GND	113	VCC2.5	163	MDT(48)
14	MDT(6)	64	GND	114	VCC2.5	164	MDT(52)
15	GND	65	MDT(26)	115	MAB SR(10)	165	MDT(49)
16	GND	66	MDT(30)	116	MAB SR(14)	166	MDT(53)
17	MDT(3)	67	MDT(27)	117	MAB SR(13)	167	VCC2.5
18	MDT(7)	68	MDT(31)	118	RASB SR	168	VCC2.5
19	MDT(8)	69	VCC2.5	119	WEB SR	169	DQS SR(6)
20	MDT(12)	70	VCC2.5	120	CASA SR	170	DM SR(6)
21	VCC2.5	71	MECC SR(0)	121	CS SR(0)	171	MDT(50)
22	VCC2.5	72	MECC SR(4)	122	CS SR(1)	172	MDT(54)
23	MDT(9)	73	MECC SR(1)	123	NC	173	GND
24	MDT(13)	74	MECC SR(5)	124	NC	174	GND
25	DQS SR(1)	75	GND	125	GND	175	MDT(51)
26	DM SR(1)	76	GND	126	GND	176	MDT(55)
27	GND	77	DQS SR(8)	127	MDT(32)	177	MDT(56)
28	GND	78	DM SR(8)	128	MDT(36)	178	MDT(60)
29	MDT(10)	79	MECC SR(2)	129	MDT(33)	179	VCC2.5
30	MDT(14)	80	MECC SR(6)	130	MDT(37)	180	VCC2.5
31	MDT(11)	81	VCC2.5	131	VCC2.5	181	MDT(57)
32	MDT(15)	82	VCC2.5	132	VCC2.5	182	MDT(61)
33	VCC2.5	83	MECC SR(3)	133	DQS SR(4)	183	DQS SR(7)
34	VCC2.5	84	MECC SR(7)	134	DM SR(4)	184	DM SR(7)
35	CLKOTH(1)	85	NC	135	MDT(34)	185	GND
36	VCC2.5	86	NC	136	MDT(38)	186	GND
37	CLKOTL(1)	87	GND	137	GND	187	MDT(58)
38	GND	88	GND	138	GND	188	MDT(62)
39	GND	89	CLKOTH(3)	139	MDT(35)	189	MDT(59)
40	GND	90	GND	140	MDT(39)	190	MDT(63)
41	MDT(16)	91	CLKOTL(3)	141	MDT(40)	191	VCC2.5
42	MDT(20)	92	VCC2.5	142	MDT(44)	192	VCC2.5
43	MDT(17)	93	VCC2.5	143	VCC2.5	193	SMBUSD
44	MDT(21)	94	VCC2.5	144	VCC2.5	194	SAO
45	VCC2.5	95	CKEA SR	145	MDT(41)	195	SMBUSC
46	VCC2.5	96	CKEA SR	146	MDT(45)	196	SA1
47	DQS SR(2)	97	A13:NC	147	DQS SR(5)	197	VCC2.5
48	DM SR(2)	98	NC	148	DM SR(5)	198	SA2
49	MDT(18)	99	MAB SR(12)	149	GND	199	VDDID
50	MDT(22)	100	MAB SR(11)	150	GND	200	NC

CN102 DDR-SDRAM DIMM I/F							
1	VREF	51	GND	101	MAB SR(9)	151	MDT(42)
2	VREF	52	GND	102	MAB SR(8)	152	MDT(46)
3	GND	53	MDT(19)	103	GND	153	MDT(43)
4	GND	54	MDT(23)	104	GND	154	MDT(47)
5	MDT(0)	55	MDT(24)	105	MAB SR(7)	155	VCC2.5
6	MDT(4)	56	MDT(28)	106	MAB SR(6)	156	VCC2.5
7	MDT(1)	57	VCC2.5	107	MAB SR(5)	157	VCC2.5
8	MDT(5)	58	VCC2.5	108	MAB SR(4)	158	CLKOTL(5)
9	VCC2.5	59	MDT(25)	109	MAB SR(3)	159	GND
10	VCC2.5	60	MDT(29)	110	MAB SR(2)	160	CLKOTH(5)
11	DQS SR(0)	61	DQS SR(3)	111	MAB SR(1)	161	GND
12	DN SR(0)	62	DM SR(3)	112	MAB SR(0)	162	GND
13	MDT(2)	63	GND	113	VCC2.5	163	MDT(48)
14	MDT(6)	64	GND	114	VCC2.5	164	MDT(52)
15	GND	65	MDT(26)	115	MAB SR(10)	165	MDT(49)
16	GND	66	MDT(30)	116	MAB SR(14)	166	MDT(53)
17	MDT(3)	67	MDT(27)	117	MAB SR(13)	167	VCC2.5
18	MDT(7)	68	MDT(31)	118	RASB SR	168	VCC2.5
19	MDT(8)	69	VCC2.5	119	WEB SR	169	DQS SR(6)
20	MDT(12)	70	VCC2.5	120	CASB SR	170	DM SR(6)
21	VCC2.5	71	MECC SR(0)	121	CS SR(2)	171	MDT(50)
22	VCC2.5	72	MECC SR(4)	122	CS SR(3)	172	MDT(54)
23	MDT(9)	73	MECC SR(1)	123	NC	173	GND
24	MDT(13)	74	MECC SR(5)	124	NC	174	GND
25	DQS SR(1)	75	GND	125	GND	175	MDT(51)
26	DM SR(1)	76	GND	126	GND	176	MDT(55)
27	GND	77	DQS SR(8)	127	MDT(32)	177	MDT(56)
28	GND	78	DM SR(8)	128	MDT(36)	178	MDT(60)
29	MDT(10)	79	MECC SR(2)	129	MDT(33)	179	VCC2.5
30	MDT(14)	80	MECC SR(6)	130	MDT(37)	180	VCC2.5
31	MDT(11)	81	VCC2.5	131	VCC2.5	181	MDT(57)
32	MDT(15)	82	VCC2.5	132	VCC2.5	182	MDT(61)
33	VCC2.5	83	MECC SR(3)	133	DQS SR(4)	183	DQS SR(7)
34	VCC2.5	84	MECC SR(7)	134	DM SR(4)	184	DM SR(7)
35	CLKOTH(4)	85	NC	135	MDT(34)	185	GND
36	VCC2.5	86	NC	136	MDT(38)	186	GND
37	CLKOTL(4)	87	GND	137	GND	187	MDT(58)
38	GND	88	GND	138	GND	188	MDT(62)
39	GND	89	CLKOTH(3)	139	MDT(35)	189	MDT(59)
40	GND	90	GND	140	MDT(39)	190	MDT(63)
41	MDT(16)	91	CLKOTL(3)	141	MDT(40)	191	VCC2.5
42	MDT(20)	92	VCC2.5	142	MDT(44)	192	VCC2.5
43	MDT(17)	93	VCC2.5	143	VCC2.5	193	SMBUSD
44	MDT(21)	94	VCC2.5	144	VCC2.5	194	SAO
45	VCC2.5	95	CKEB SR	145	MDT(41)	195	SMBUSC
46	VCC2.5	96	CKEB SR	146	MDT(45)	196	SA1
47	DQS SR(2)	97	A13:NC	147	DQS SR(5)	197	VCC2.5
48	DM SR(2)	98	NC	148	DM SR(5)	198	SA2
49	MDT(18)	99	MAB SR(12)	149	GND	199	VDDID
50	MDT(22)	100	MAB SR(11)	150	GND	200	NC

Coutroller Board

Coutroller Board							
1	SDO DTOUT1	41	GND	81	AGPAD(27)	121	AGA DS(0)
2	SDO DTOUT0	42	GND	82	AGPAD(25)	122	GND
3	SDO DTOUT3	43	USBPO	83	GND	123	GND
4	SDO DTOUT2	44	USBNO	84	XAGP TPDET	124	AGP AD(10)
5	GND	45	GND	85	A CBE(3)	125	A CBE
6	GND	46	GND	86	GND	126	AGP AD(12)
7	SDCLK	47	EDGE1	87	AG PAD(22)	127	GND
8	SDO CMDOUT	48	EDGE2	88	AG ADS(1)	128	AGP AD(7)
9	GND	49	GND	89	GND	129	AGP AD(9)
10	SDOCMDIN	50	GND	90	AG ADS(1)	130	AGP AD(8)
11	SDO WP	51	CSS WUP	91	AG PAD(20)	131	AGP AD(4)
12	SDO DTDIR	52	USBOCO	92	GND	132	GND
13	SDO DTIN3	53	PWRCO	93	AG PAD(18)	133	AGP AD(2)
14	SDO CD	54	PWRC1	94	AG PAD(21)	134	AGP AD(5)
15	BSCLK	55	PCI_PME	95	AG PAD(16)	135	AGP AD(0)
16	SDO CMDDIR	56	WUP PWRSW	96	AG PAD(23)	136	AGP AD(6)
17	GND	57	GND	97	AG PAD(17)	137	GND
18	BSDATA	58	NC	98	AG PAD(19)	138	AGP AD(1)
19	SDO DTIN2	59	PCIRTO	99	GND	139	AGPCLK1
20	POWERGOOD	60	INTA	100	AGP IRDY	140	AGP AD(3)
21	SDO DTIN1	61	GND	101	AGP FRAME	141	VCC5VR
22	OPMRCLK	62	GND	102	GND	142	VCC12VR
23	OPMTCLK	63	AGP GNT	103	AGP DEVSL	143	VCC5VR
24	GND	64	AGP PIPE	104	NC	144	VCC12VR
25	GND	65	GND	105	AGP STOP	145	VCC5VR
26	OPMLED	66	AGP REQ	106	XREF4X IN	146	VCC5VR
27	OPMTXD	67	AGP ST(1)	107	AGP TRDY	147	VCC AGP
28	OPMRXD	68	GND	108	GND	148	GND
29	SDO DTIN0	69	AGP ST(0)	109	AGP PAR	149	GND
30	OPMRREQ	70	AGP ST(2)	110	A CEB(2)	150	3VDUAL
31	PEACE TXD	71	GND	111	GND	151	GND
32	PERCE RXD	72	AGP RBF	112	GND	152	GND
33	GND	73	NC	113	AGP AD(13)	153	GND
34	GND	74	GND	114	A CBE(1)	154	GND
35	CSS RXD	75	AGPAD(30)	115	AGP AD(11)	155	VCC3.3
36	XCSS RST	76	AGPAD(31)	116	AGP SERR	156	VCC3.3
37	GND	77	AGPAD(28)	117	GND		
38	CSS CTS	78	AGPAD(29)	118	AGP AD(14)		
39	CSS TXD	79	AGPAD(26)	119	AG ADS(0)		
40	CSS RTS	80	AGPAD(24)	120	AGP AD(15)		

RAPI OPTION I/F

CN314 RAPI OPTION I/F			
1	RESERVE	51	1284BUF(+5V)
2	RESERVE	52	+3.3VAUX
3	RCLK EXT3	53	+3.3V
4	XPCIREQ2	54	1284BUF(+5V)
5	XPCIGNT2	55	+3.3V
6	XPCIINTB	56	+3.3V
7	ADO	57	+3.3V
8	IDSEL2	58	+3.3V
9	AD2	59	AD3
10	AD1	60	+3.3V
11	AD6	61	AD7
12	AD4	62	AD5
13	AD8	63	AD9
14	C/BEO	64	GND
15	AD11	65	AD12
16	AD10	66	GND
17	AD14	67	AD15
18	AD13	68	GND
19	GND	69	GND
20	GND	70	GND
21	PAR	71	XSERR
22	C/BE1	72	GND
23	XSTOP	73	XDEVSEL
24	XPERR	74	GND
25	XIRDY	75	XFRAME
26	XTRDY	76	GND
27	AD16	77	AD17
28	C/BE2	78	GND
29	AD19	79	AD20
30	AD18	80	GND
31	AD22	81	AD23
32	AD21	82	GND
33	C/BE2	83	AD24
34	IDSEL SL2(LOW):IDESL4	84	IDSEL SL1(UP):IDESL3
35	DA26	85	AD27
36	DA25	86	GND
37	DA30	87	AD31
38	DA28	88	AD29
39	XPME	89	GND
40	GND	90	GND
41	GND	91	GND
42	GND	92	GND
43	CKLKRUN	93	GND
44	XRST	94	GND
45	XREQ SL2(LOW)	95	XREQ SL1(UP)
46	GND	96	GND
47	PCLK SL2(LOW)	97	PCLK SL1(UP)
48	XGNT SL2(LOW)	98	XGNT SL1UP)
49	XINTA SL2(LOW)	99	XINTA SL1(UP)
50	NC(XINTB SL2)	100	NC(XINTB SL1)

PCI OPTION I/F

CN103 RAPI OPTION I/F				CN105 RAPI OPTION I/F			
Pin	Singnal Name	Pin	Singnal Name	Pin	Singnal Name		
1	GND	1	GND	1	GND	1	GND
2	INTC	2	INTD	2	INTC	2	INTD
3	GND	3	GND	3	GND	3	GND
4	RESERVERD	4	RESERVERD	4	RESERVERD	4	RESERVERD
5	GND	5	GND	5	GND	5	GND
6	CLKRUN	6	CLKRUN	6	CLKRUN	6	CLKRUN
7	GND	7	GND	7	GND	7	GND
8	PCIRST1	8	PCIRST1	8	PCIRST2	8	PCIRST2
9	GND	9	GND	9	GND	9	GND
10	PCICLK(3)	10	PCICLK(5)	10	PCICLK(2)	10	PCICLK(1)
11	GND	11	GND	11	GND	11	GND
12	GNT(1)	12	GNT(2)	12	GNT(3)	12	GNT(4)
13	GND	13	GND	13	GND	13	GND
14	REQ(1)	14	REQ(2)	14	REQ(3)	14	REQ(4)
15	GND	15	GND	15	GND	15	GND
16	PCI PME	16	PCI PME	16	PCI PME	16	PCI PME
17	AD(31)	17	AD(31)	17	AD(31)	17	AD(31)
18	AD(30)	18	AD(30)	18	AD(30)	18	AD(30)
19	AD(29)	19	AD(29)	19	AD(29)	19	AD(29)
20	AD(28)	20	AD(28)	20	AD(28)	20	AD(28)
21	AD(27)	21	AD(27)	21	AD(27)	21	AD(27)
22	AD(26)	22	AD(26)	22	AD(26)	22	AD(26)
23	GND	23	GND	23	GND	23	GND
24	AD(25)	24	AD(25)	24	AD(25)	24	AD(25)
25	AD(24)	25	AD(24)	25	AD(24)	25	AD(24)
26	C BE(3)	26	C BE(3)	26	C BE(3)	26	C BE(3)
27	GND	27	GND	27	GND	27	GND
28	IDSEL	28	IDSEL	28	IDSEL	28	IDSEL
29	AD(23)	29	AD(23)	29	AD(23)	29	AD(23)
30	AD(22)	30	AD(22)	30	AD(22)	30	AD(22)
31	GND	31	GND	31	GND	31	GND
32	AD(21).	32	AD(21)	32	AD(21).	32	AD(21).
33	AD(20)	33	AD(20)	33	AD(20)	33	AD(20)
34	AD(19)	34	AD(19)	34	AD(19)	34	AD(19)
35	GND	35	GND	35	GND	35	GND
36	AD(18).	36	AD(18)	36	AD(18).	36	AD(18).
37	AD(17)	37	AD(17)	37	AD(17)	37	AD(17)
38	AD(16)	38	AD(16)	38	AD(16)	38	AD(16)
39	GND	39	GND	39	GND	39	GND
40	C BE(2)	40	C BE(2)	40	C BE(2)	40	C BE(2)
41	FRAME	41	FRAME	41	FRAME	41	FRAME
42	IRDY	42	IRDY	42	IRDY	42	IRDY
43	GND	43	GND	43	GND	43	GND
44	TRDY	44	TRDY	44	TRDY	44	TRDY
45	DEVSEL	45	DEVSEL	45	DEVSEL	45	DEVSEL
46	STOP	46	STOP	46	STOP	46	STOP
47	GND	47	GND	47	GND	47	GND
48	PERR	48	PERR	48	PERR	48	PERR
49	SERR	49	SERR	49	SERR	49	SERR
50	PAR	50	PAR	50	PAR	50	PAR
51	GND	51	GND	51	GND	51	GND
52	C BE(1)	52	C BE(1)	52	C BE(1)	52	C BE(1)
53	AD(15)	53	AD(15)	53	AD(15)	53	AD(15)
54	AD(14)	54	AD(14)	54	AD(14)	54	AD(14)
55	GND	55	GND	55	GND	55	GND
56	AD(13)	56	AD(13)	56	AD(13)	56	AD(13)
57	AD(12)	57	AD(12)	57	AD(12)	57	AD(12)
58	AD(11)	58	AD(11)	58	AD(11)	58	AD(11)
59	GND	59	GND	59	GND	59	GND
60	AD(10)	60	AD(10)	60	AD(10)	60	AD(10)
61	AD(9)	61	AD(9)	61	AD(9)	61	AD(9)
62	AD(8)	62	AD(8)	62	AD(8)	62	AD(8)
63	GND	63	GND	63	GND	63	GND
64	C BE(0)	64	C BE(0)	64	C BE(0)	64	C BE(0)
65	AD(7)	65	AD(7)	65	AD(7)	65	AD(7)
66	AD(6)	66	AD(6)	66	AD(6)	66	AD(6)
67	AD(5)	67	AD(5)	67	AD(5)	67	AD(5)
68	AD(4)	68	AD(4)	68	AD(4)	68	AD(4)
69	AD(3)	69	AD(3)	69	AD(3)	69	AD(3)
70	AD(2)	70	AD(2)	70	AD(2)	70	AD(2)
71	VCC3.3	71	VCC3.3	71	VCC3.3	71	+3.3V
72	AD(1)	72	AD(1)	72	AD(1)	72	AD(1)
73	VCC3.3	73	VCC3.3	73	VCC3.3	73	+3.3V
74	AD(0)	74	AD(0)	74	AD(0)	74	AD(0)
75	VCC3.3	75	VCC3.3	75	VCC3.3	75	+3.3V
76	RESERVED	76	RESERVED	76	RESERVED	76	RESERVED
77	VCC3.3	77	VCC3.3	77	VCC3.3	77	+3.3V
78	RESERVED	78	RESERVED	78	RESERVED	78	RESERVED
79	VCC3.3	79	VCC3.3	79	VCC3.3	79	+3.3V
80	RESERVED	80	RESERVED	80	RESERVED	80	RESERVED
81	VCC3.3	81	VCC3.3	81	VCC3.3	81	+3.3V
82	RESERVED	82	RESERVED	82	RESERVED	82	RESERVED
83	VCC5	83	VCC5	83	VCC5	83	VCC5
84	RESERVED	84	RESERVED	84	RESERVED	84	RESERVED
85	VCC5	85	VCC5	85	VCC5	85	VCC5
86	RESERVED	86	RESERVED	86	RESERVED	86	RESERVED
87	3VDUAL	87	3VDUAL	87	3VDUAL	87	3VDUAL
88	RESERVED	88	RESERVED	88	RESERVED	88	RESERVED

RAPI OPTION EXT I/F

CN151 RAPI OPTION EXT I/F			
Pin	Signal Name	Pin	Signal Name
1	GND	1	GND
2	INTA SL1#	2	INTA SL2#
3	GND	3	GND
4	RESERVER	4	RESERVER
5	GND	5	GND
6	CLKRUN	6	CLKRUN
7	GND	7	GND
8	PST#	8	PST#
9	GND	9	GND
10	PCLK SL1	10	PCLK SL2
11	GND	11	GND
12	GNT SL1#	12	GNT SL2#
13	GND	13	GND
14	REQ SL1#	14	REQ SL2#
15	GND	15	GND
16	PME#	16	PME#
17	AD31	17	AD31
18	AD30	18	AD30
19	AD29	19	AD29
20	AD28	20	AD28
21	AD27	21	AD27
22	AD26	22	AD26
23	GND	23	GND
24	AD25	24	AD25
25	AD24	25	AD24
26	C BE3	26	C BE3
27	GND	27	GND
28	IDSEL SL1	28	IDSEL SL2
29	AD23	29	AD23
30	AD22	30	AD22
31	GND	31	GND
32	AD21.	32	AD21.
33	AD20	33	AD20
34	AD19	34	AD19
35	GND	35	GND
36	AD18.	36	AD18.
37	AD17	37	AD17
38	AD16	38	AD16
39	GND	39	GND
40	C BE2	40	C BE2
41	FRAME#	41	FRAME#
42	IRDY#	42	IRDY#
43	GND	43	GND
44	TRDY#	44	TRDY#
45	DEVSEL#	45	DEVSEL#
46	STOP#	46	STOP#
47	GND	47	GND
48	PERR#	48	PERR#
49	SERR	49	SERR
50	PAR	50	PAR
51	GND	51	GND
52	C BE1	52	C BE1
53	AD15	53	AD15
54	AD14	54	AD14
55	GND	55	GND
56	AD13	56	AD13
57	AD12	57	AD12
58	AD11	58	AD11
59	GND	59	GND
60	AD10	60	AD10
61	AD9	61	AD9
62	AD8	62	AD8
63	GND	63	GND
64	C BE0	64	C BE0
65	AD7	65	AD7
66	AD6	66	AD6
67	AD5	67	AD5
68	AD4	68	AD4
69	AD3	69	AD3
70	AD2	70	AD2
71	+3.3V	71	VCC3.3
72	AD1	72	AD1
73	+3.3V	73	VCC3.3
74	AD0	74	AD0
75	+3.3V	75	+3.3V
76	RESERVED	76	RESERVED
77	+3.3V	77	+3.3V
78	RESERVED	78	RESERVED
79	+3.3V	79	+3.3V
80	RESERVED	80	RESERVED
81	+3.3V	81	+3.3V
82	RESERVED	82	RESERVED
83	1284buf(+5V)	83	1284buf(+5V)
84	RESERVED	84	RESERVED
85	1284buf(+5V)	85	1284buf(+5V)
86	RESERVED	86	RESERVED
87	+3.3Vaux	87	+3.3Vaux
88	RESERVED	88	RESERVED

CPU CORE I/F

CN111 CPU CORE I/F			
1	VCC K7CORE	31	GND
2	VCC K7CORE	32	GND
3	VCC K7CORE	33	GND
4	VCC K7CORE	34	GND
5	VCC K7CORE	35	COREFB
6	VCC K7CORE	36	GND
7	VCC K7CORE	37	GND
8	VCC K7CORE	38	COREFB
9	VCC K7CORE	39	VID(0)
10	VCC K7CORE	40	GND
11	VCC K7CORE	41	GND
12	VCC K7CORE	42	VID(1)
13	VCC K7CORE	43	VID(2)
14	VCC K7CORE	44	GND
15	VCC K7CORE	45	GND
16	VCC K7CORE	46	VID(3)
17	VCC K7CORE	47	VID(4)
18	VCC K7CORE	48	GND
19	VCC K7CORE	49	GND
20	VCC K7CORE	50	THERM
21	VCC K7CORE	51	GND
22	VCC K7CORE	52	GND
23	VCC K7CORE	53	GND
24	VCC K7CORE	54	GND
25	VCC K7CORE	55	VCC12
26	VCC K7CORE	56	VCC12
27	VCC K7CORE	57	VCC12
28	VCC K7CORE	58	VCC12
29	VCC K7CORE	59	VCC12
30	VCC K7CORE	60	VCC12

SD CARD I/F

CN108	
1	SD1 DT(3)
2	SD CMD(1)
3	GND
4	3VDUAL
5	SDCLK1
6	GND
7	SD1 DT(0)
8	SD1 DT(1)
9	SD1 DT(2)
10	-SD DT(1)
11	GND
12	-SD WP(1)

CN109	
1	SD2 DT(3)
2	SD CMD(2)
3	GND
4	3VDUAL
5	SDCLK2
6	GND
7	SD2 DT(0)
8	SD2 DT(1)
9	SD2 DT(2)
10	-SD CD(2)
11	GND
12	-SD WP(2)

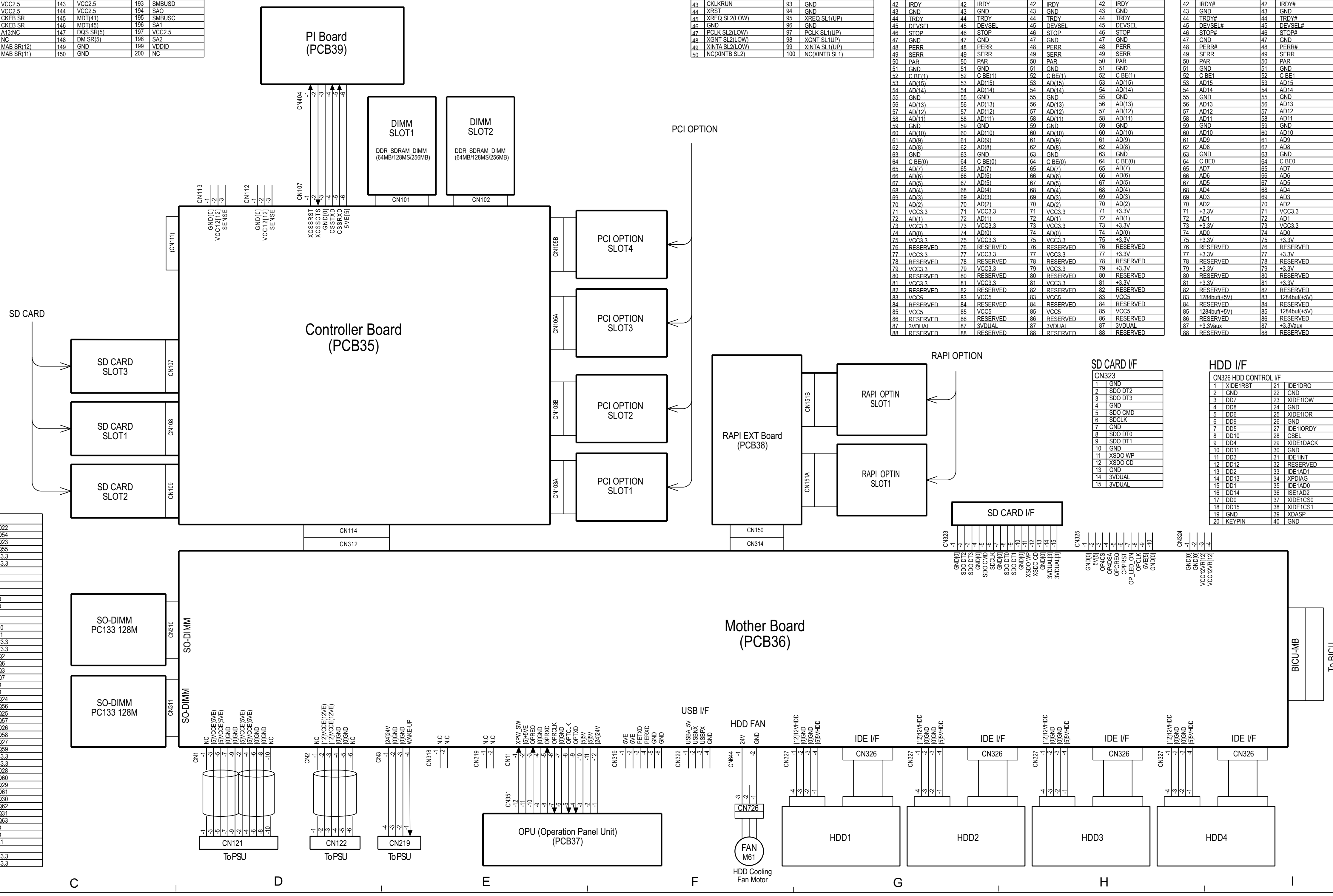
CN107	
1	SD3 DT(3)
2	SD CMD(3)
3	GND
4	3VDUAL
5	SDCLK3
6	GND
7	SD3 DT(0)
8	SD3 DT(1)
9	SD3 DT(2)
10	-SD CD(3)
11	GND
12	-SD WP(3)

1

SO-DIMM I/F

CN310 SO-DIMM I/F					
1	GND	49	MDQ13	97	MDQ22
2	GND	50	MDQ45	98	MDQ54
3	MDQ0	51	MDQ14	99	MDQ23
4	MDQ32	52	MDQ46	100	MDQ55
5	MDQ1	53	MDQ15	101	VCC3.3
6	MDQ33	54	MDQ47	102	VCC3.3
7	MDQ2	55	GND	103	MA6
8	MDQ34	56	GND	104	MA7
9	MDQ3	57	NC	105	MA8
10	MDQ35	58	NC	106	BA0
11	VCC3.3	59	NC	107	GND
12	VCC3.3	60	NC	108	GND
13	MDQ4	61	CLK0	109	MA9
14	MDQ36	62	CKE1	110	BA1
15	MDQ5	63	VCC3.3	111	MA10
16	MDQ37	64	VCC3.3	112	MA11
17	MDQ6	65	XRAS	113	VCC3.3
18	MDQ38	66	XCAS	114	VCC3.3
19	MDQ7	67	XRWE	115	MDQ2
20	MDQ39	68	CKE0	116	MDQ6
21	GND	69	XCS0	117	MDQ3
22	GND	70	MA12	118	MDQ7
23	MDQ0	71	XCS1	119	GND
24	MDQ4	72	GND	120	GND
25	MDQ1	73	NC	121	MDQ24
26	MDQ5	74	CLK1	122	MDQ56
27	VCC3.3	75	GND	123	MDQ25
28	VCC3.3	76	GND	124	MDQ57
29	MA0	77	NC	125	MDQ26
30	MA3	78	NC	126	MDQ58
31	MA1	79	NC	127	MDQ27
32	MA4	80	NC	128	MDQ59
33	MA2	81	VCC3.3	129	VCC3.3
34	MA5	82	VCC3.3	130	VCC3.3
35	GND	83	MDQ16	131	MDQ28
36	GND	84	MDQ48	132	MDQ60
37	MDQ8	85	MDQ17	133	MDQ29
38	MDQ40	86	MDQ49	134	MDQ61
39	MDQ9	87	MDQ18	135	MDQ30
40	MDQ41	88	MDQ50	136	MDQ62
41	MDQ10	89	MDQ19	137	MDQ31
42	MDQ42	90	MDQ51	138	MDQ63
43	MDQ11	91	GND	139	GND
44	MDQ43	92	GND	140	GND
45	VCC3.3	93	MDQ20	141	SDAO
46	VCC3.3	94	MDQ52	142	SCL
47	MDQ12	95	MDQ21	143	VCC3.3
48	MDQ44	96	MDQ53	144	VCC3.3

CN311 SO-DIMM I/F					
1	GND	49	MDQ13	97	MDQ22
2	GND	50	MDQ45	98	MDQ54
3	MDQ0	51	MDQ14	99	MDQ23
4	MDQ32	52	MDQ46	100	MDQ55
5	MDQ1	53	MDQ15	101	VCC3.3
6	MDQ33	54	MDQ47	102	VCC3.3
7	MDQ2	55	GND	103	MA6
8	MDQ34	56	GND	104	MA7
9	MDQ3	57	NC	105	MA8
10	MDQ35	58	NC	106	BA0
11	VCC3.3	59	NC	107	GND
12	VCC3.3	60	NC	108	GND
13	MDQ4	61	CLK2	109	MA9
14	MDQ36	62	CKE3	110	BA1
15	MDQ5	63	VCC3.3	111	MA10
16	MDQ37	64	VCC3.3	112	MA11
17	MDQ6	65	XRAS	113	VCC3.3
18	MDQ38	66	XCAS	114	VCC3.3
19	MDQ7	67	XRWE	115	MDQ2
20	MDQ39	68	CKE2	116	MDQ6
21	GND	69	XCS2	117	MDQ3
22	GND	70	MA12	118	MDQ7
23	MDQ0	71	XCS3	119	GND
24	MDQ4	72	GND	120	GND
25	MDQ1	73	NC	121	MDQ24
26	MDQ5	74	CLK3	122	MDQ56
27	VCC3.3	75	GND	123	MDQ25
28	VCC3.3	76	GND	124	MDQ57
29	MA0	77	NC	125	MDQ26
30	MA3	78	NC	126	MDQ58
31	MA1	79	NC	127	MDQ27
32	MA4	80	NC	128	MDQ59
33	MA2	81	VCC3.3	129	VCC3.3
34	MA5	82	VCC3.3	130	VCC3.3
35	GND	83	MDQ16	131	MDQ28
36	GND	84	MDQ48	132	MDQ60
37	MDQ8	85	MDQ17	133	MDQ29
38	MDQ40	86	MDQ49	134	MDQ61
39	MDQ9	87	MDQ18	135	MDQ30
40	MDQ41	88	MDQ50	136	MDQ62
41	MDQ10	89	MDQ19	137	MDQ31
42	MDQ42	90	MDQ51	138	MDQ63
43	MDQ11	91	GND	139	GND
44	MDQ43	92	GND	140	GND
45	VCC3.3	93	MDQ20	141	SDA1
46	VCC3.3	94	MDQ52	142	SCL
47	MDQ12	95	MDQ21	143	VCC3.3
48	MDQ44	96	MDQ53	144	VCC3.3



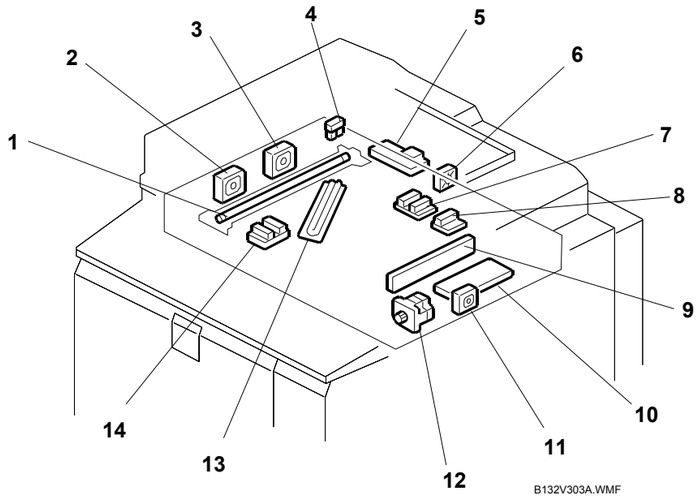
SD CARD I/F

CN323	
1	GND
2	SDO DT2
3	SDO DT3
4	GND
5	SDO CMD
6	SDCLK
7	GND
8	SDO DT0
9	SDO DT1
10	GND
11	XSDO WP
12	XSDO CD
13	GND
14	3VDUAL
15	3VDUAL

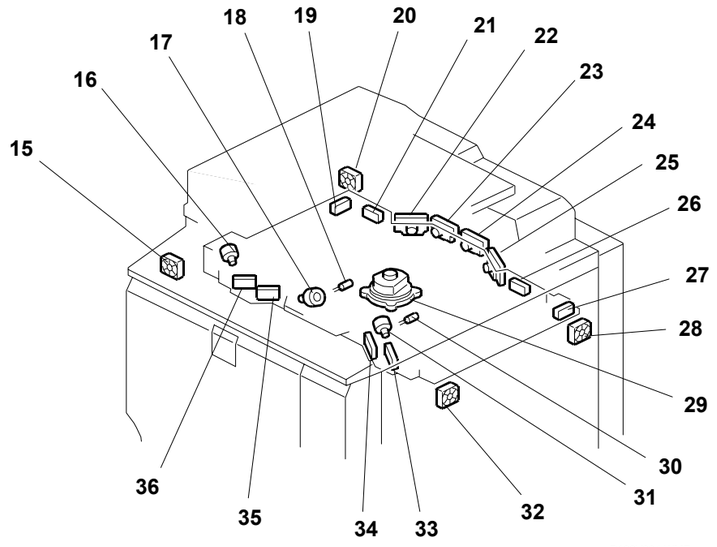
HDD I/F

CN326 HDD CONTROL I/F			
1	XIDE1RST	21	IDE1DRQ
2	GND	22	GND
3	DD7	23	XIDE1IOW
4	DD8	24	GND
5	DD6	25	XIDE1IOR
6	DD9	26	GND
7	DD5	27	IDE1IORDY
8	DD10	28	CSEL
9	DD4	29	XIDE1DACK
10	DD11	30	GND
11	DD3	31	IDE1INT
12	DD12	32	RESERVED
13	DD2	33	IDE1AD1
14	DD13	34	XPDIAG
15	DD1	35	IDE1AD0
16	DD14	36	ISE1AD2
17	DD0	37	XIDE1CS0
18	DD15	38	XIDE1CS1
19	GND	39	XDASP
20	KEYPIN	40	GND

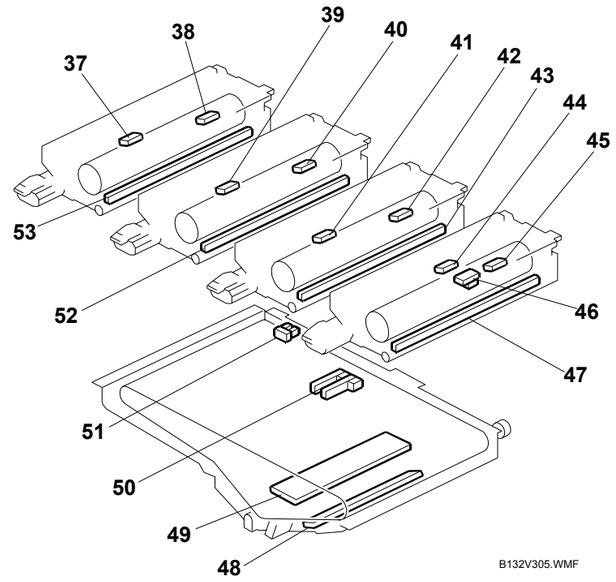
B132/B181/B200 ELECTRICAL COMPONENT LAYOUT (1/3)



B132V303A.WMF



B132V304.WMF



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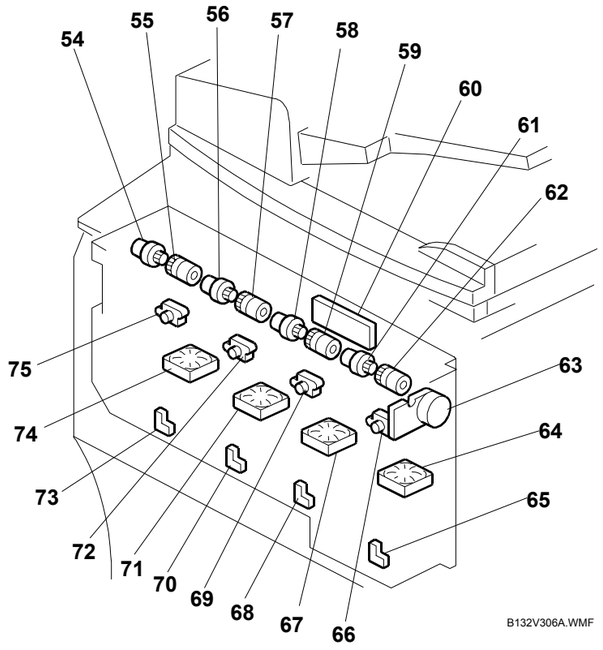
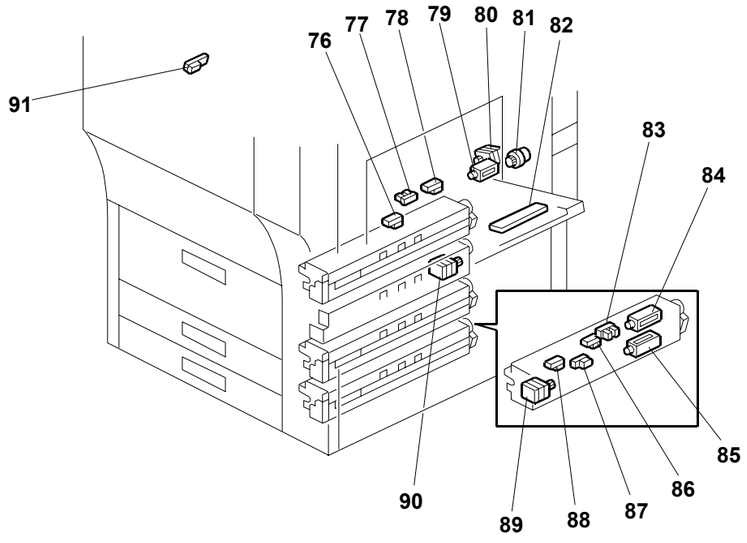
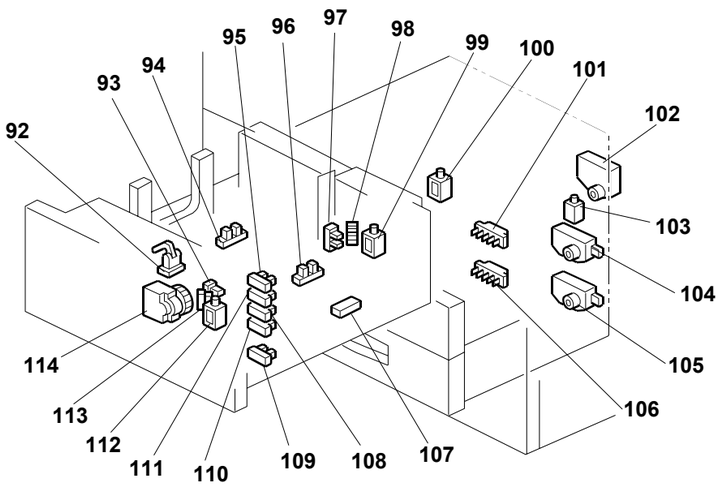


B132V306A.WMF



B132V310A.WMF



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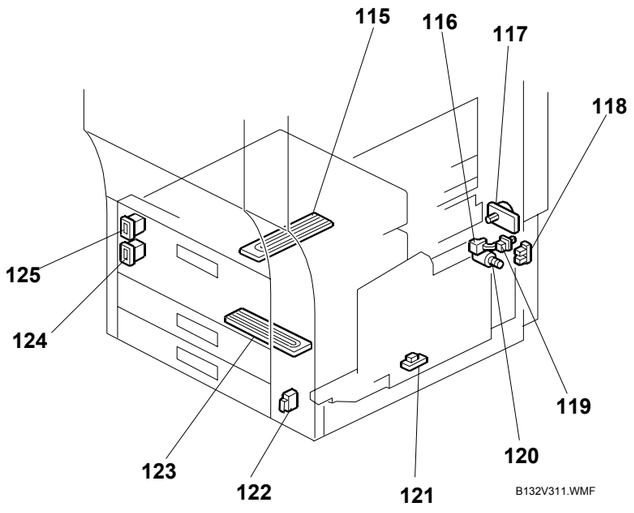
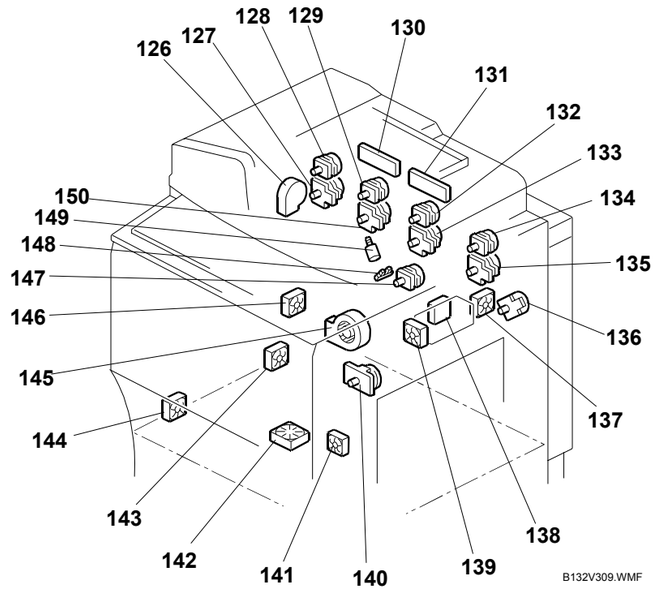
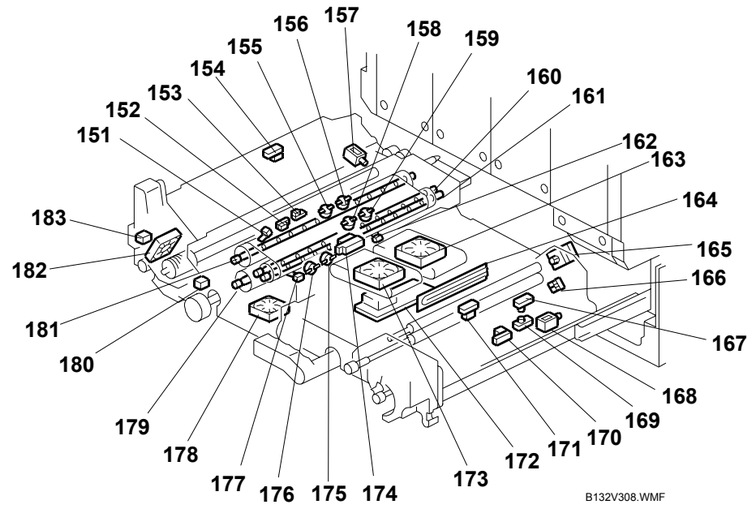
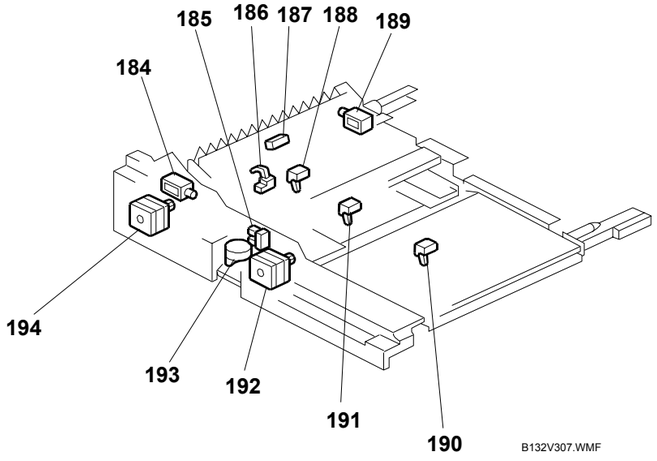
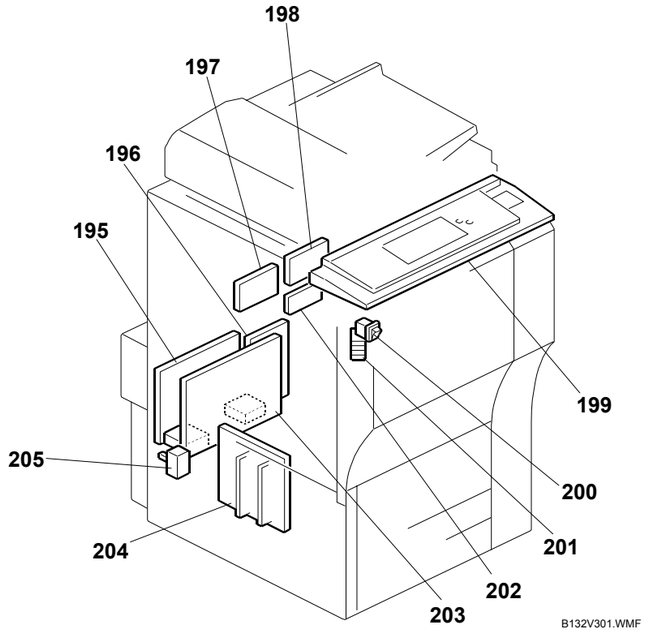
B132/B181/B200 ELECTRICAL COMPONENT LAYOUT (2/3)

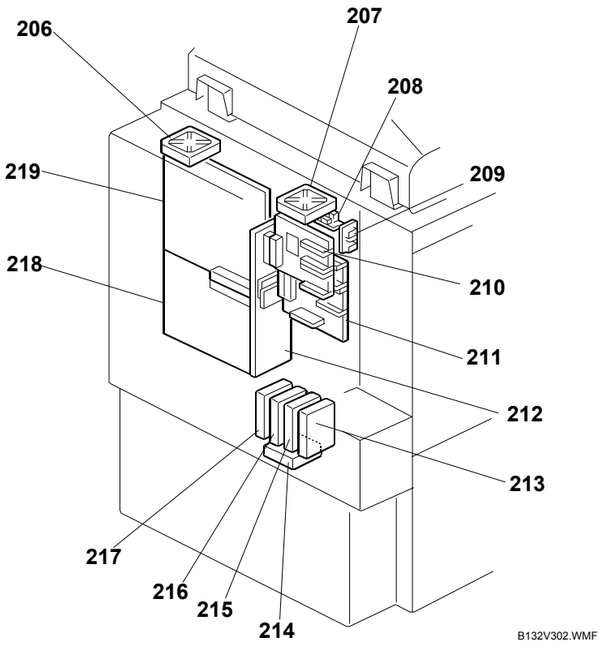












B132/B181/B200 ELECTRICAL COMPONENT LAYOUT (3/3)

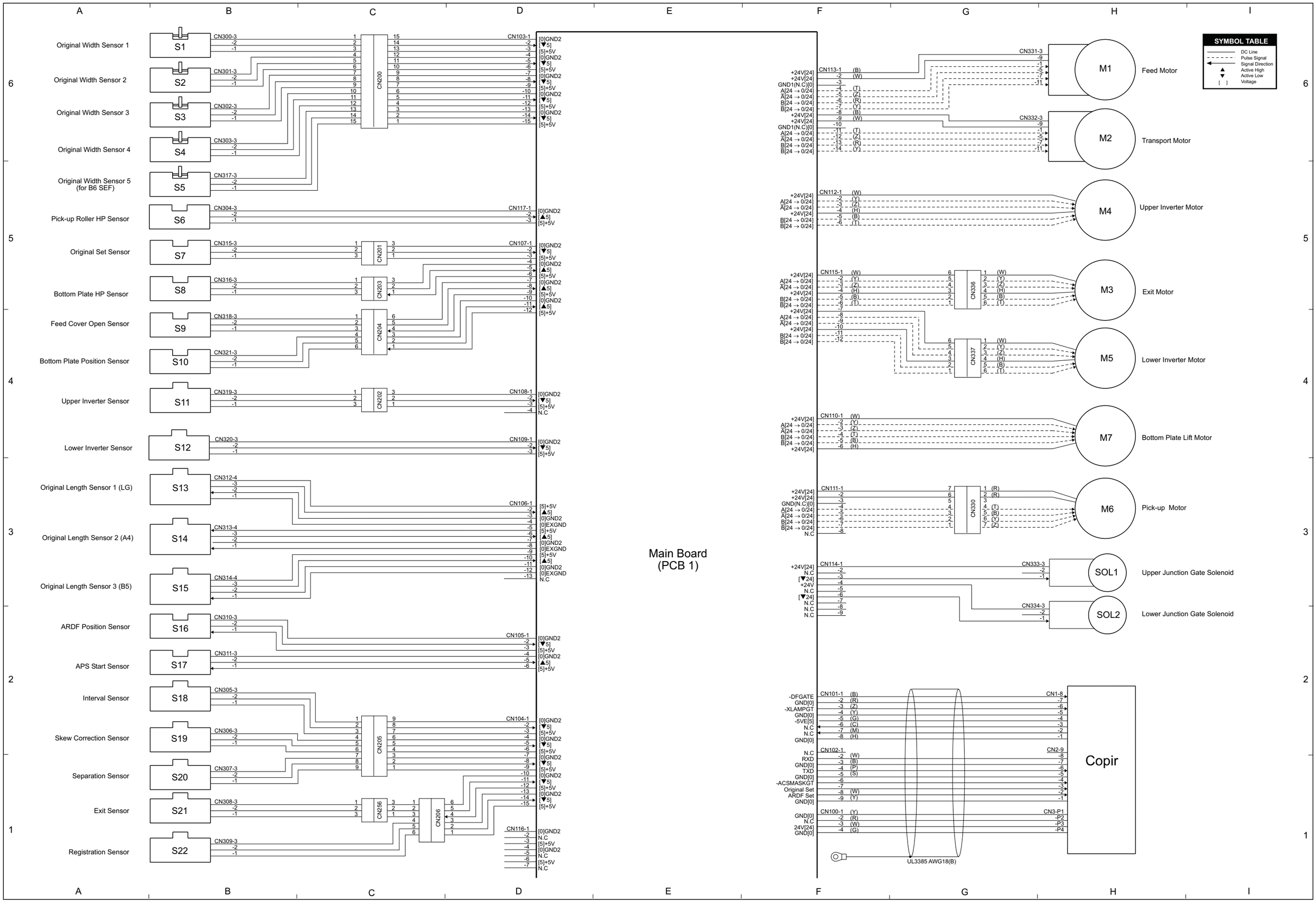
Symble	Name	Index No.	P to P	Page
Boards				
PCB1	PFC (Paper Feed Control)	196	B6	1/4
PCB2	AC Drive Board	204	D4	1/4
PCB3	PSU (Power Supply Unit)	203	F3	1/4
PCB4	DRB (Drive Board)	198	B3	3/4
PCB5	IOB (Input Output Board)(2/2)	218	A4	2/4
	IOB (Input Output Board)(1/2)		C4	3/4
PCB6	Power Pack: Development Bias	131	G2	3/4
PCB7	Power Pack: Charge	195	H2	3/4
PCB8	Power Pack: Transfer	49	E4	3/4
PCB9	Power Pack: Separation	172	D4	3/4
PCB10	DMB (Drum Motor Board)	197	G5	3/4
PCB11	TMB (Transfer Motor Board)	202	G5	3/4
PCB12	Potential Sensor Board	130	F2	3/4
PCB13	PPB (Peltier Board)	208	A6	2/4
PCB14	CNB (Connector Board)	60	C4	2/4
PCB15	IDCB - C1	70	D5	2/4
PCB16	IDCB - M1	68	D5	2/4
PCB17	IDCB - K1	65	D5	2/4
PCB18	IDCB - Y1	73	D4	2/4
PCB19	SBU (Sensor Board Unit)	9	F4	2/4
PCB20	SIOB (Scanner Interface Board)	10	G5	2/4
PCB21	Lamp Regulator	5	G6	2/4
PCB22	BICU	219	F3	2/4
PCB23	LD 1 - Y (1/2)	23	D1	2/4
	LD 1 - Y (2/2)		G4	2/4
PCB24	LD 2 - C (1/2)	22	D1	2/4
	LD 2 - C (2/2)		H4	2/4
PCB25	LD 3 - M (1/2)	24	E1	2/4
	LD 3 - M (2/2)		G4	2/4
PCB26	LD 4 - K (1/2)	25	E1	2/4
	LD 4 - K (2/2)		G4	2/4
PCB27	LSDB - K (Front)	27	F1	2/4
PCB28	LSDB - M (Front)	26	F1	2/4
PCB29	LSDB - C (Front)	21	F1	2/4
PCB30	LSDB - Y (Front)	19	F1	2/4
PCB31	LSDB - Y (Rear)	36	F1	2/4
PCB32	LSDB - C (Rear)	35	F1	2/4
PCB33	LSDB - M (Rear)	34	G1	2/4
PCB34	LSDB - K (Rear)	33	G1	2/4
PCB35	Controller Board	211	D3	4/4
PCB36	Mother Board	212	E4	4/4
PCB37	OPU (Operation Panel Unit)	199	E4	4/4
PCB38	RAPI EXT Board	210	F2	4/4
PCB39	PI Board	209	D4	4/4
Solenoid				
SOL1	Pick–up Solenoid - Tray 2	84	A6	1/4
SOL2	Separation Roller Solenoid - Tray 2	85	A6	1/4
SOL3	Pick–up Solenoid - Tray 3	84	A6	1/4
SOL4	Separation Roller Solenoid - Tray 3	85	A5	1/4
SOL5	Pick–up Solenoid - Tray 1	84	A4	1/4
SOL6	Separation Roller Solenoid - Tray 1	85	A4	1/4
SOL7	Front Side Fence Solenoid -Tray 1	112	D2	1/4
SOL8	Rear Side Fence Solenoid - Tray 1	99	D2	1/4
SOL9	Right Tray Lock Solenoid - Tray 1	103	D1	1/4
SOL10	Left Tray Lock Solenoid - Tray 1	100	D1	1/4
SOL11	Duplex Junction Gate Solenoid	157	A2	3/4
SOL12	Positioning Roller Solenoid	184	A2	3/4
SOL13	Guide Plate Solenoid	168	C6	3/4
SOL14	Inverter Junction Gate Solenoid	189	E5	3/4
SOL15	Bypass Pick–up Solenoid	79	C5	3/4
Switch				
SW1	Lower Front Door Switch	122	C4	1/4
SW2	Main Power Switch	200	H3	1/4
SW3	Upper Front Door Switches (x2)	201	H1	2/4
	Upper Front Door Switches (x3)		A6	3/4
SW4	Paper Size Switch - Tray 2	101	A3	1/4
SW5	Paper Size Switch - Tray 3	106	A3	1/4

Symble	Name	Index No.	P to P	Page
Motor				
M1	Scanner Motor	12	G6	2/4
M2	Lower Relay Motor	90	A5	1/4
M3	Paper Feed Motor - Tray 1	89	A5	1/4
M4	Paper Feed Motor - Tray 3	89	A5	1/4
M5	Paper Feed Motor - Tray 2	89	A4	1/4
M6	Waste Toner Distribution Motor	120	A1	1/4
M7	Lift Motor - Tray 2	104	A3	1/4
M8	Lift Motor - Tray 3	105	A3	1/4
M9	Lift Motor - Tray 1	102	A3	1/4
M10	Rear Fence Motor - Tray 1	114	D1	1/4
M11	ITB Lift Motor	149	A5	3/4
M12	Ozone Fan Motor	145	A5	3/4
M13	Fusing Fan Motor	126	A5	3/4
M14	Fusing Cooling Fan Motor	15	A5	3/4
M15	Fusing Exhaust Fan Motor	20	A5	3/4
M16	Fusing/Exit Motor	140	A4	3/4
M17	PTR Motor	147	A4	3/4
M18	Bypass Feed Motor	80	A4	3/4
M19	Duplex Jogger Motor	193	A2	3/4
M20	Duplex Unit Fan Motor	142	A2	3/4
M21	Duplex Transport Motor	192	A2	3/4
M22	Duplex Inverter Motor	194	A1	3/4
M23	Registration Motor	165	B6	3/4
M24	Image Transfer Fan Motor	178	D5	3/4
M25	Pipe Cooling Fan Motor	182	E5	3/4
M26	Paper Transport Fan Motor - Rear	163	E5	3/4
M27	Paper Transport Fan Motor - Front	173	E5	3/4
M28	Paper Exit Fan Motor	146	H4	3/4
M29	Front Duplex Fan Motor	144	H4	3/4
M30	Rear Duplex Fan Motor	143	H4	3/4
M31	ID Sensor Dust Fan Motor	141	C1	3/4
M32	Peltier Cooling Fan Motor	137	C1	3/4
M33	Peltier Circulation Fan Motor	139	C1	3/4
M34	Laser Unit Fan Motor - Front	32	C1	3/4
M35	Laser Unit Fan Motor - Rear	28	C1	3/4
M36	PCU Motor - M	132	E2	3/4
M37	PCU Motor - K	134	F2	3/4
M38	PCU Motor - Y	128	F2	3/4
M39	PCU Motor - C	129	F2	3/4
M40	Controller Box Exhaust Fan Motor 2	206	F2	3/4
M41	Controller Box Exhaust Fan Motor 1	207	F2	3/4
M42	Drum Motor - Y	127	F6	3/4
M43	Drum Motor - C	150	G6	3/4
M44	Drum Motor - M	133	G6	3/4
M45	Drum Motor - K	135	H6	3/4
M46	ITB Drive Motor	136	H6	3/4
M47	3rd Mirror Motor - M	31	A1	2/4
M48	Polygon Mirror Motor	29	A1	2/4
M49	3rd Mirror Motor - Y	16	A1	2/4
M50	3rd Mirror Motor - C	17	B1	2/4
M51	Toner Hopper Motor	63	B6	2/4
M52	PCU Fan Motor - Y	74	D4	2/4
M53	PCU Fan Motor - C	71	D4	2/4
M54	PCU Fan Motor - M	67	D4	2/4
M55	PCU Fan Motor - K	64	D4	2/4
M56	Scanner Fan Motor - Rear Left	3	F6	2/4
M57	Scanner Fan Motor - Rear Center	6	F6	2/4
M58	Scanner Fan Motor - Front Left	2	F6	2/4
M59	Scanner Fan Motor - Right	11	F6	2/4
M60	Waste Toner Collection Bottle Motor	117	A1	1/4
M61	HDD Cooling Fan Motor	214	F1	4/4
Clutch				
MC1	Bypass Feed Clutch	81	C5	3/4
MC2	Toner Pump Clutch - M	58	D6	2/4
MC3	Toner Supply Clutch - M	59	D6	2/4
MC4	Toner Pump Clutch - K	61	D6	2/4
MC5	Toner Supply Clutch - K	62	D6	2/4
MC6	Toner Pump Clutch - Y	54	D6	2/4
MC7	Toner Supply Clutch - Y	55	D6	2/4
MC8	Toner Pump Clutch - C	56	D6	2/4
MC9	Toner Supply Clutch - C	57	D6	2/4

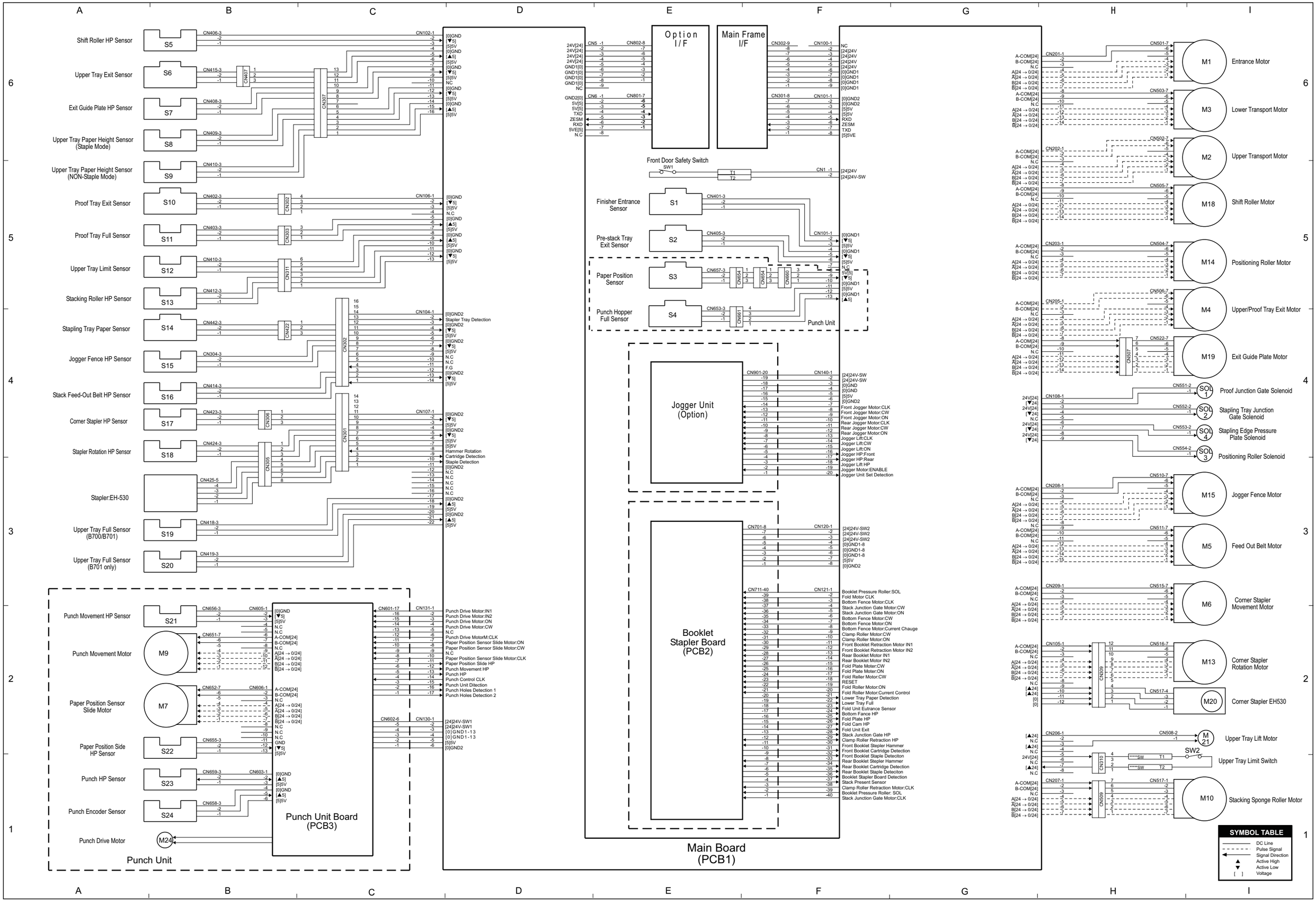
Symble	Name	Index No.	P to P	Page
Sensor				
S1	ID Sensor - Black	48	F4	3/4
S2	ID Sensor - Color	48	F4	3/4
S3	ITB Lift Sensor	51	F4	3/4
S4	MUSIC Sensor - Center	48	F4	3/4
S5	MUSIC Sensor - Front	48	F4	3/4
S6	MUSIC Sensor - Rear	48	F4	3/4
S7	Paper Feed Sensor - Tray 2	88	A6	1/4
S8	Vertical Transport Sensor - Tray 2	87	A6	1/4
S9	Paper End Sensor - Tray 2	86	A6	1/4
S10	Lift Sensor - Tray 2	83	A6	1/4
S11	Paper Feed Sensor - Tray 3	88	A6	1/4
S12	Vertical Transport Sensor - Tray 3	87	A6	1/4
S13	Paper End Sensor - Tray 3	86	A5	1/4
S14	Lift Sensor - Tray 3	83	A5	1/4
S15	Bottom Temperature/Humidity Sensor	121	A1	1/4
S16	Waste Toner Bottle Near-Full Sensor	118	A1	1/4
S17	Waste Toner Bottle Set Sensor	116	A1	1/4
S18	Waste Toner Bottle Full Sensor	119	A1	1/4
S19	Paper Feed Sensor - Tray 1	88	A4	1/4
S20	Vertical Transport Sensor - Tray 1	87	A4	1/4
S21	Paper End Sensor - Tray 1	86	A4	1/4
S22	Lift Sensor - Tray 1	83	A4	1/4
S23	Paper Near End Sensor - Tray 2 (Inside Lift Motor)	104	A3	1/4
S24	Paper Near End Sensor - Tray 3 (Inside Lift Motor)	105	A3	1/4
S25	Front Side Fence Open Sensor	113	D3	1/4
S26	Front Side Fence Closed Sensor	93	D3	1/4
S27	Rear Side Fence Open Sensor	98	D3	1/4
S28	Rear Side Fence Closed Sensor	97	D3	1/4
S29	Right Tray Down Sensor	109	D2	1/4
S30	Paper Near End Sensor - Tray 1	95	D2	1/4
S31	Paper Height Sensor 1	111	D2	1/4
S32	Paper Height Sensor 2	108	D2	1/4
S33	Paper Height Sensor 3	110	D2	1/4
S34	Right Tray Paper Sensor	107	D2	1/4
S35	Rear Fence HP Sensor	94	D1	1/4
S36	Rear Fence Return Sensor	96	D1	1/4
S37	Left Tray Paper Sensor	92	D1	1/4
S38	Heating Roller Temperature Sensor	174	H6	1/4
S39	Waste Toner Lock Sensor	148	A4	3/4
S40	Duplex Transport Sensor 1	188	A3	3/4
S41	Duplex Inverter Sensor	186	A3	3/4
S42	Duplex Entrance Sensor	187	A3	3/4
S43	Duplex Transport Sensor 3	190	A2	3/4
S44	Duplex Transport Sensor 2	191	A2	3/4
S45	Duplex Jogger HP Sensor	185	A2	3/4
S46	Double–Feed Detection Sensor	167	C6	3/4
S47	Guide Plate position Sensor	166	C6	3/4
S48	Relay Sensor	170	C6	3/4
S49	Registration Sensor	171	C6	3/4
S50	Paper Exit Sensor	154	E5	3/4
S51	Bypass Paper Feed Sensor	78	C5	3/4
S52	Bypass Paper End Sensor	77	C5	3/4
S53	Bypass Paper Size Sensor	82	D5	3/4
S54	Paper Exit Relay Sensor	91	H4	3/4
S55	Copy Tray Full Sensor (Option)	-	H4	3/4
S56	TD Sensor - M	42	D1	3/4
S57	TD Sensor - K	45	D1	3/4
S58	Temperature/Humidity Sensor - PCU K	46	D1	3/4
S59	TD Sensor - Y	38	D1	3/4
S60	TD Sensor - C	40	E1	3/4

Symble	Name	Index No.	P to P	Page
Sensor				
S61	ITB Position Sensor 2	50	I6	3/4
S62	ITB Position Sensor 1	50	I6	3/4
S63	Potential Sensor - K	44	F1	3/4
S64	Potential Sensor - M	41	F1	3/4
S65	Potential Sensor - C	39	F1	3/4
S66	Potential Sensor - Y	37	G1	3/4
S67	Temperature Sensor - Optics 1	18	A1	2/4
S68	Temperature Sensor - Optics 2	30	A1	2/4
S69	Toner End Sensor - M	69	B6	2/4
S70	Toner End Sensor - K	66	B6	2/4
S71	Toner End Sensor - Y	75	B6	2/4
S72	Toner End Sensor - C	72	B6	2/4
S73	Scanner HP Sensor	4	F6	2/4
S74	Original Width Sensor	14	G6	2/4
S75	Original Length Sensor 1	7	G6	2/4
S76	Original Length Sensor 2	8	G6	2/4
S77	Accordion Jam Sensor	152	H4	1/4
S78	Fusing Exit Sensor	153	H4	1/4
S79	LCT Relay Sensor	76	A4	3/4
Counter				
TC1	Total Counter - FC	125	H4	3/4
TC2	Total Counter - K	124	H4	3/4
Circuit Breaker				
CB1	Circuit Breaker	205	D5	1/4
Heater				
H1	Lower Tray Heater	123	D6	1/4
H2	Anti-condensation Heater - Scanner (Option)	13	E6	1/4
H3	Anti-condensation Heater -Transfer	164	D6	1/4
H4	Upper Tray Heater	115	E6	1/4
HDD				
HDD1	HDD 1	217	G1	4/4
HDD2	HDD 2	216	G1	4/4
HDD3	HDD 3	215	H1	4/4
HDD4	HDD 4	213	H1	4/4
Lamp				
L1	Exposure Lamp	1	G6	2/4
L2	Heating Roller Fusing Lamp 1	160	H5	1/4
L3	Heating Roller Fusing Lamp 2	161	H5	1/4
L4	Hot Roller Fusing Lamp	181	H5	1/4
L5	Pressure Roller Fusing Lamp	179	H4	1/4
Quenching Lamp				
QL1	Quenching Lamp - K	47	D1	3/4
QL2	Quenching Lamp - C	52	D1	3/4
QL3	Quenching Lamp - M	43	E1	3/4
QL4	Quenching Lamp - Y	53	E1	3/4
Thermistor				
TH1	Heating Roller Thermistor	177	H6	1/4
TH2	Hot Roller Thermistor	151	H6	1/4
TH3	Pressure Roller Thermistor	162	H4	1/4
Thermostat				
TS1	Pressure Roller Thermostat 1	176	H4	1/4
TS2	Pressure Roller Thermostat 2	175	H4	1/4
TS3	Thermostat 1	155	H5	1/4
TS4	Thermostat 2	156	H5	1/4
TS5	Thermostat 3	158	H5	1/4
TS6	Thermostat 4	159	H5	1/4
LED				
LED1	Double–Feed Detection LED	169	B6	3/4
LED2	Fusing Jam Indicator	180	D5	3/4
LED3	Exit Jam Indicator	183	D5	3/4
Peltier Element				
PEL1	Peltier Element	138	A6	2/4

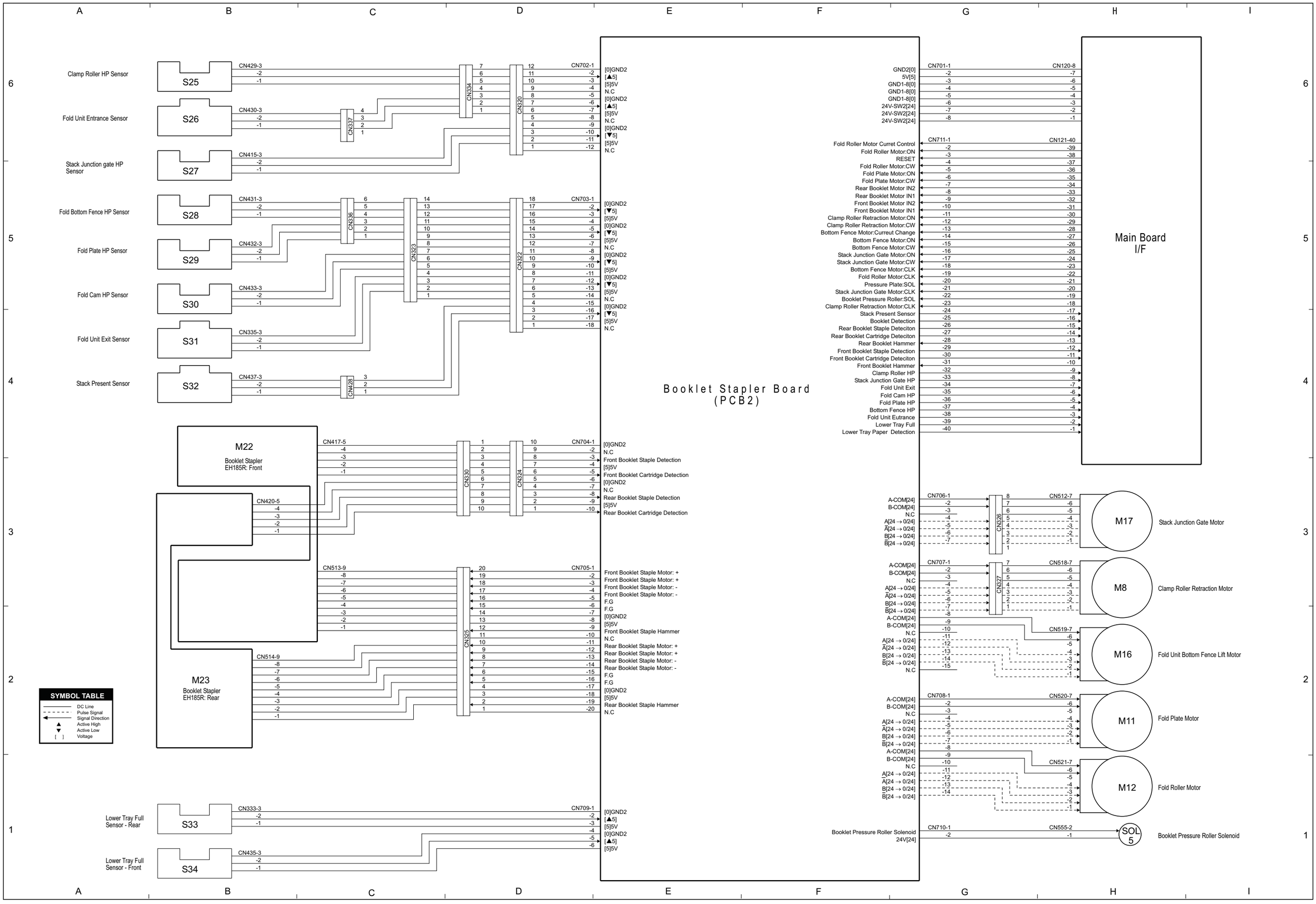
ADF(FOR B132/B181/B200) POINT TO POINT DIAGRAM



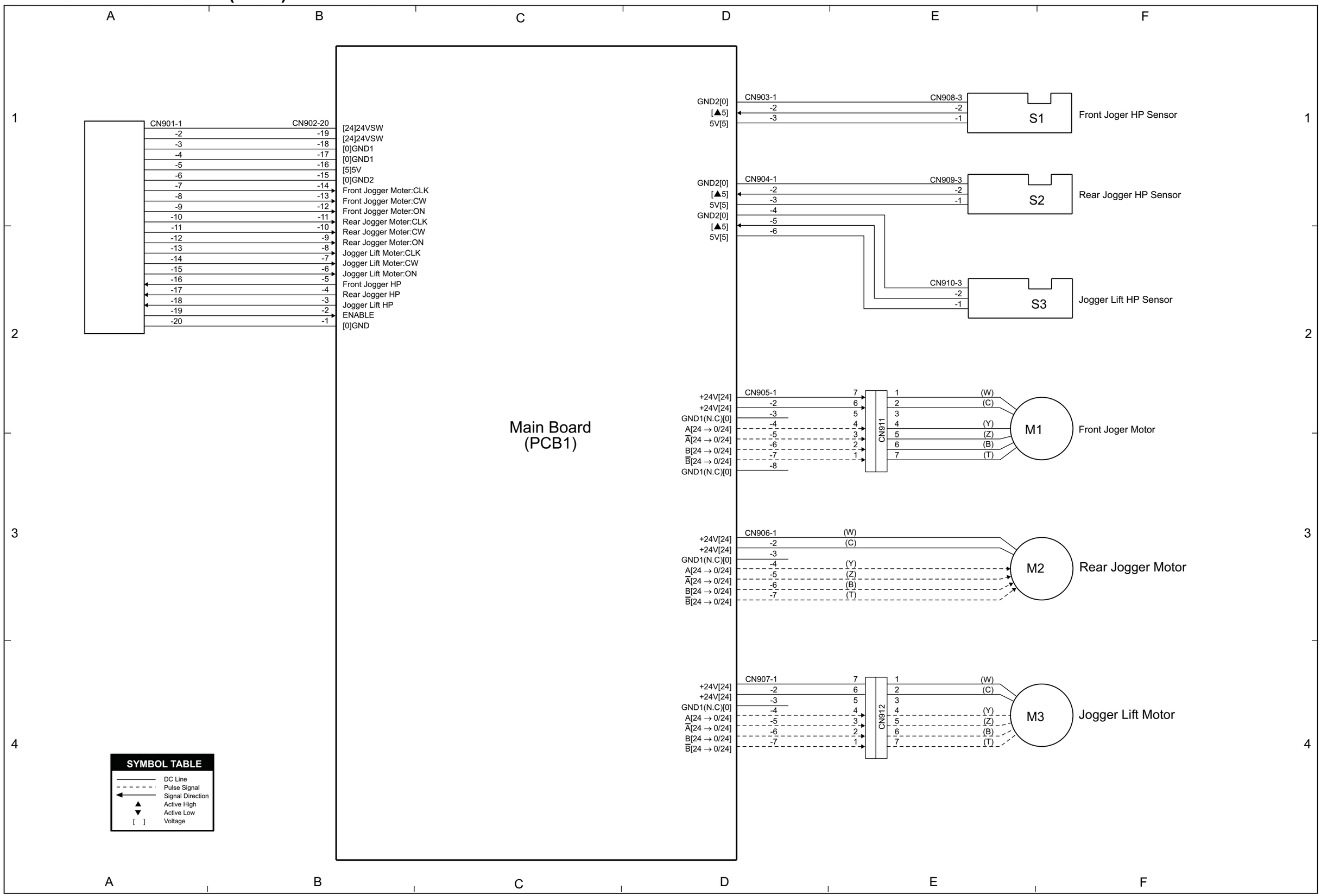
2000/3000 SHEET FINISHER(B700/B701)POINT TO POINT DIAGRAM(1/2)



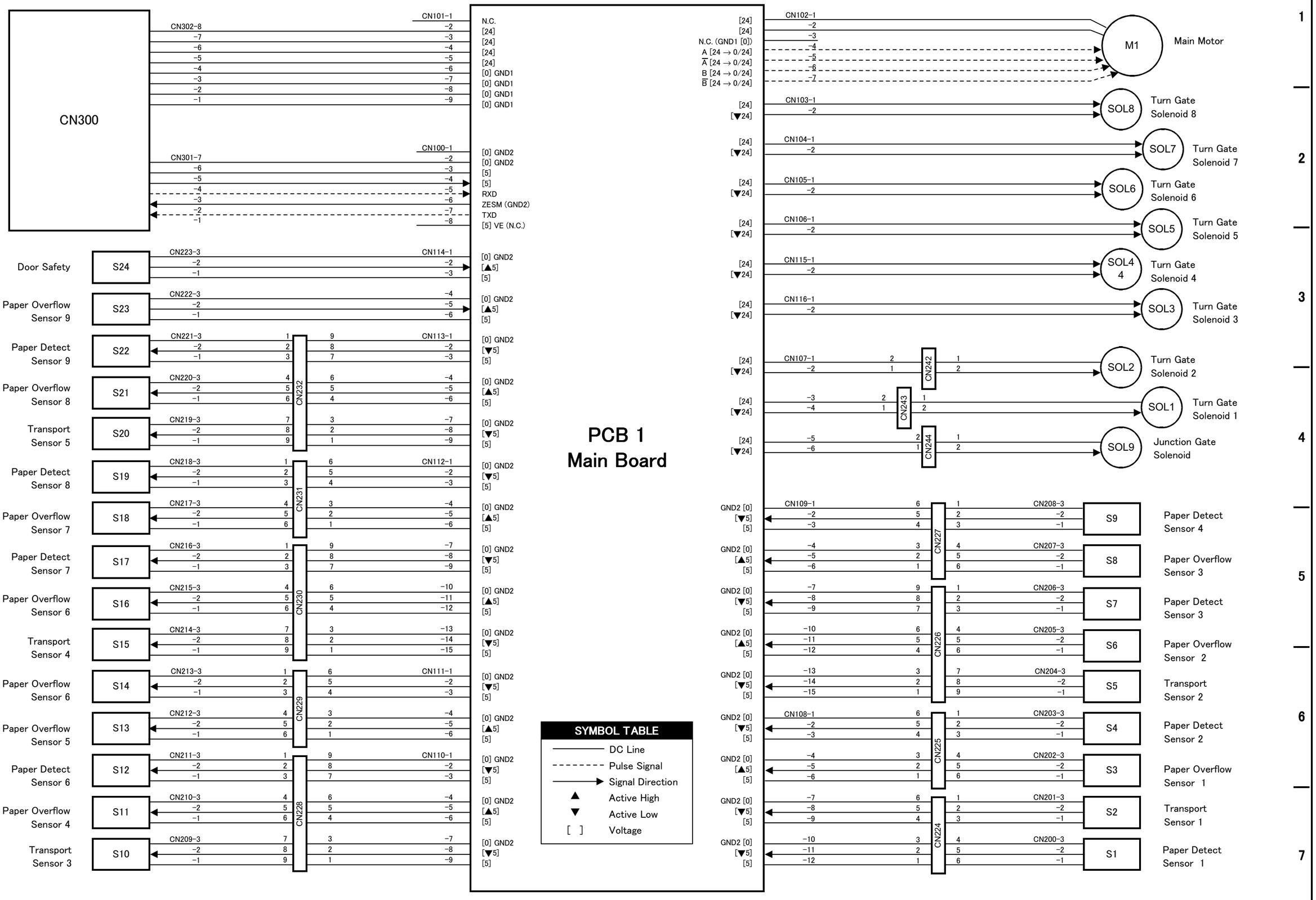
2000/3000 SHEET FINISHER(B700/B701)POINT TO POINT DIAGRAM(2/2)



OUTPUT JOGGER UNIT(B703) POINT TO POINT DIAGRAM



MAILBOX (B762) POINT TO POINT DIAGRAM



COVER INTERPOSER (B704) POINT TO POINT DIAGRAM

SYMBOL TABLE

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

PCB1
Main Board

JCN200

CN200-7 -6 -5 -4 -3 -2 -1 → CN100-1 -2 -3 -4 -5 -6 -7 -8

N.C.
[0] GND2
[5]
[N.C.]
RXD
ZESM
TXD
[5] VE

CN201-8 -7 -6 -5 -4 -3 -2 -1 → CN101-1 -2 -3 -4 -5 -6 -7 -8 -9

N.C.
[24]
[24]
[24]
[24]
[0] GND1
[0] GND1
[0] GND1
[0] GND1

[24]
[24]
GND1 [0]
A [24 → 0/24]
$\overline{A}$ [24 → 0/24]
B [24 → 0/24]
$\overline{B}$ [24 → 0/24]

CN102-1 -2 -3 -4 -5 -6 -7 → CN202 (3 9 1 5 7 11) → M1 — Feed Motor

[24]
[24]
GND1 [0]
A [24 → 0/24]
$\overline{A}$ [24 → 0/24]
B [24 → 0/24]
$\overline{B}$ [24 → 0/24]

CN103-1 -2 -3 -4 -5 -6 → CN204 (6 5 4 3 2 1 / 1 2 3 4 5 6) → M3 — Bottom Plate Motor

[24]
A [24 → 0/24]
$\overline{A}$ [24 → 0/24]
B [24 → 0/24]
$\overline{B}$ [24 → 0/24]
[24]

CN104-1 -2 -3 -4 -5 -6 -7 → M4 — Relay Motor

[24]
[24]
GND1 [0]
A [24 → 0/24]
$\overline{A}$ [24 → 0/24]
B [24 → 0/24]
$\overline{B}$ [24 → 0/24]

Cover Set Sensor — S1 — CN205-3 -2 -1 → CN105-1 -2 -3 — [0] GND2 [▲5] [5]

Bottom Plate Position Sensor — S2 — CN206-3 -2 -1 → -4 -5 -6 — [0] GND2 [▲5] [5]

Near End Sensor — S3 — CN207-3 -2 -1 → CN306 (1 2 3 / 3 2 1) → -7 -8 -9 — [▲5] [0] GND2 [5]

Feed Sensor — S4 — CN208-3 -2 -1 → CN301 (1 2 3 / 6 5 4) → CN106-1 -2 -3 — [0] GND2 [▼5] [5]

Bottom Plate H.P. Sensor — S5 — CN209-3 -2 -1 → CN301 (4 5 6 / 3 2 1) → -4 -5 -6 — [0] GND2 [▲5] [5]

Pull-out Sensor — S6 — CN210-3 -2 -1 → CN302 (1 2 3 / 6 5 4) → -7 -8 -9 — [0] GND2 [▼5] [5]

Guide Plate Set Sensor — S7 — CN211-3 -2 -1 → CN302 (4 5 6 / 3 2 1) → -10 -11 -12 — [0] GND2 [▲5] [5]

Exit Sensor — S8 — CN212-3 -2 -1 → CN303 (1 2 3 / 3 2 1) → -13 -14 -15 — [0] GND2 [▲5] [5]

GND2 [0]
[▼5]
[5]

GND2 [0]
[▲5]
[5]
N.C.
GND2 [0]
[▲5]
[5]

GND2 [0]
[▲5]
[5]

[5]
[▲5]
GND2 [0]
EXGND [0]

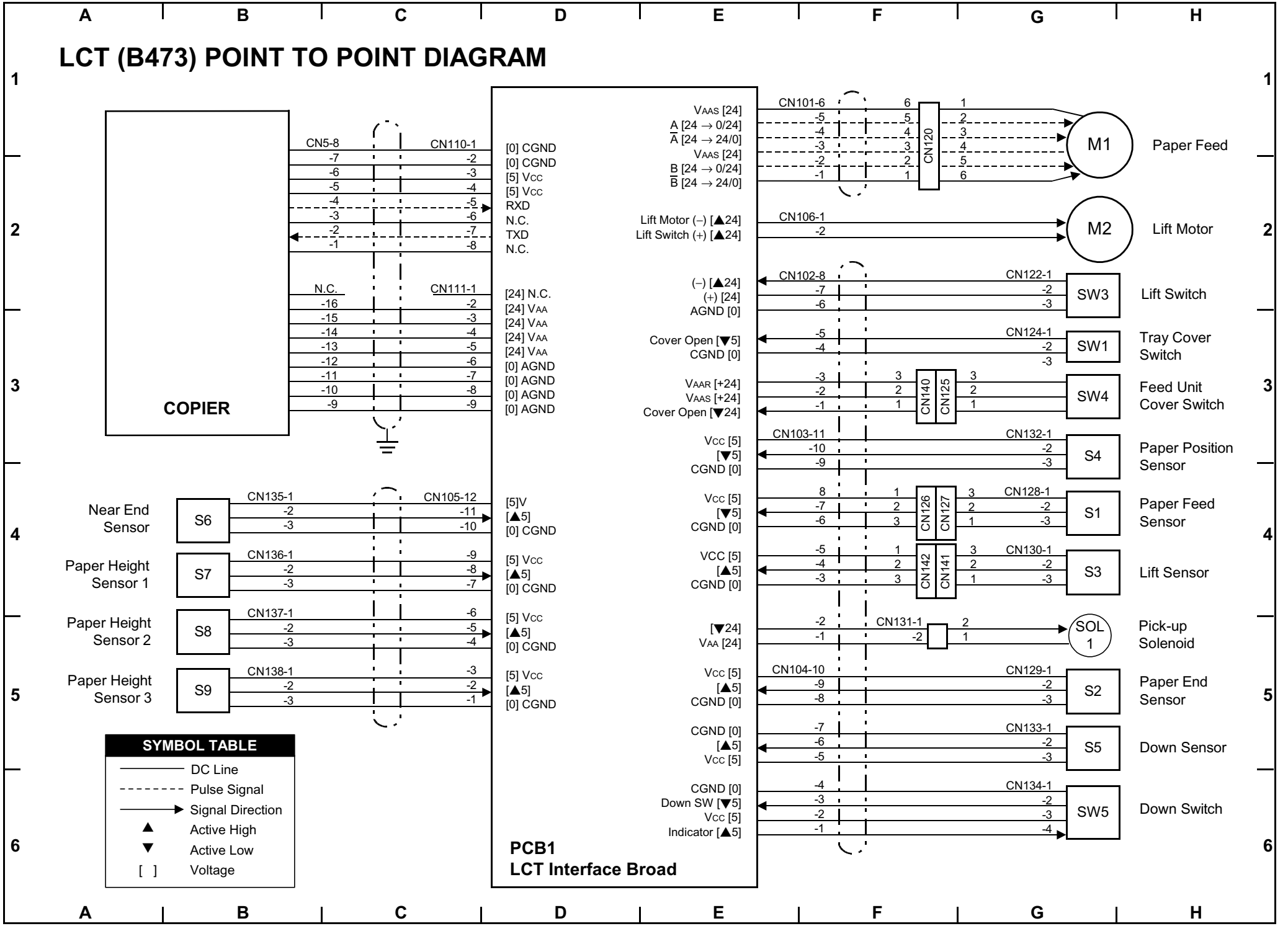
[5]
[▲5]
GND2 [0]
EXGND [0]

[5]
[▲5]
GND2 [0]
EXGND [0]

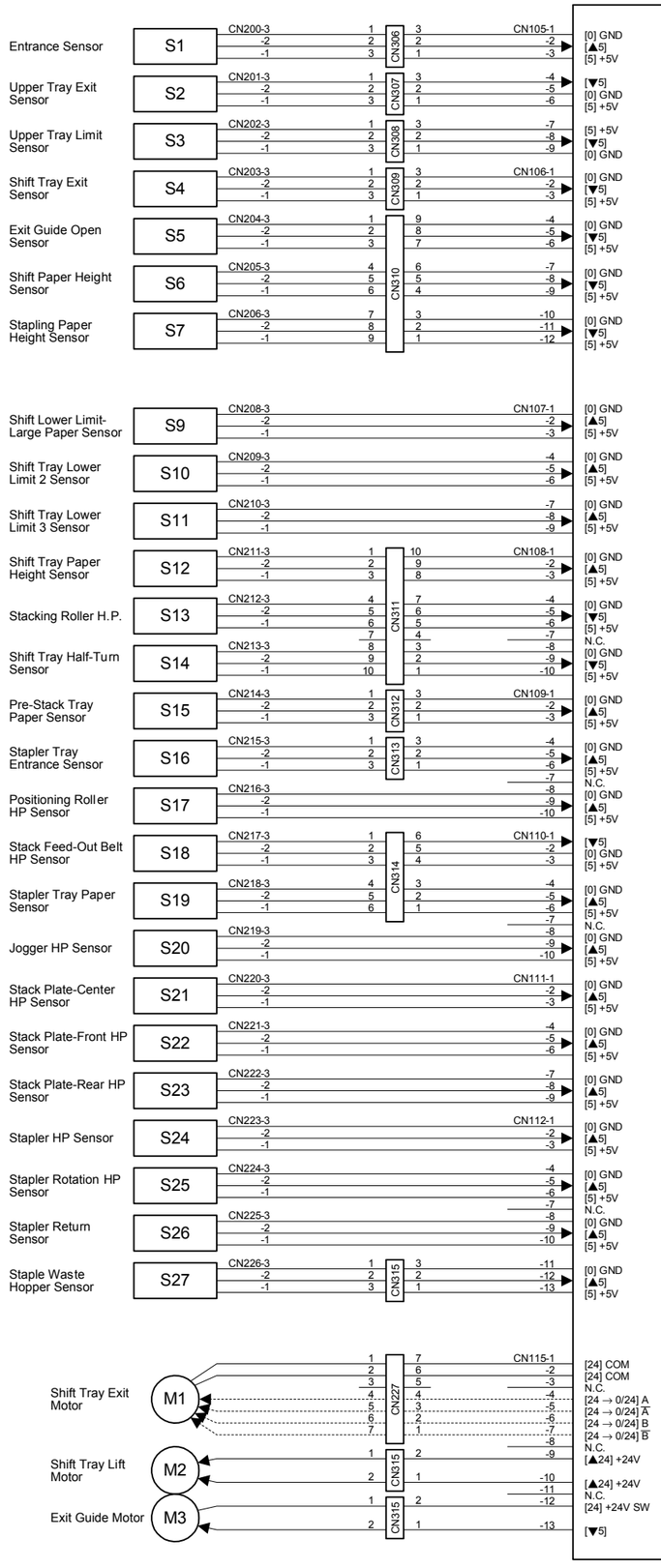
CN107-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 → CN304 (13 12 11 10 9 8 7 6 5 4 3 2 1 / 1 2 3 4 5 6 7 8 9 10 11 12 13) → CN213-3 -2 -1 → S9 — Paper Set Sensor; CN214-3 -2 -1 → S10 — Paper Width Sensor 1; CN215-3 -2 -1 → S11 — Paper Width Sensor 2; CN216-3 -2 -1 → S12 — Paper Width Sensor 3

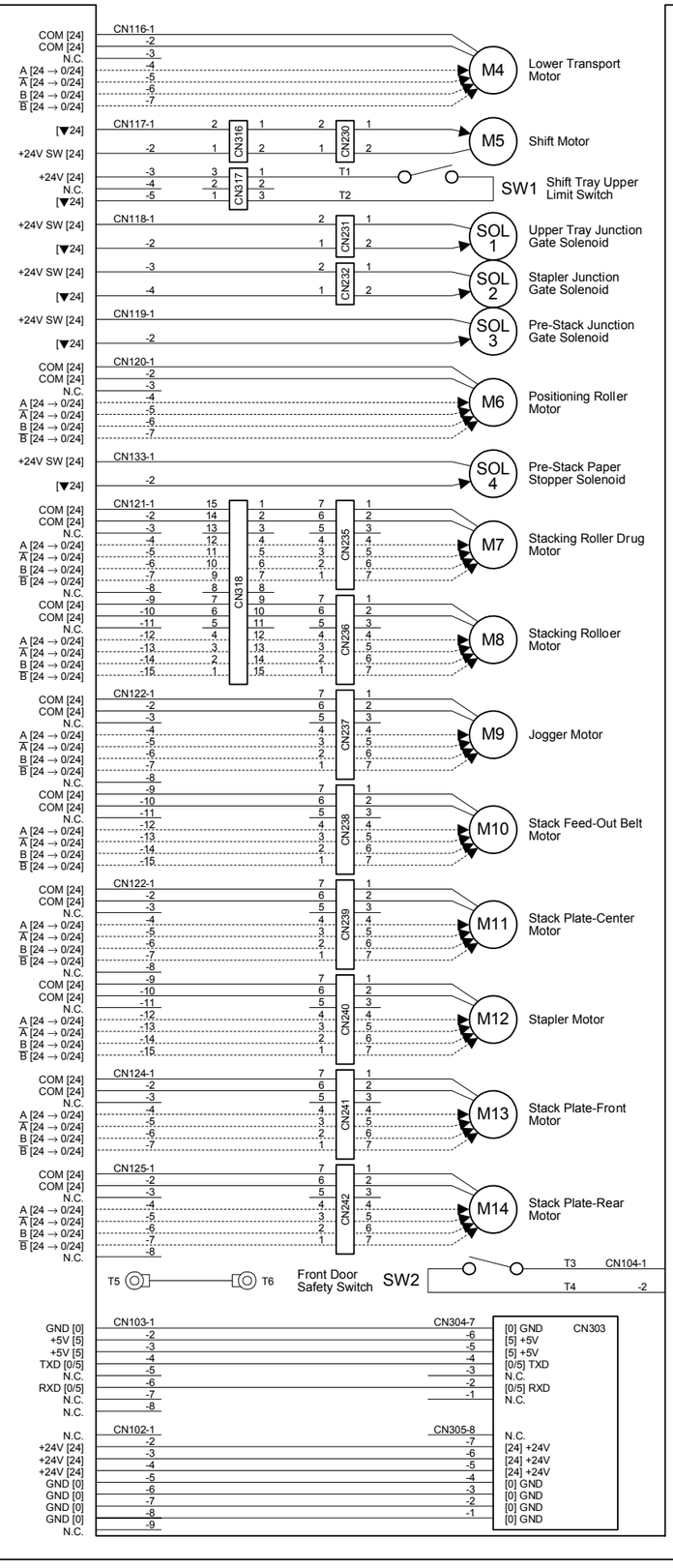
CN108-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 → CN305 (12 11 10 9 8 7 6 5 4 3 2 1 / 1 2 3 4 5 6 7 8 9 10 11 12) → CN217-4 -3 -2 -1 → S13 — Paper Length Sensor 1; CN218-4 -3 -2 -1 → S14 — Paper Length Sensor 2; CN219-4 -3 -2 -1 → S15 — Paper Length Sensor 3

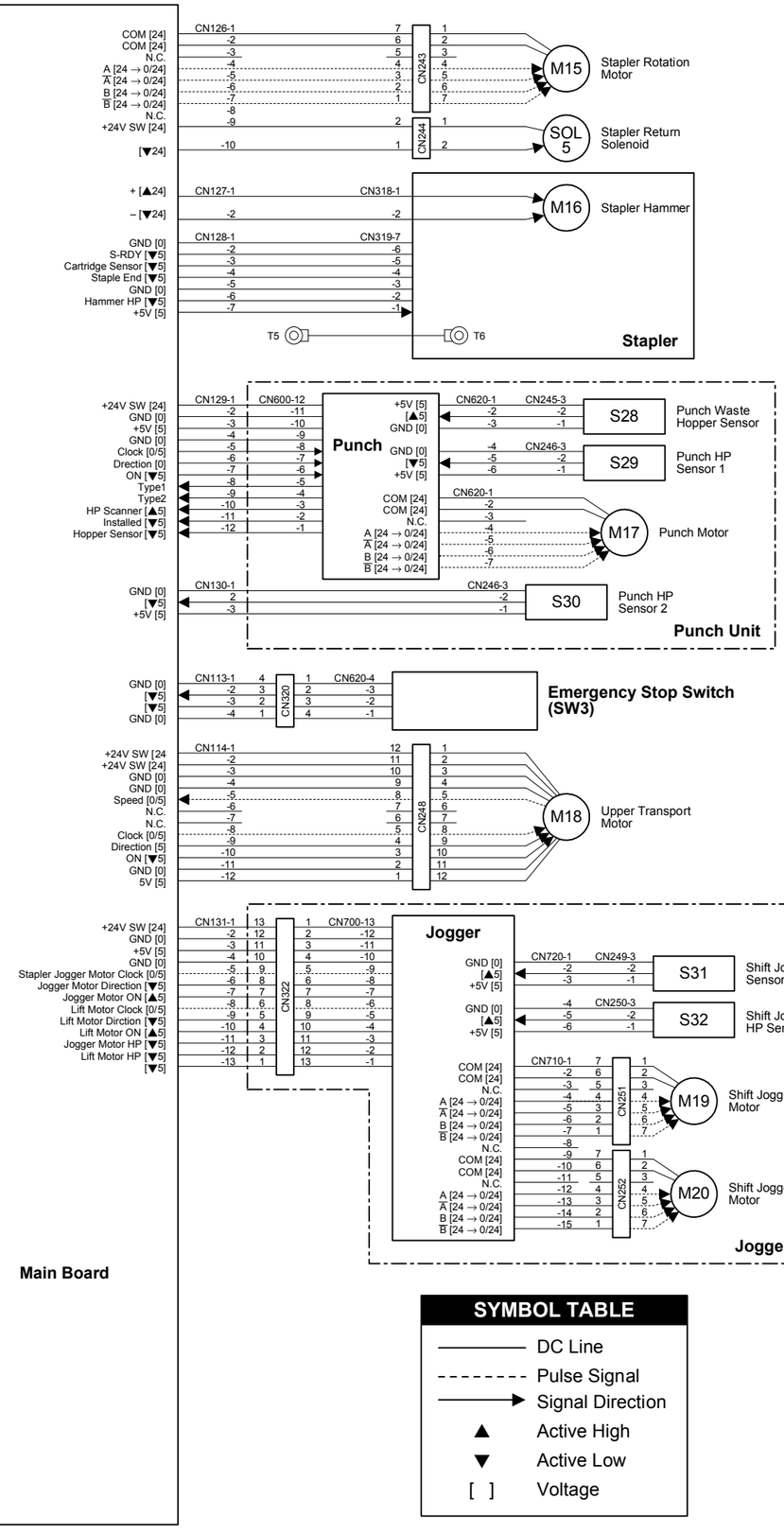
LCT (B473) POINT TO POINT DIAGRAM



3000-SHEET FINISHER (B706) POINT TO POINT DIAGRAM





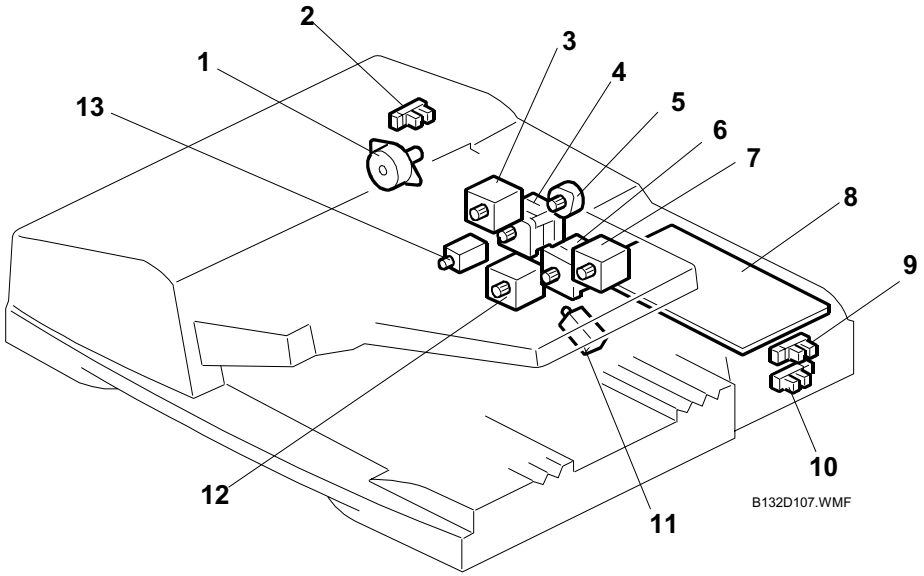


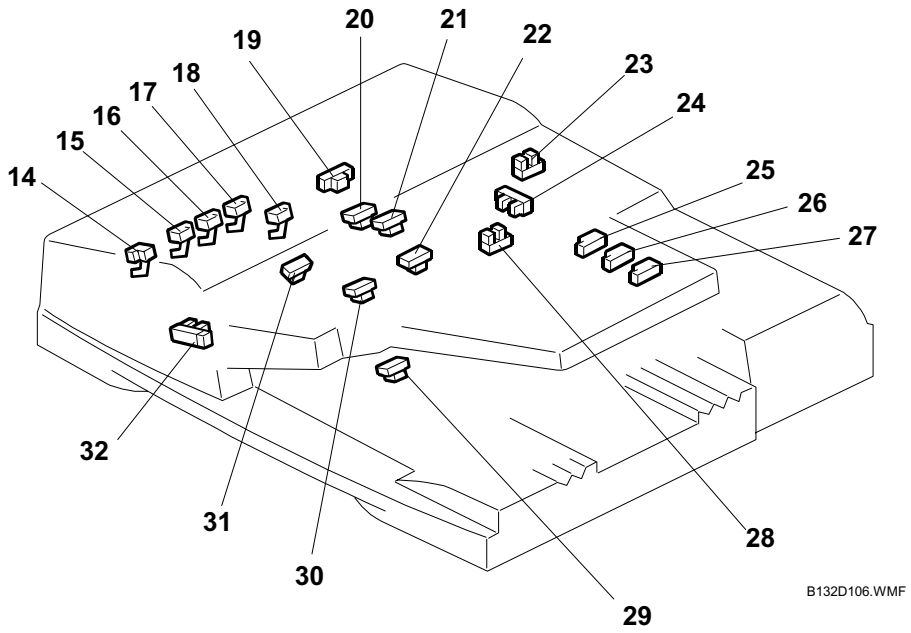
Main Board

SYMBOL TABLE

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

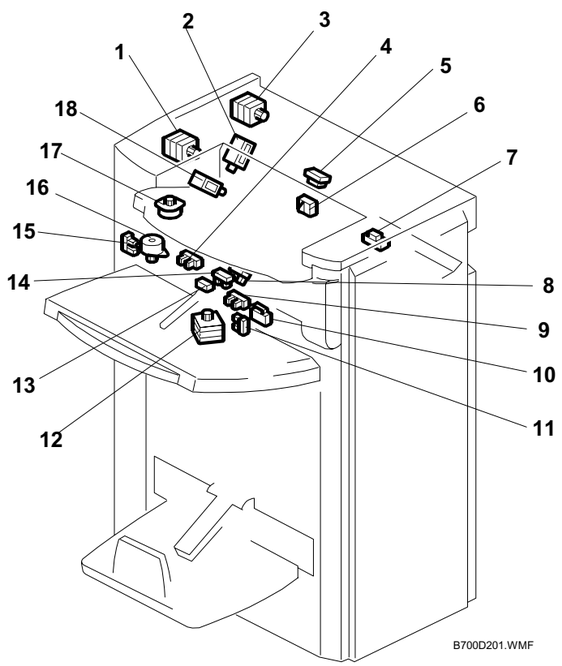
ADF(FOR B132/B181/B200) ELECTRICAL COMPONENT LAYOUT

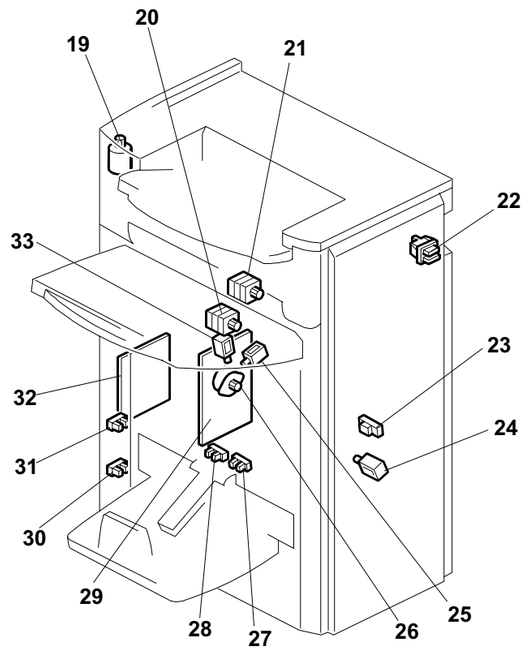


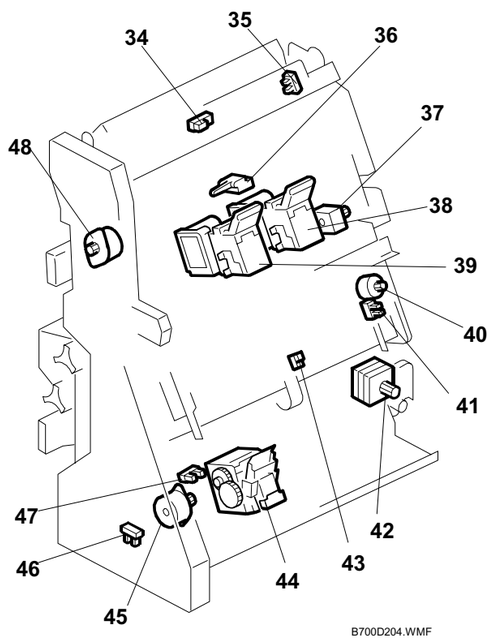


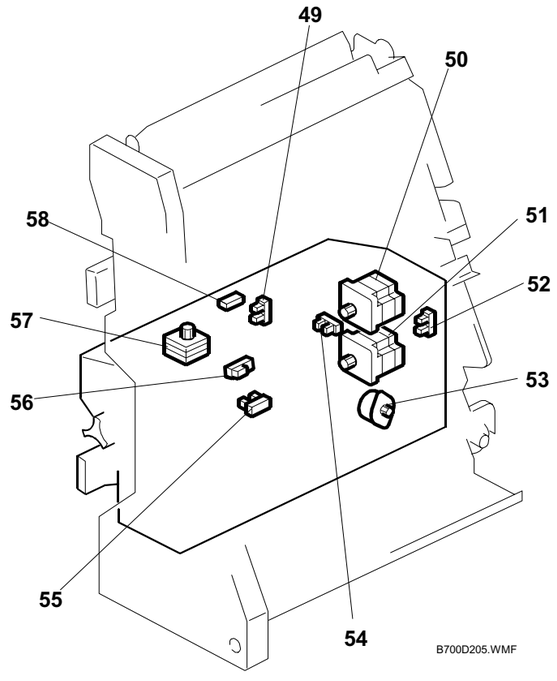
Symble	Name	Index No.	P to P
Boards			
PCB1	Main Board	8	E4
Motors			
M1	Feed Motor	4	H6
M2	Transport Motor	6	H6
M3	Upper Inverter Motor	7	H5
M4	Exit Motor	3	H5
M5	Lower Inverter Motor	12	H4
M6	Pick-up Motor	1	H4
M7	Bottom Plate Lift Motor	5	H3
Sensors			
S1	Original Width Sensor 1	17	B6
S2	Original Width Sensor 2	16	B6
S3	Original Width Sensor 3	15	B6
S4	Original Width Sensor 4	14	B6
S5	Original Width Sensor 5 (for B6 SEF)	18	B5
S6	Pick-up Roller HP Sensor	2	B5
S7	Original Set Sensor	28	B5
S8	Bottom Plate HP Sensor	32	B5
S9	Feed Cover Open Sensor	23	B4
S10	Bottom Plate Position Sensor	24	B4
S11	Upper Inverter Sensor	22	B4
S12	Lower Inverter Sensor	29	B4
S13	Original Length Sensor 1 (LG)	25	B3
S14	Original Length Sensor 2 (A4)	26	B3
S15	Original Length Sensor 3 (B5)	27	B3
S16	ARDF Position Sensor	9	B2
S17	APS Start Sensor	10	B2
S18	Interval Sensor	19	B2
S19	Skew Correction Sensor	20	B2
S20	Separation Sensor	21	B1
S21	Exit Sensor	30	B1
S22	Registration Sensor	31	B1
Solenoids			
SOL1	Upper Junction Gate Solenoid	11	H3
SOL2	Lower Junction Gate Solenoid	13	H2

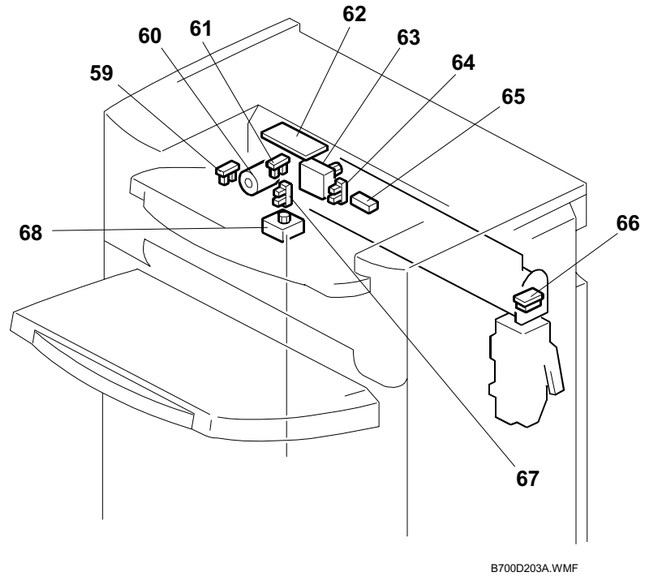
2000/3000 SHEET FINISHER(B700/B701) ELECTRICAL COMPONENT LAYOUT (1/2)









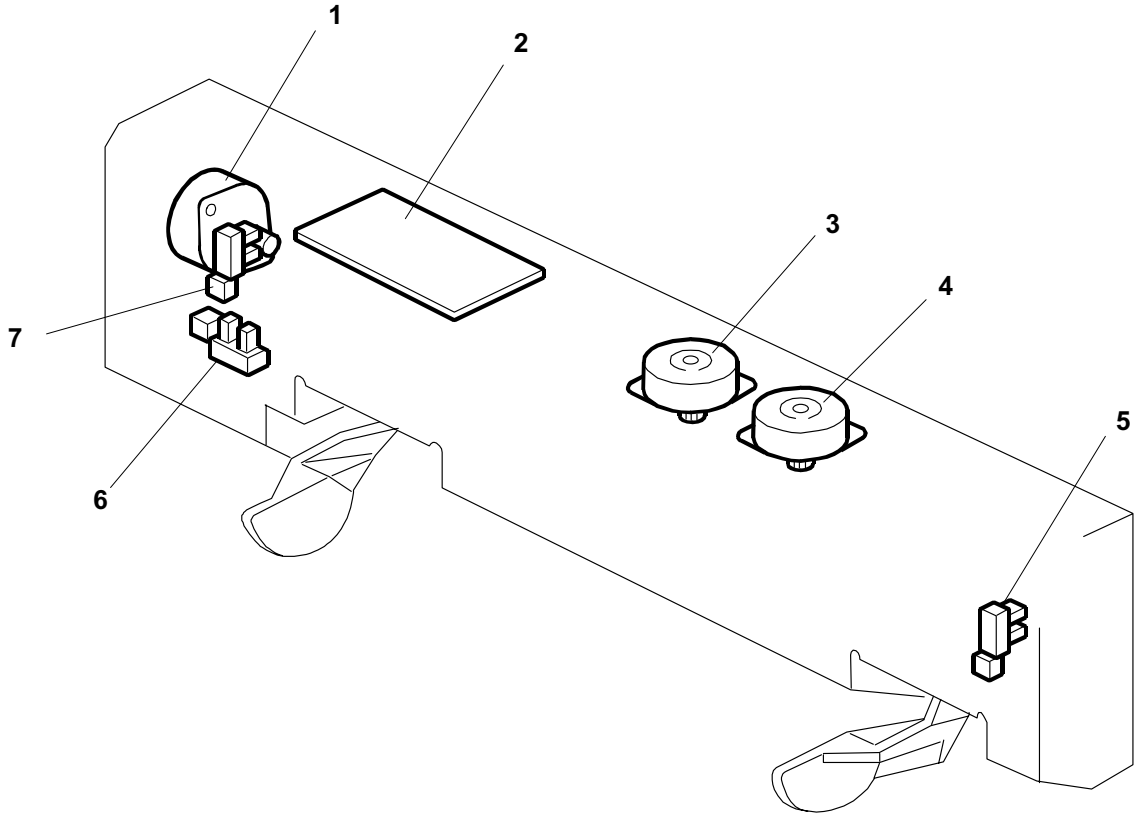


2000/3000 SHEET FINISHER(B700/B701) ELECTRICAL COMPONENT LAYOUT (2/2)

Symble	Name	Index No.	P to P	Page
Boards (PCB)				
PCB1	Main Board	29	E1	1/2
PCB2	Booklet Stapler Board	32	E4	2/2
PCB3	Punch Unit Board	62	C1	1/2
Motors				
M1	Entrance Motor	21	I6	1/2
M2	Upper Transport Motor	3	I5	1/2
M3	Lower Transport Motor	20	I6	1/2
M4	Upper/Proof Tray Exit Motor	1	I4	1/2
M5	Feed Out Belt Motor	37	I3	1/2
M6	Corner Stapler Movement Motor	42	I2	1/2
M7	Paper Position Sensor Slide Motor	63	B2	1/2
M8	Clamp Roller Retraction Motor	57	H3	2/2
M9	Punch Movement Motor	68	B2	1/2
M10	Stacking Sponge Roller Motor	12	I1	1/2
M11	Fold Plate Motor	51	H2	2/2
M12	Fold Roller Motor	50	H1	2/2
M13	Corner Stapler Rotation Motor	45	I2	1/2
M14	Positioning Roller Motor	26	I5	1/2
M15	Jogger Fence Motor	40	I3	1/2
M16	Fold Unit Bottom Fence Lift Motor	53	H2	2/2
M17	Stack Junction Gate Motor	48	H3	2/2
M18	Shift Roller Motor	16	15	1/2
M19	Exit Guide Plate Motor	17	I4	1/2
M20	Corner Stapler EH530	44	I2	1/2
M21	Upper Tray Lift Motor	19	I2	1/2
M22	Booklet Stapler EH185R: Front	39	B3	1/2
M23	Booklet Stapler EH185R: Rear	38	B2	1/2
M24	Punch Drive Motor	60	B1	1/2

Symble	Name	Index No.	P to P	Page
Sensors				
S1	Finisher Entrance Sensor	7	E5	1/2
S2	Pre-stack Tray Exit Sensor	23	E5	1/2
S3	Paper Position Sensor	65	E5	1/2
S4	Punch Hopper Full Sensor	66	E4	1/2
S5	Shift Roller HP Sensor	15	B6	1/2
S6	Upper Tray Exit Sensor	13	B6	1/2
S7	Exit Guide Plate HP Sensor	4	B6	1/2
S8	Upper Tray Paper Height Sensor (Staple Mode)	14	B6	1/2
S9	Upper Tray Paper Height Sensor (Non-Staple Mode)	8	B5	1/2
S10	Proof Tray Exit Sensor	5	B5	1/2
S11	Proof Tray Full Sensor	6	B5	1/2
S12	Upper Tray Limit Sensor	9	B5	1/2
S13	Stacking Roller HP Sensor	11	B5	1/2
S14	Stapling Tray Paper Sensor	43	B4	1/2
S15	Jogger Fence HP Sensor	41	B4	1/2
S16	Stack Feed-Out Belt HP Sensor	36	B4	1/2
S17	Corner Stapler HP Sensor	46	B4	1/2
S18	Stapler Rotation HP Sensor	47	B4	1/2
S19	Upper Tray Full Sensor (B700/B701)	31	B3	1/2
S20	Upper Tray Full Sensor (B701 only)	30	B3	1/2
S21	Punch Movement HP Sensor	67	B2	1/2
S22	Paper Position Side HP Sensor	64	B2	1/2
S23	Punch HP Sensor	61	B1	1/2
S24	Punch Encoder Sensor	59	B1	1/2
S25	Clamp Roller HP Sensor	49	B6	2/2
S26	Fold Unit Entrance Sensor	56	B6	2/2
S27	Stack Junction Gate HP Sensor	35	B5	2/2
S28	Fold Bottom Fence HP Sensor	55	B5	2/2
S29	Fold Plate HP Sensor	52	B5	2/2
S30	Fold Cam HP Sensor	54	B5	2/2
S31	Fold Unit Exit Sensor	58	B4	2/2
S32	Stack Present Sensor	34	B4	2/2
S33	Lower Tray Full Sensor - Rear	28	B1	2/2
S34	Lower Tray Full Sensor - Front	27	B1	2/2
Solenoids				
SOL1	Proof Junction Gate Solenoid	18	I4	1/2
SOL2	Stapling Tray Junction Gate Solenoid	2	I4	1/2
SOL3	Positioning Roller Solenoid	25	I4	1/2
SOL4	Stapling Edge Pressure Plate Solenoid	24	I4	1/2
SOL5	Booklet Pressure Roller Solenoid	33	H5	2/2
Switches				
SW1	Front Door Safety Switch	22	E5	1/2
SW2	Upper Tray Limit SW	10	I1	1/2

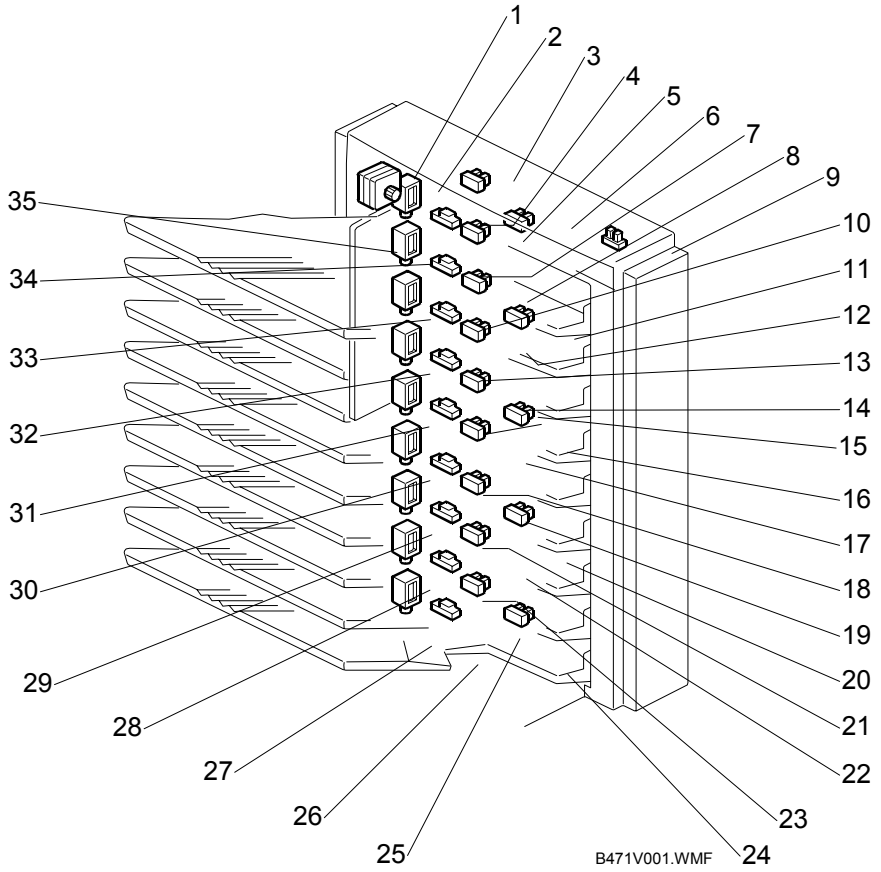
OUTPUT JOGGER UNIT(B703) ELECTRICAL COMPONENT LAYOUT



B703D102.WMF

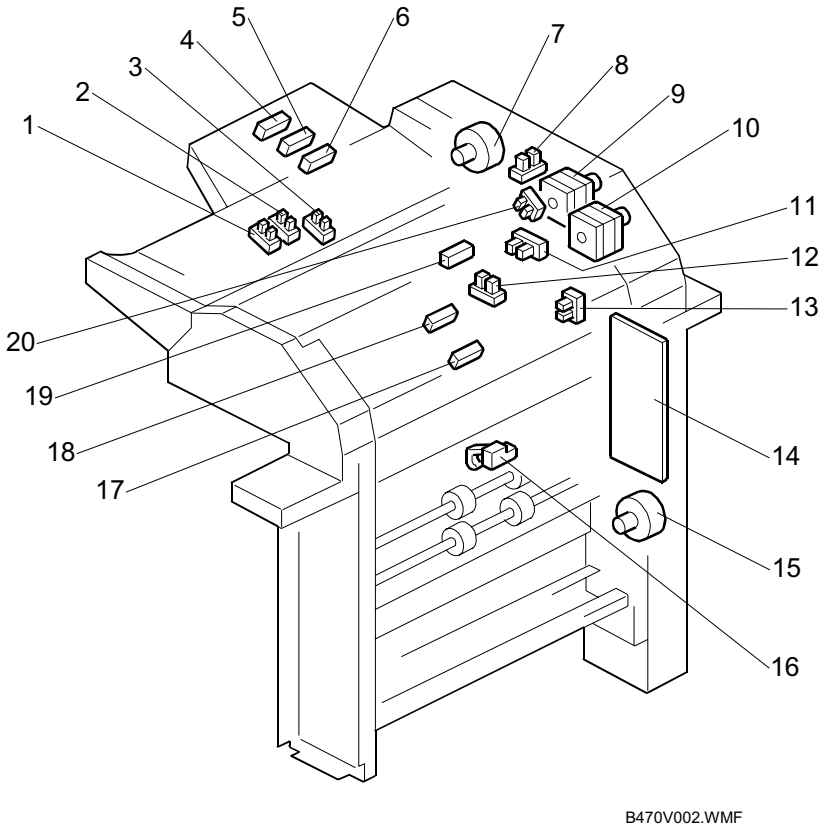
Symble	Name	Index No.	P to P
Boards			
PCB1	Main Board	2	C3
Motors			
M1	Front Joger Motor	4	F3
M2	Rear Jogger Motor	3	F3
M3	Jogger Lift Motor	1	F4
Sensors			
S1	Front Joger HP Sensor	5	F1
S2	Rear Jogger HP Sensor	7	F1
S3	Jogger Lift HP Sensor	6	F2

MAILBOX (B762) ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Motors			
M1	1	Main	H1
Sensors			
S1	26	Paper Detect 1	I7
S2	24	Transport 1	I7
S3	25	Paper Overflow 1	I6
S4	23	Paper Detect 2	I6
S5	20	Transport 2	I6
S6	22	Paper Overflow 2	I5-I6
S7	21	Paper Detect 3	I5
S8	19	Paper Overflow 3	I5
S9	18	Paper Detect 4	I5
S10	16	Transport 3	B7
S11	17	Paper Overflow 4	B7
S12	15	Paper Detect 5	B6
S13	14	Paper Overflow 5	B6
S14	13	Paper Detect 6	B6
S15	11	Transport 4	B5-B6
S16	12	Paper Overflow 6	B5
S17	10	Paper Detect 7	B5
S18	8	Paper Overflow 7	B5
S19	7	Paper Detect 8	B4
S20	6	Transport 5	B4
S21	5	Overflow Sensor 8	B4
S22	4	Paper Detect 9	B3
S23	3	Paper Overflow 9	B3
S24	9	Door Safety	B3
Solenoids			
SOL1	28	Turn Gate 1	I4
SOL2	29	Turn Gate 2	I4
SOL3	30	Turn Gate 3	I3
SOL4	31	Turn Gate 4	I3
SOL5	32	Turn Gate 5	I3
SOL6	33	Turn Gate 6	I2
SOL7	34	Turn Gate 7	I2
SOL8	2	Turn Gate 8	I2
SOL9	27	Junction Gate	I4
PCBs			
PCB1	35	Main	E1-E7

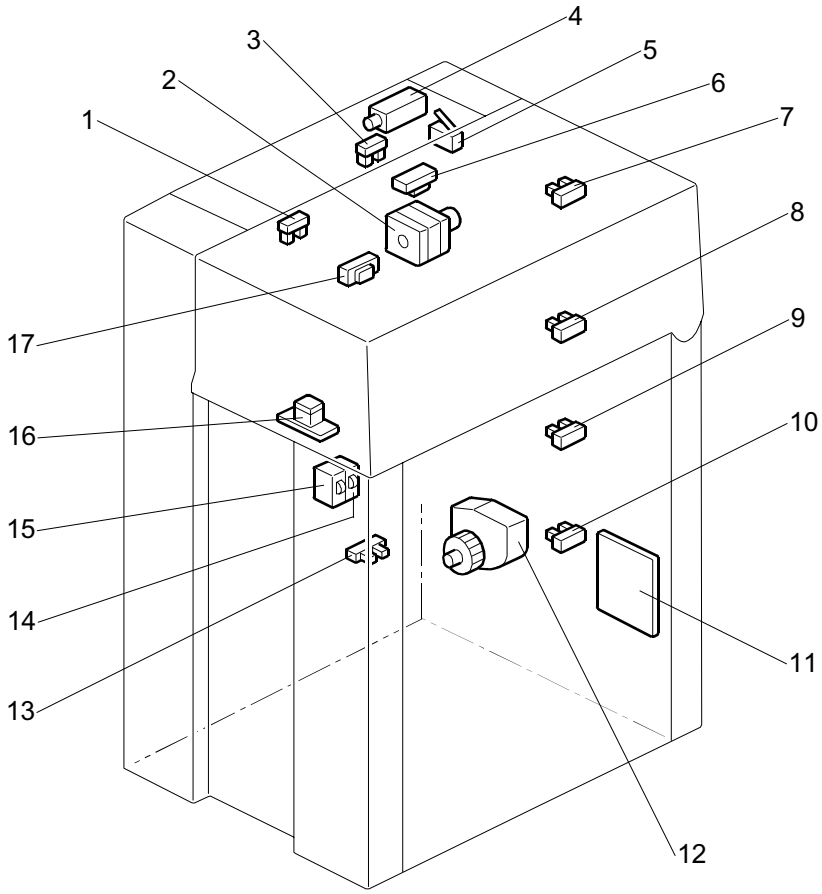
COVER INTERPOSER (B704) ELECTRICAL COMPONENT LAYOUT



B470V002.WMF

Symbol	Index No.	Description	P to P
Motors			
M1	9	Feed	I2
M2	10	Transport	I2-I3
M3	7	Bottom Plate	I3
M4	15	Relay	I4
Sensors			
S1	8	Cover Set	B5
S2	20	Bottom Plate Position	B5
S3	11	Near End	B5
S4	18	Feed	B6
S5	12	Bottom Plate HP	B6
S6	17	Pull-out	B6
S7	13	Guide Plate Set	B6-B7
S8	16	Exit	B7
S9	19	Paper Set	I5
S10	3	Paper Width 1	I5
S11	2	Paper Width 2	I5
S12	1	Paper Width 3	I6
S13	6	Paper Length 1	I6
S14	5	Paper Length 2	I6
S15	4	Paper Length 3	I7
PCBs			
PCB1	14	Main	E2-E7

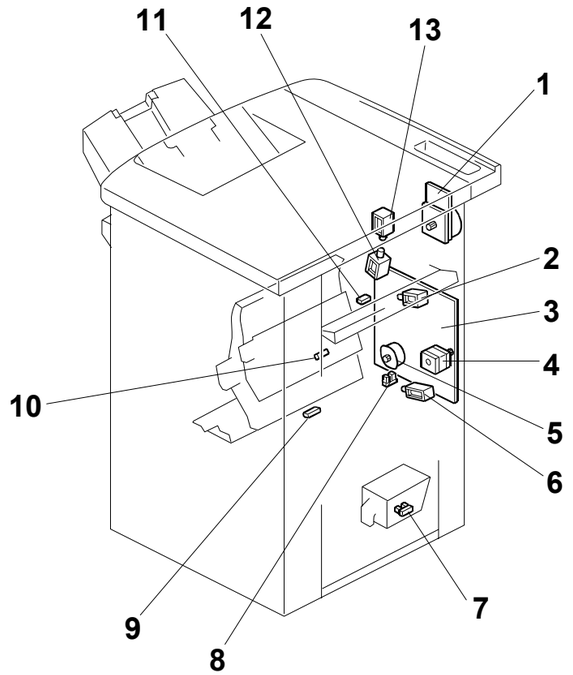
LCT (B473) ELECTRICAL COMPONENT LAYOUT

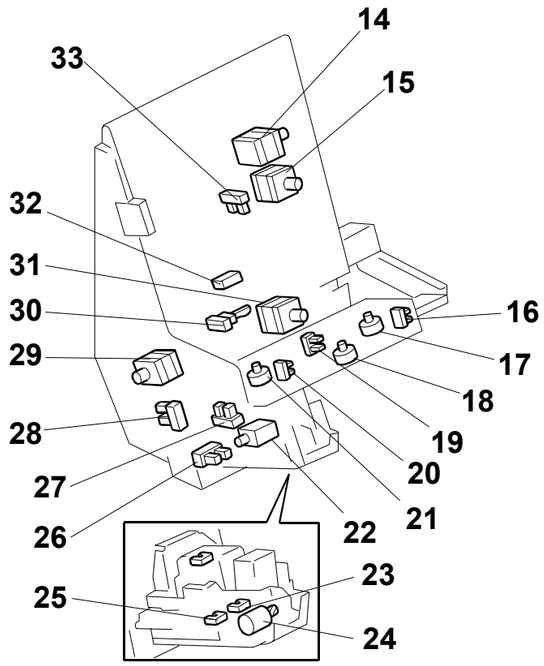


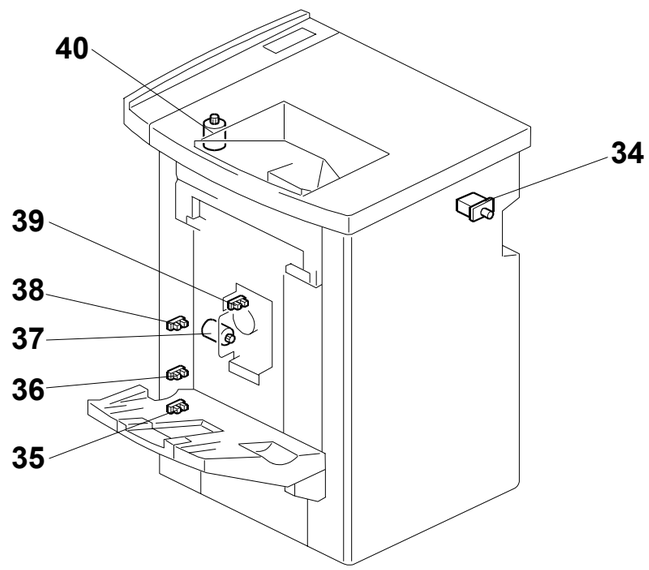
B473V002.WMF

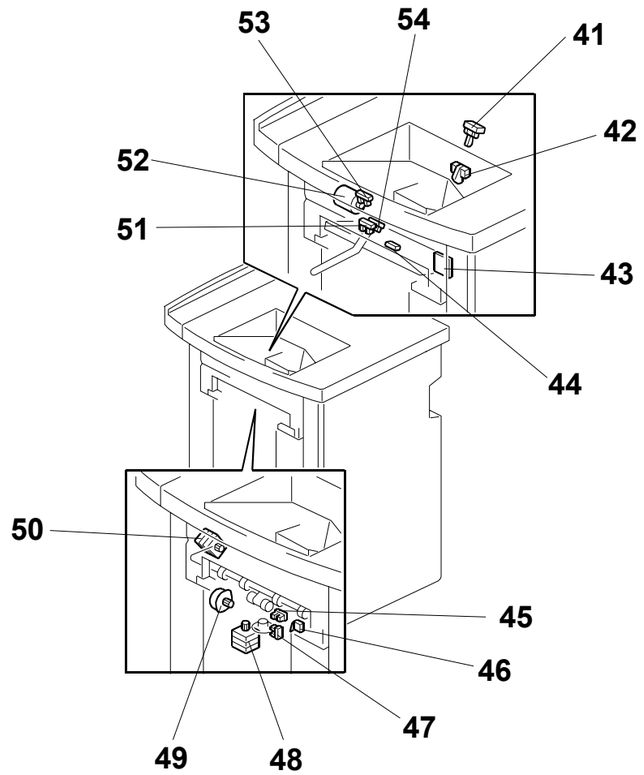
Symbol	Index No.	Description	P to P
Motors			
M1	2	Paper Feed	G1
M2	12	Lift	G2
Sensors			
S1	1	Paper Feed	G4
S2	6	Paper End	G5
S3	3	Lift	G4
S4	17	Paper Position	G3-G4
S5	13	Down	G5
S6	7	Near End	B4
S7	8	Paper Height1	B4
S8	9	Paper Height2	B5
S9	10	Paper Height3	B5
Switches			
SW1	15	Tray Cover	G3
SW3	14	Lift	G2
SW4	5	Feed Unit Cover	G3
SW5	16	Down	G6
Solenoids			
SOL1	4	Pick-up	G5
PCBs			
PCB1	11	LCT Interface	D1-D6

3000-SHEET FINISHER (B706) ELECTRICAL COMPONENT LAYOUT









Symbol	Index No.	Description	P to P
Sensors			
S1	11	Entrance Sensor	A1
S2	41	Upper Tray Exit Sensor	A1
S3	42	Upper Tray Limit Sensor	A1
S4	44	Shift Tray Exit Sensor	A2
S5	53	Exit Guide Open Sensor	A2
S6	54	Shift Paper Height Sensor	A2
S7	51	Stapling Paper Height Sensor	A2
S9	38	Shift Lower Limit - Large Paper Sensor	A3
S10	36	Shift Lower Limit 2 Sensor	A3
S11	35	Shift Lower Limit 3 Sensor	A3
S12	45	Shift Tray Paper Height Sensor	A3
S13	47	Stacking Roller HP	A3
S14	39	Shift Tray Half-Turn Sensor	A4
S15	10	Pre-Stack Tray Paper Sensor	A4
S16	9	Stapler Tray Entrance Sensor	A4
S17	8	Positioning Roller HP Sensor	A4
S18	30	Stack Feed-Out Belt HP Sensor	A4
S19	32	Stapler Tray Paper Sensor	A5
S20	33	Jogger HP Sensor	A5
S21	19	Stack Plate-Center HP Sensor	A5
S22	20	Stack Plate-Front HP Sensor	A5
S23	16	Stack Plate-Rear HP Sensor	A5
S24	28	Stapler HP Sensor	A6
S25	26	Stapler Rotation HP Sensor	A6
S26	27	Stapler Return Sensor	A6
S27	7	Staple Waste Hopper Sensor	A6
S28	-	Punch Waste Hopper Sensor	I3
S29	-	Punch HP Sensor 1	I3
S30	-	Punch HP Sensor 2	I3
S31	-	Shift Jogger HP Sensor	J5
S32	-	Shift Jogger Lift HP Sensor	J5
Motors			
M1	50	Shift Tray Exit Motor	A7
M2	40	Shift Tray Lift Motor	A7
M3	52	Exit Guide Motor	A7
M4	4	Lower Transport Motor	F1
M5	37	Shift Motor	F1
M6	5	Positioning Roller Motor	F3
M7	48	Stacking Roller Drug Motor	F3
M8	49	Stacking Roller Motor	F3
M9	15	Jogger Motor	F4
M10	14	Stack Feed-Out Belt Motor	F4
M11	18	Stack Plate-Center Motor	F5
M12	31	Stapler Motor	F5
M13	21	Stack Plate-Front Motor	F5
M14	17	Stack Plate-Rear Motor	F6
M15	29	Stapler Rotation Motor	I1
M16	24	Stapler Hammer Motor	I2
M17	-	Punch Motor	I3
M18	1	Upper Transport Motor	I4
M19	-	Shift Jogger Motor	J6
M20	-	Shift Jogger Lift Motor	J6
Solenoids			
SOL1	13	Upper Tray Junction Gate Solenoid	F2
SOL2	12	Stapler Junction Gate Solenoid	F2
SOL3	2	Pre-Stack Junction Gate Solenoid	F2
SOL4	6	Pre-Stack Paper Stopper Solenoid	F3
SOL5	22	Stapler Return Solenoid	I2
Switches			
SW1	46	Shift Tray Upper Limit Switch	F2
SW2	34	Front Door Safety Switch	E6
SW3	43	Emergency Stop Switch	I4
PCBs			
PCB	3	Main Board	-