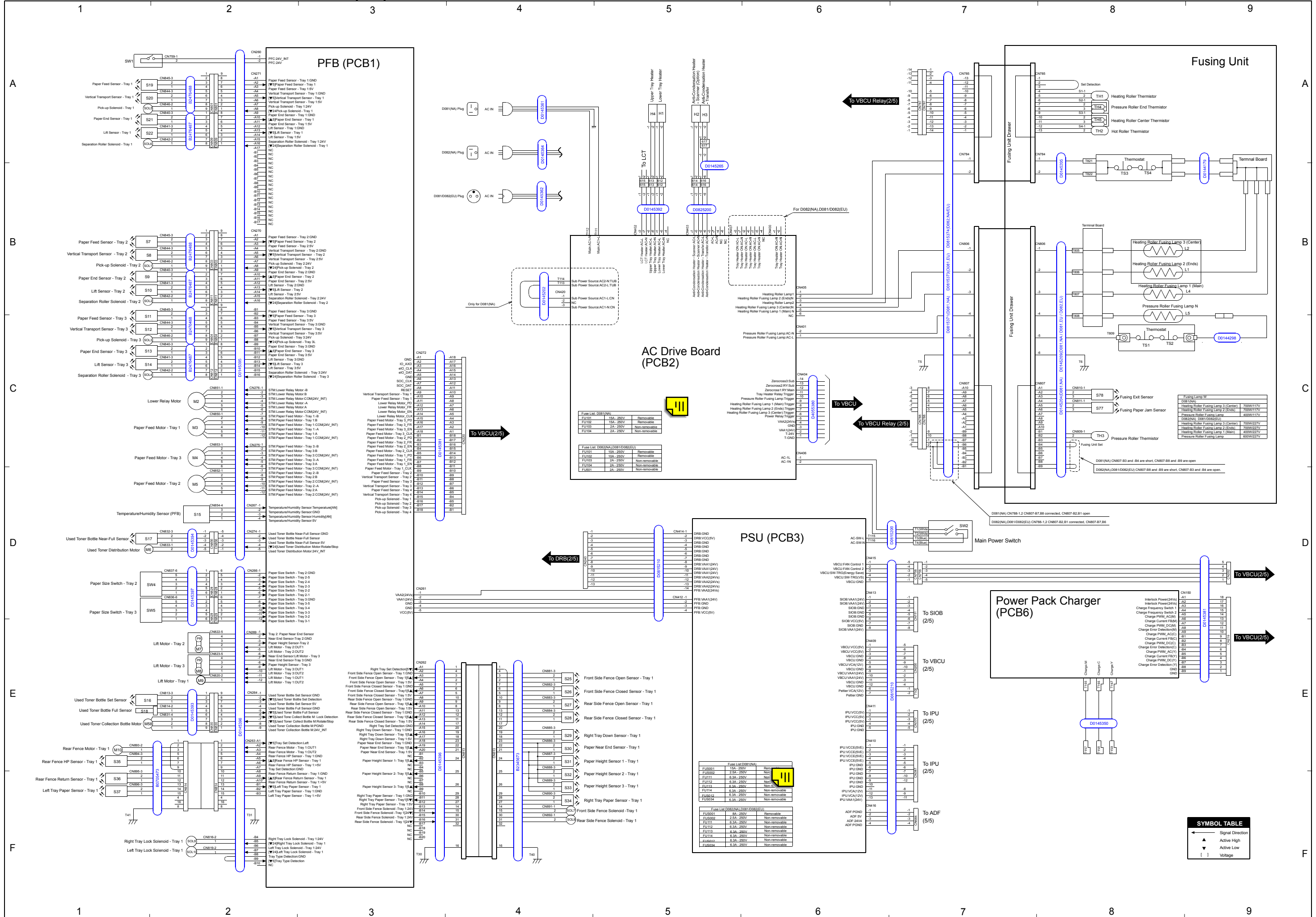
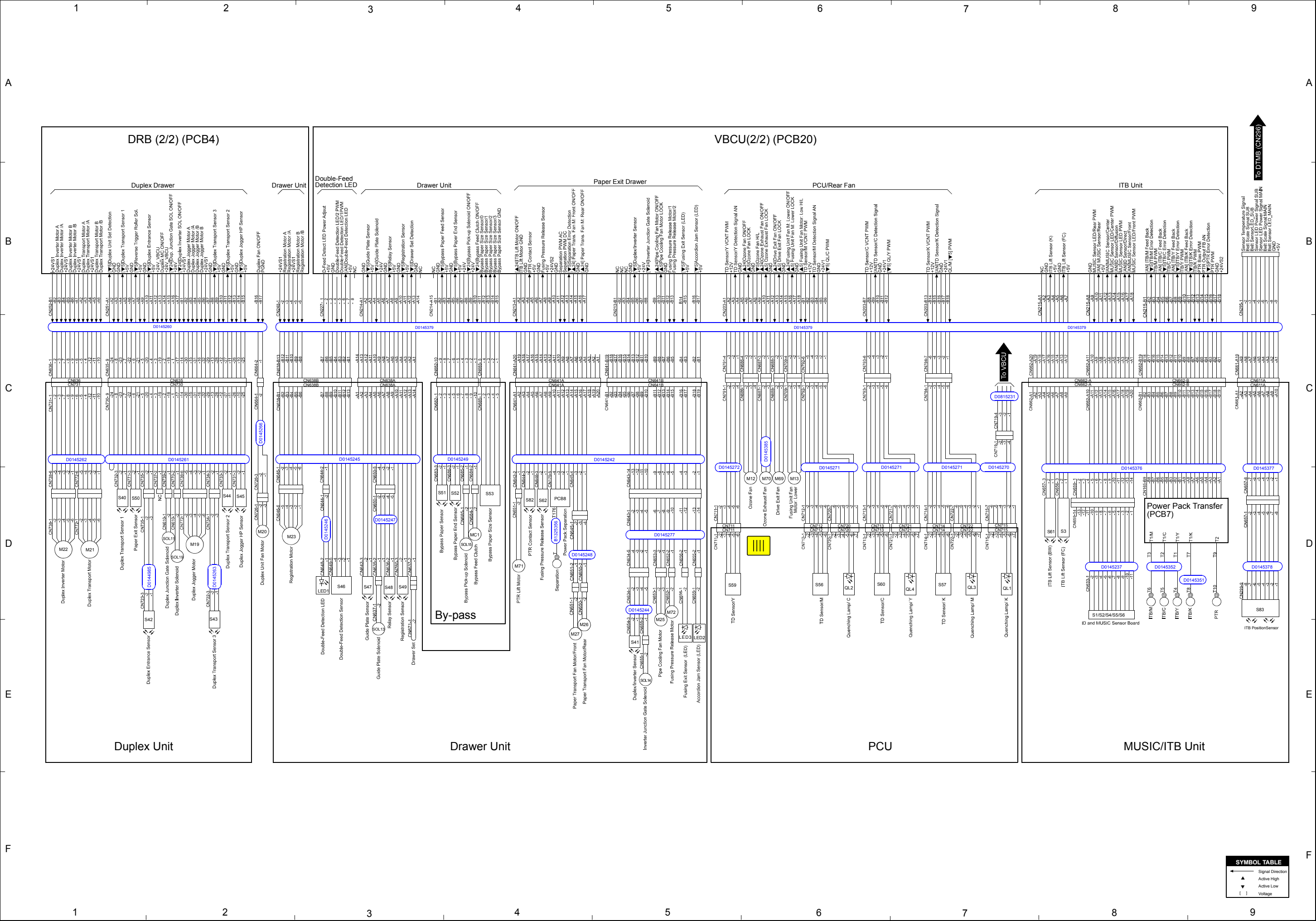


D081/D082 POINT TO POINT DIAGRAM (1/5)

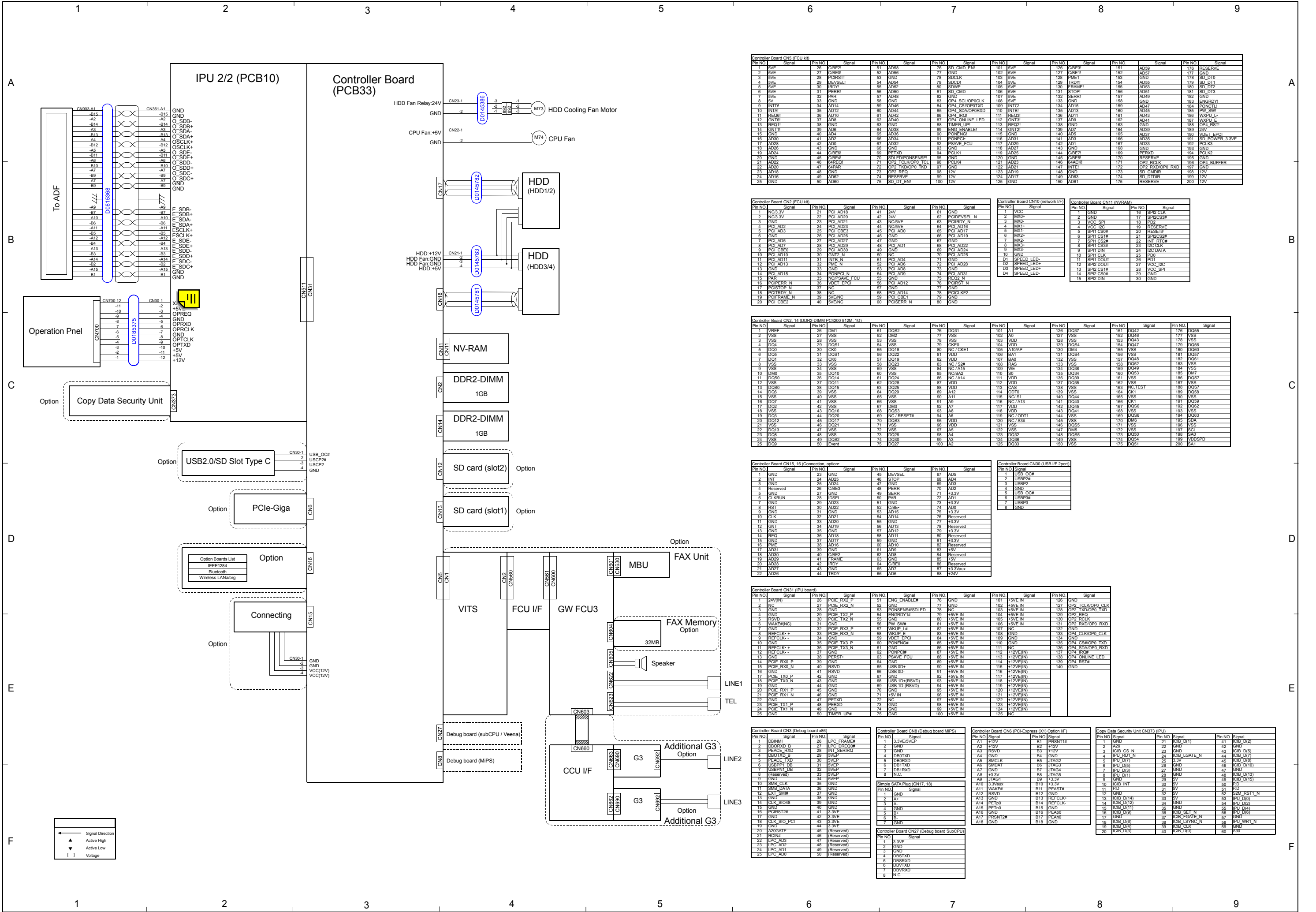


[illegible]

D081/D082 POINT TO POINT DIAGRAM (3/5)



D081/D082 POINT TO POINT DIAGRAM (4/5)



Controller Board CN5 (FCU kit)									
Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal
1	VEE	26	CBE2	51	AD58	76	SD_CMD_ENI	101	VEE
2	VEE	27	CBE1	52	AD58	77	GND	102	VEE
3	VEE	28	PCIRST1	53	GND	78	SD_CMD	103	VEE
4	VEE	29	DEVSEL	54	AD54	79	SD_CMD	104	VEE
5	VEE	30	RDY	55	AD54	80	SD_CMD	105	VEE
6	VEE	31	PERST	56	AD50	81	SD_CMD	106	VEE
7	VEE	32	GND	57	AD50	82	GND	107	VEE
8	VEE	33	GND	58	GND	83	OP4_SDA/OP4_RXD	108	VEE
9	INT0	34	AD14	59	AD48	84	OP4_CS/OP4_TXD	109	INT0
10	INT1	35	AD12	60	AD44	85	OP4_SDA/OP4_RXD	110	INT1
11	REQ0	36	AD10	61	AD42	86	OP4_IRQ	111	REQ0
12	INTB1	37	AD8	62	AD40	87	OP4_ONLINE_LED	112	INTB1
13	REQ1	38	GND	63	GND	88	TIMER_UP	113	REQ1
14	INT11	39	AD6	64	AD38	89	ENG_ENABLE	114	INT11
15	GND	40	AD4	65	AD36	90	PONRST	115	GND
16	AD30	41	AD2	66	AD34	91	PONRST	116	AD30
17	AD28	42	AD0	67	AD32	92	PSAVE_FCU	117	AD28
18	AD26	43	GND	68	GND	93	AD27	118	AD26
19	AD24	44	CBE1	69	PE1XD	94	PLCK1	119	AD24
20	GND	45	CBE4	70	SOLEDPONSENSET	95	GND	120	GND
21	AD22	46	SAREF	71	OP2_TCLK/OP2_TCL	96	PLCK4	121	AD22
22	AD20	47	64PAR	72	OP2_TCLK/OP2_TCL	97	GND	122	AD20
23	AD18	48	GND	73	OP2_REQ	98	12V	123	AD18
24	AD16	49	AD5	74	RESERVE	99	12V	124	AD16
25	GND	50	AD0	75	SD_DT_ENI	100	12V	125	GND

Controller Board CN2 (FCU kit)									
Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal
1	NC3.3V	21	PCI AD18	41	24V	61	GND	81	GND
2	NC3.3V	22	PCI AD20	42	24V	62	PODSEL_N	82	PODSEL_N
3	NC3.3V	23	PCI AD21	43	NC5VE	63	PODSEL_N	83	PODSEL_N
4	PCI AD2	24	PCI AD23	44	NC5VE	64	PCI AD16	84	PCI AD16
5	PCI AD3	25	PCI AD24	45	NC5VE	65	PCI AD17	85	PCI AD17
6	GND	26	PCI AD25	46	GND	66	PCI AD18	86	PCI AD18
7	PCI AD5	27	PCI AD27	47	GND	67	GND	87	GND
8	PCI AD7	28	PCI AD28	48	PCI AD1	68	PCI AD22	88	PCI AD22
9	PCI AD9	29	PCI AD30	49	GND	69	PCI AD24	89	PCI AD24
10	PCI AD10	30	NC2_N	50	NC	70	PCI AD25	90	PCI AD25
11	PCI AD11	31	PCI AD1	51	PCI AD4	71	GND	91	GND
12	PCI AD13	32	PME_N	52	PCI AD6	72	PCI AD28	92	PCI AD28
13	GND	33	NC3.3V	53	PCI AD8	73	GND	93	GND
14	PCI AD15	34	PCI AD2	54	PCI AD9	74	PCI AD31	94	PCI AD31
15	PAR	35	NCPSAVE_FCU	55	GND	75	REQ2_N	95	REQ2_N
16	PCIRST_N	36	PCI EPIC	56	PCI AD12	76	PCIRST_N	96	PCIRST_N
17	PCIRST_N	37	NC	57	GND	77	GND	97	GND
18	PCIRST_N	38	NC	58	PCI AD14	78	PCIRST_N	98	PCIRST_N
19	PCIRST_N	39	PCIRST_N	59	PCI AD15	79	PCIRST_N	99	PCIRST_N
20	PCI CBE2	40	PCIRST_N	60	PCIRST_N	80	GND	100	GND

Controller Board CN10 (network I/F)									
Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal
1	VCC	16	SPD CLK	31	SPD CS#	46	SPD CS#	61	SPD CS#
2	GND	17	SPD CS#	32	SPD CS#	47	SPD CS#	62	SPD CS#
3	MDV	18	SPD CS#	33	SPD CS#	48	SPD CS#	63	SPD CS#
4	MDV	19	SPD CS#	34	SPD CS#	49	SPD CS#	64	SPD CS#
5	MDV	20	SPD CS#	35	SPD CS#	50	SPD CS#	65	SPD CS#
6	MDV	21	SPD CS#	36	SPD CS#	51	SPD CS#	66	SPD CS#
7	MDV	22	INT RTC#	37	SPD CS#	52	SPD CS#	67	SPD CS#
8	MDV	23	INT RTC#	38	SPD CS#	53	SPD CS#	68	SPD CS#
9	MDV	24	INT RTC#	39	SPD CS#	54	SPD CS#	69	SPD CS#
10	MDV	25	INT RTC#	40	SPD CS#	55	SPD CS#	70	SPD CS#
11	MDV	26	INT RTC#	41	SPD CS#	56	SPD CS#	71	SPD CS#
12	MDV	27	INT RTC#	42	SPD CS#	57	SPD CS#	72	SPD CS#
13	MDV	28	INT RTC#	43	SPD CS#	58	SPD CS#	73	SPD CS#
14	MDV	29	INT RTC#	44	SPD CS#	59	SPD CS#	74	SPD CS#
15	MDV	30	INT RTC#	45	SPD CS#	60	SPD CS#	75	SPD CS#

Controller Board CN2_14 (DDR2-DIMM PC4200 512M_1G)									
Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal
1	VREF	26	DM1	51	DQS2	76	DQS1	101	A1
2	VSS	27	VSS	52	DQS2	77	DQS1	102	A0
3	VSS	28	VSS	53	VSS	78	VSS	103	VDD
4	DM0	29	DQS1	54	VSS	79	CKE0	104	VDD
5	DM0	30	DQS1	55	DQS1	80	NC770RE1	105	DM0
6	DQS0	31	DQS1	56	DQS2	81	VDD	106	BA1
7	DQS1	32	CK0	57	DQS1	82	VDD	107	BA0
8	VSS	33	VSS	58	DQS1	83	NC770RE1	108	VSS
9	VSS	34	VSS	59	VSS	84	NC770RE1	109	VSS
10	DM0	35	DQS0	60	DQS0	85	DQS0	110	DQS0
11	DQS0	36	DQS0	61	DQS0	86	NC770RE1	111	VDD
12	VSS	37	DQS1	62	DQS0	87	VDD	112	VDD
13	DQS0	38	DQS0	63	DQS0	88	VSS	113	VSS
14	DQS0	39	VSS	64	DQS0	89	A12	114	DQS0
15	DQS0	40	VSS	65	VSS	90	NC770RE1	115	VSS
16	DQS0	41	VSS	66	VSS	91	AD	116	NC770RE1
17	DQS0	42	VSS	67	DQS0	92	A7	117	VDD
18	DQS0	43	DQS0	68	DQS0	93	A8	118	DQS0
19	DQS0	44	DQS0	69	NC770RE1	94	A8	119	NC770RE1
20	DQS0	45	DQS0	70	DQS0	95	VDD	120	NC770RE1
21	DQS0	46	DQS0	71	VSS	96	VSS	121	VSS
22	DQS0	47	VSS	72	VSS	97	A5	122	VSS
23	DQS0	48	VSS	73	DQS0	98	A4	123	DQS0
24	VSS	49	DQS0	74	DQS0	99	A3	124	DQS0
25	DQS0	50	Event	75	DQS0	100	A2	125	DQS0

Controller Board CN15_16 (Connection option)									
Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal
1	GND	23	GND	45	DEVSEL	67	AD5	89	AD5
2	NC	24	AD5	46	STOP	68	AD6	90	AD6
3	GND	25	AD5	47	GND	69	AD7	91	AD7
4	Reserved	26	CBE3	48	PERST	70	AD8	92	AD8
5	GND	27	GND	49	AD9	71	AD9	93	AD9
6	CLKRUN	28	AD10	50	PAR	72	AD10	94	AD10
7	GND	29	AD11	51	GND	73	AD11	95	AD11
8	RSVD	30	AD12	52	AD12	74	AD12	96	AD12
9	GND	31	GND	53	AD13	75	AD13	97	AD13
10	CLK	32	AD14	54	AD14	76	AD14	98	AD14
11	GND	33	AD15	55	GND	77	AD15	99	AD15
12	GND	34	AD16	56	AD16	78	AD16	100	AD16
13	GND	35	AD17	57	AD17	79	AD17	101	AD17
14	REQ	36	AD18	58	AD18	80	AD18	102	AD18
15	GND	37	AD19	59	GND	81	AD19	103	AD19
16	REQ	38	AD20	60	AD20	82	AD20	104	AD20
17	AD31	39	GND	61	AD21	83	AD21	105	AD21
18	AD32	40	CBE2	62	AD22	84	AD22	106	AD22
19	AD33	41	FRAME	63	GND	85	AD23	107	AD23
20	AD34	42	RDY	64	CBE0	86	AD24	108	AD24
21	AD35	43	GND	65	AD25	87	AD25	109	AD25
22	AD36	44	TRDY	66	AD26	88	AD26	110	AD26

Controller Board CN30 (USB I/F 2port)									
Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal	Pin NO.	Signal
1	USB DCP	16	USB DCP	31	USB DCP	46	USB DCP	61	USB DCP
2	USB DCP	17	USB DCP	32	USB DCP	47	USB DCP	62	USB DCP
3	USB DCP	18	USB DCP	33	USB DCP	48	USB DCP	63	USB DCP
4	GND	19	USB DCP	34	USB DCP	49	USB DCP	64	USB DCP
5	USB DCP	20	USB DCP	35	USB DCP	50	USB DCP	65	USB DCP
6	USB DCP	21	USB DCP	36	USB DCP	51	USB DCP	66	USB DCP
7	USB DCP	22	USB DCP	37	USB DCP	52	USB DCP	67	USB DCP
8	GND	23	USB DCP	38	USB DCP	53	USB DCP	68	USB DCP

Controller Board CN31 (IPU board)									
Pin No	Signal	Pin No	Signal	Pin No	Signal	Pin No	Signal	Pin No	Signal
1	24VIN	26	PCIE RX2_P	51	ENG_ENABLE#	76	GND	101	HBVEIN
2	NC	27	PCIE RX2_N	52	GND	77	GND	102	HBVEIN
3	GND	28	GND	53	PONSENSE#	78	NC	103	HBVEIN
4	GND	29	PCIE TX2_P	54	ENG_ENABLE#	79	HBVEIN	104	HBVEIN
5	RSVD	30	PCIE TX2_N	55	GND	80	HBVEIN	105	HBVEIN
6	WAKE#(NC)	31	GND	56	PW_SW	81	HBVEIN	106	HBVEIN
7	GND	32	PCIE RX3_P	57	WAKEUP_L#	82	HBVEIN	107	NC
8	REFCLK+	33	PCIE RX3_N	58	WAKEUP_E	83	HBVEIN	108	GND
9	REFCLK-	34	GND	59	WAKEUP_TPCI	84	HBVEIN	109	GND
10	GND	35	PCIE TX3_P	60	PONENR#	85	HBVEIN	110	GND
11	REFCLK+	36	PCIE TX3_N	61	GND	86	HBVEIN	111	NC
12	REFCLK-	37	GND	62	PONRST	87	HBVEIN	112	HBVEIN
13	GND	38	PERST#	63	PSAVE_FCU	88	HBVEIN	113	HBVEIN
14	PCIE RX0_P	39	GND	64	GND	89	HBVEIN	114	HBVEIN
15	PCIE RX0_N	40	RSVD	65	USB DCP	90	HBVEIN	115	HBVEIN
16	PCIE TX0_P	41	RSVD	66	USB DCP	91	HBVEIN	116	HBVEIN
17	PCIE TX0_N	42	GND	67	GND	92	HBVEIN	117	HBVEIN
18	PCIE TX1_P	43	GND	68	USB DCP	93	HBVEIN	118	HBVEIN
19	GND	44	GND	69	USB DCP	94	HBVEIN	119	HBVEIN
20	PCIE RX1_P	45	GND	70	GND	95	HBVEIN	120	HBVEIN
21	PCIE RX1_N	46	GND	71	HBVEIN	96	HBVEIN	121	HBVEIN
22	GND	47	PERST	72	NC	97	HBVEIN	122	HBVEIN
23	PCIE TX1_P	48	PERST	73	HBVEIN	98	HBVEIN	123	HBVEIN
24	PCIE TX1_N	49	GND	74	GND	99	HBVEIN	124	HBVEIN
25	GND	50	TIMER_UP#	75	GND	100	HBVEIN	125	NC

ADF (FOR D081/D082) Point To Point Diagram (5/5)

A

Original Width 5 Sensor
Original Width 4 Sensor
Original Width 3 Sensor
Original Width 2 Sensor
Original Width 1 Sensor
Interval Sensor
Skew Correction Sensor
Seperation Sensor
Exit Sensor
Registration Sensor
Original Set Sensor
Bottom Plate HP Sensor
Feed Cover Sensor
Bottom Plate Position Sensor
Original Length 1 Sensor
Original Length 2 Sensor
Original Length 3 Sensor
DF Position Sensor
APS Start Sensor

B

Pick-up Roller HP Sensor

C

D

E

F

G

ADF Main Board PCB1

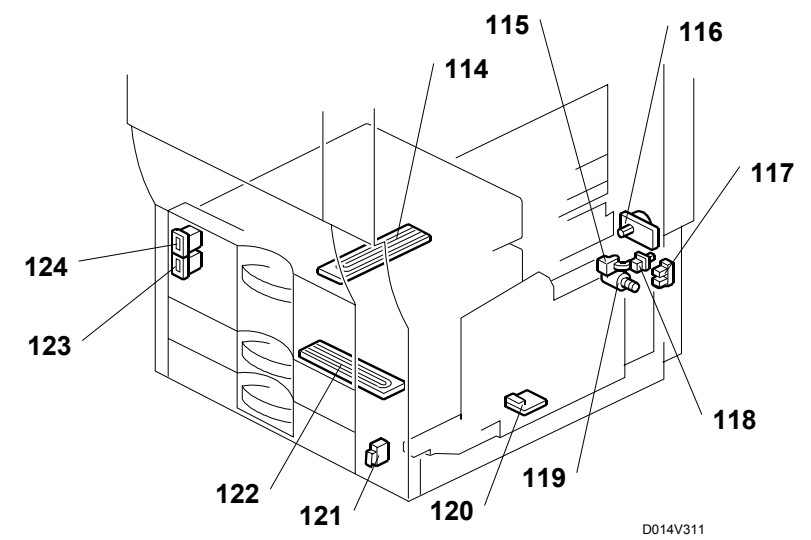
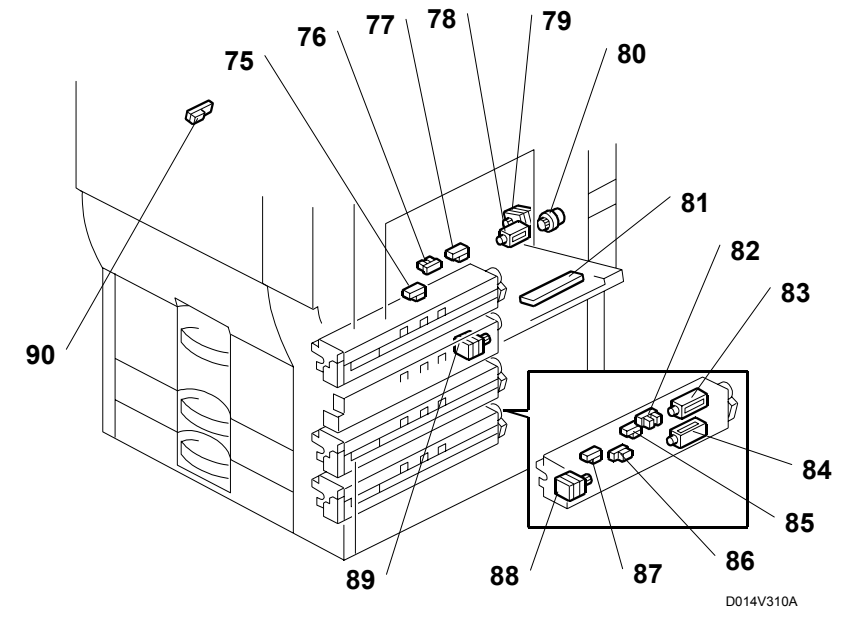
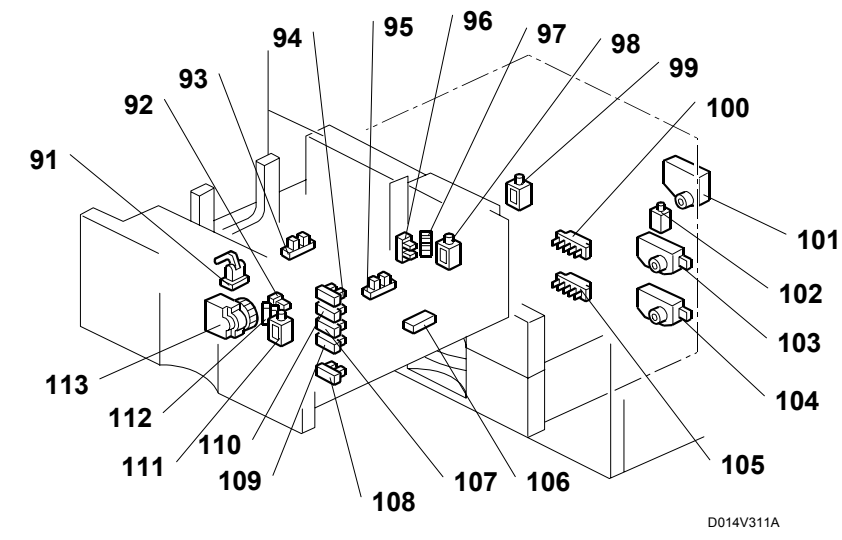
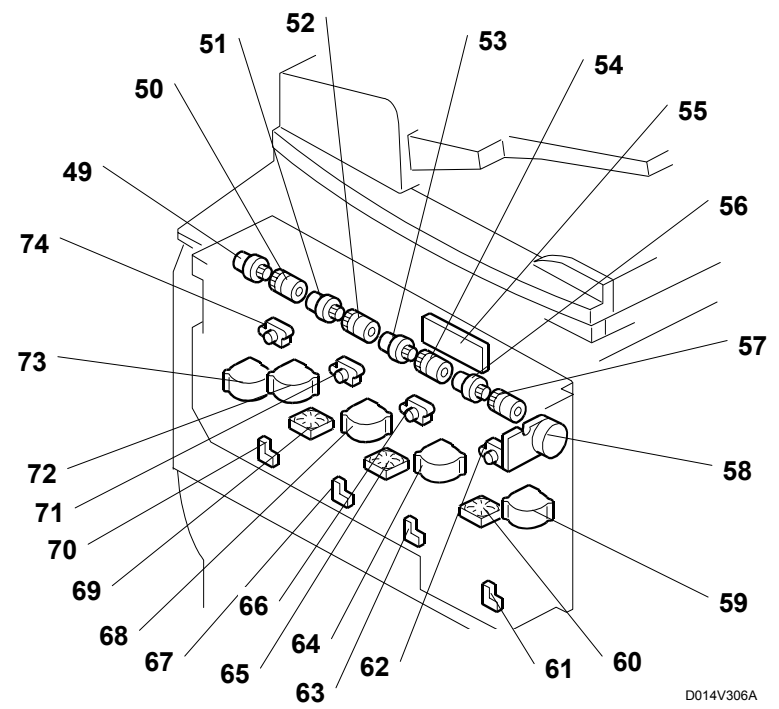
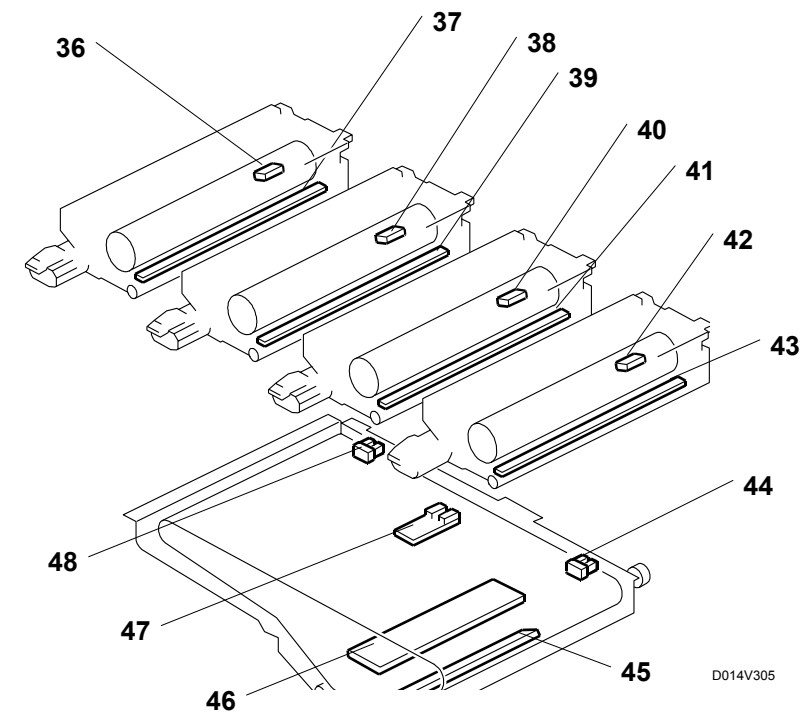
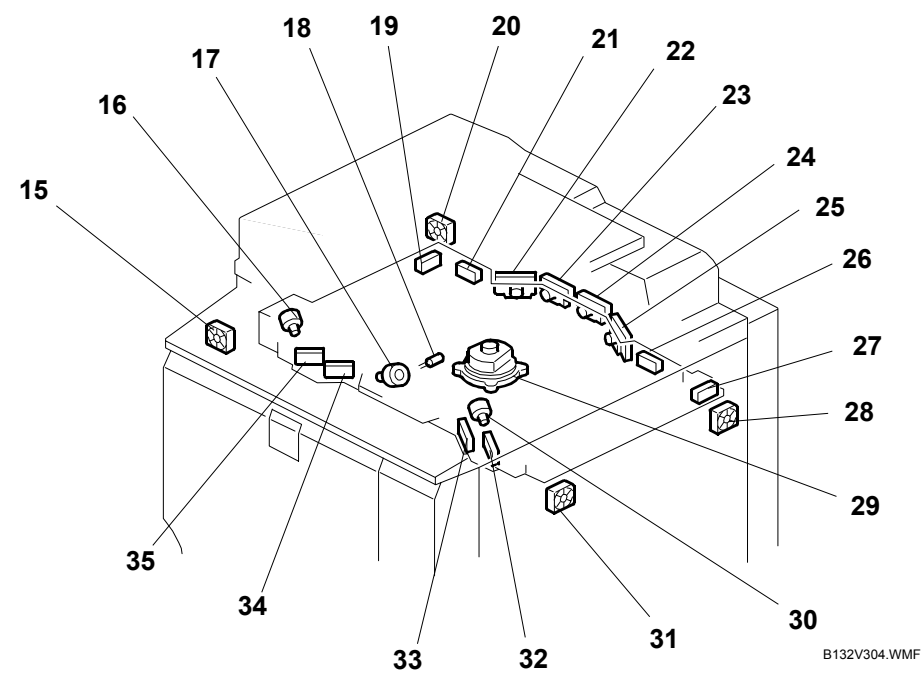
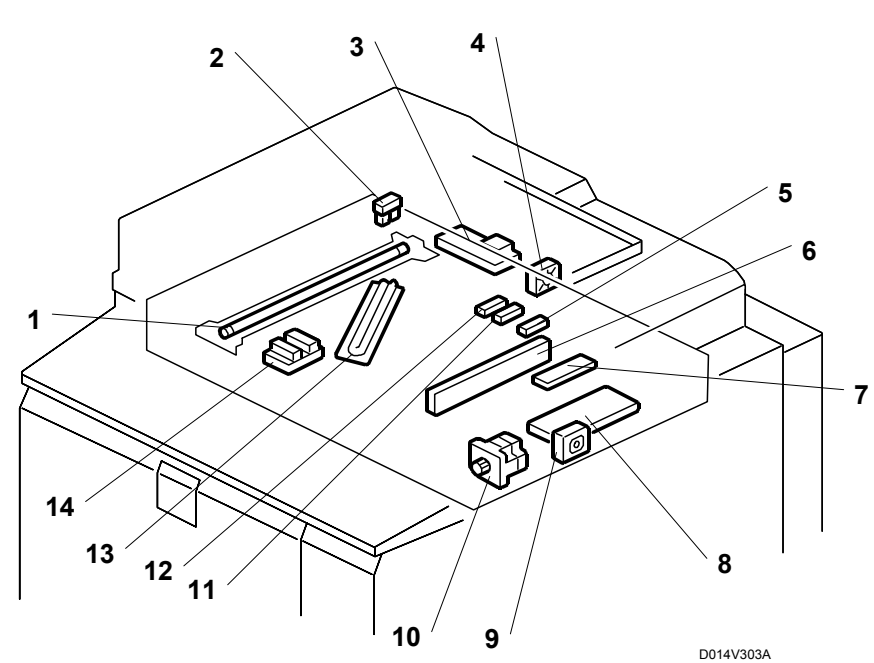
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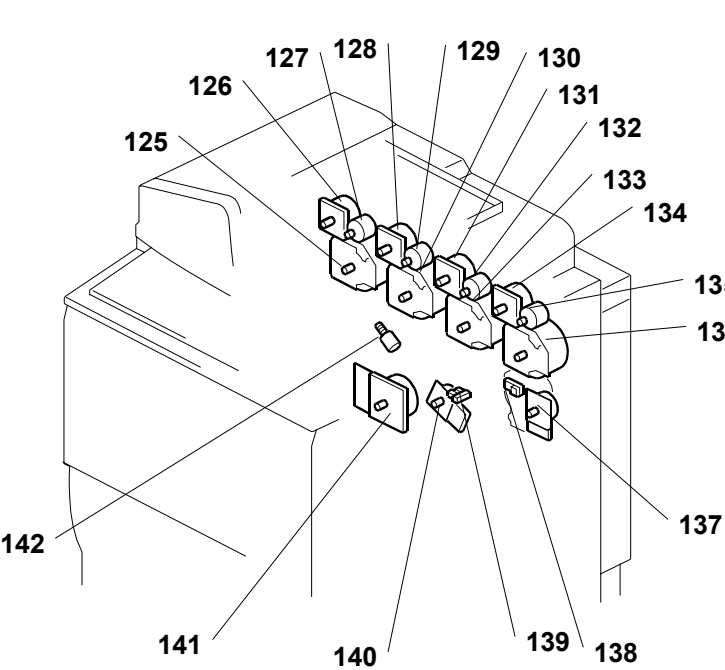
M1 Feed Motor
M2 Transport Motor
M3 Exit Motor
M4 Bottom Plate Motor
M5 Pick-up Motor
M6 Fan Motor

1 **2** **3** **4** **5** **6** **7** **8** **9** **10**

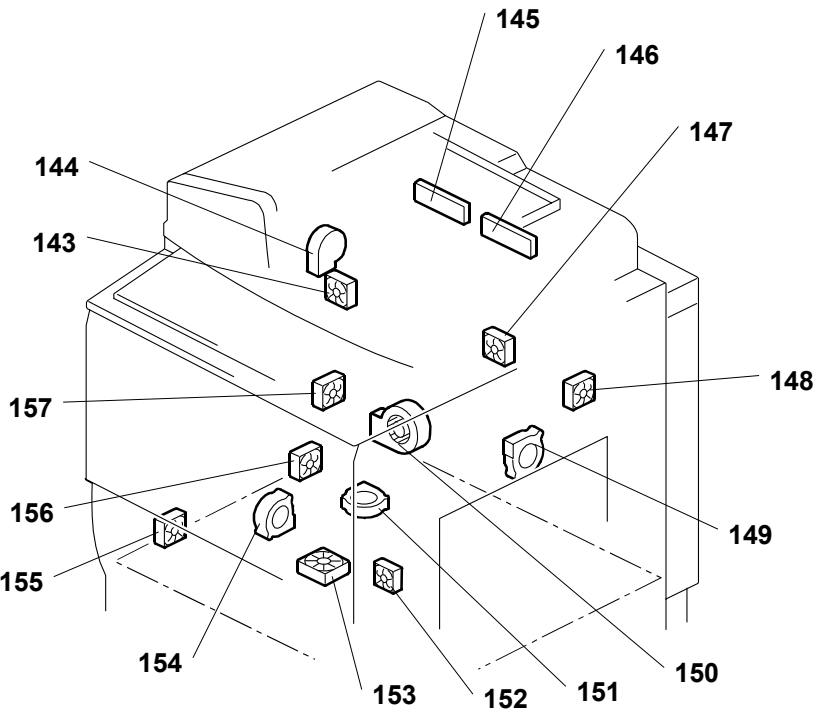
D081/D082 ELECTRICAL COMPONENT LAYOUT (1/4)



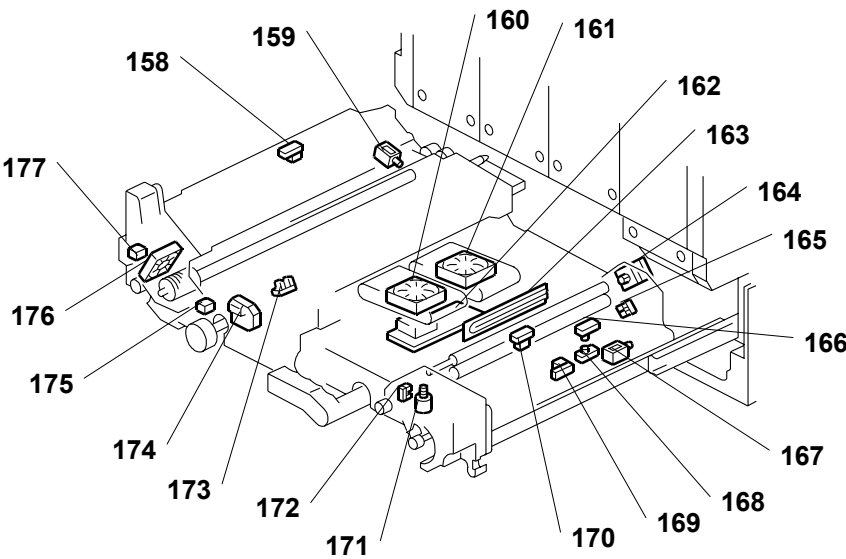
D081/D082 ELECTRICAL COMPONENT LAYOUT (2/4)



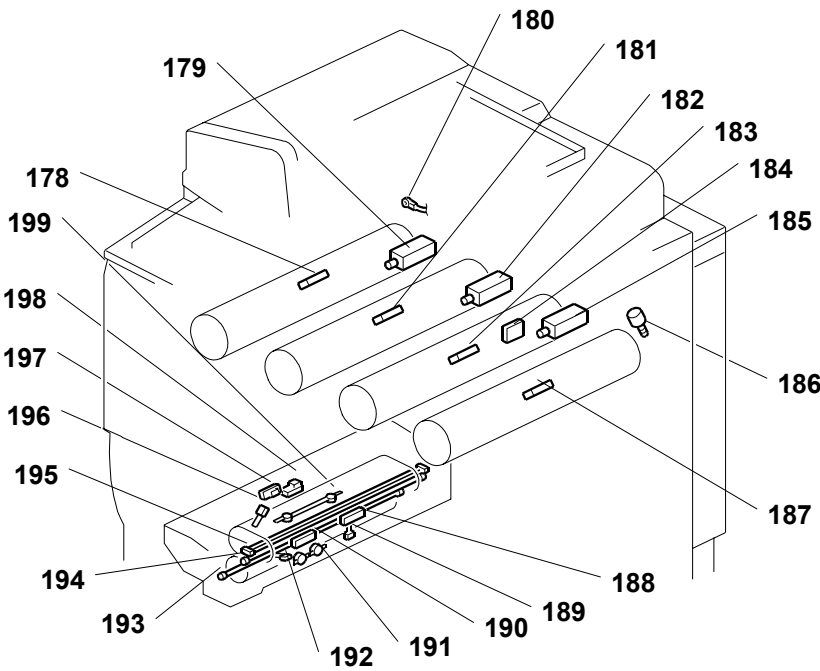
D014V309A



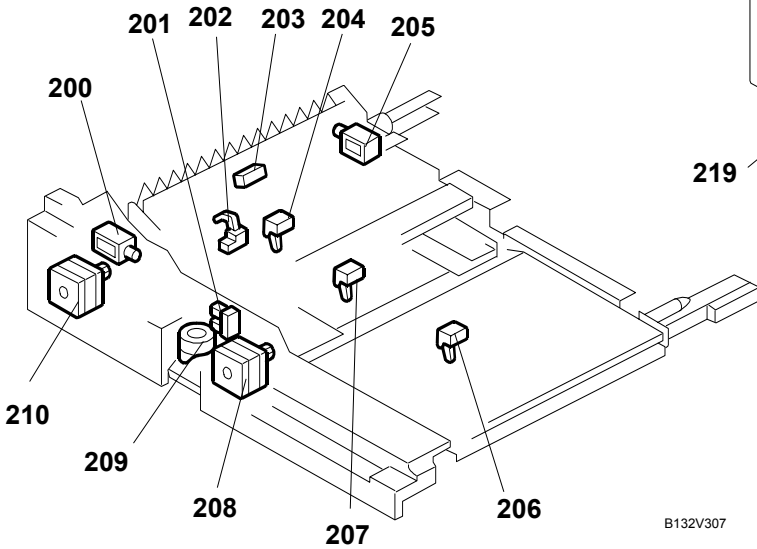
D014V309



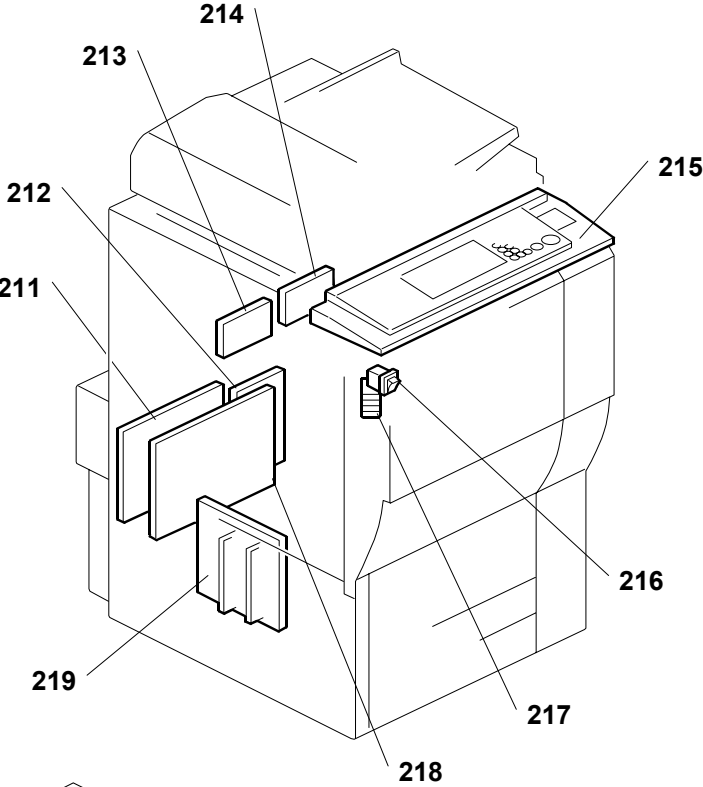
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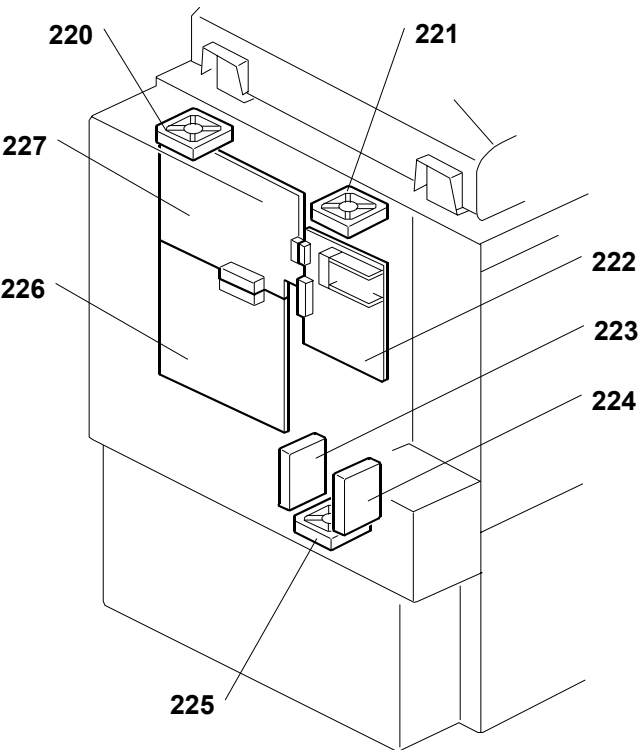
D014V351



B132V307



D014V301



D014V302

D081/D082 ELECTRICAL COMPONENT LAYOUT (3/4)

Symbol	Name	Index No.	P to P	Page
Sensors				
S1	ID Sensor: Black	45	D8	3/5
S2	ID Sensor: Color	45	D8	3/5
S3	ITB Lift Sensor (Full Color)	48	C8	3/5
S4	MUSIC Sensor: Center	45	D8	3/5
S5	MUSIC Sensor: Front	45	D8	3/5
S6	MUSIC Sensor: Rear	45	D8	3/5
S7	Paper Feed Sensor - Tray 2	87	B1	1/5
S8	Vertical Transport Sensor - Tray	86	B1	1/5
S9	Paper End Sensor - Tray 2	85	B1	1/5
S10	Lift Sensor - Tray 2	82	B1	1/5
S11	Paper Feed Sensor - Tray 3	87	B1	1/5
S12	Vertical Transport Sensor - Tray 3	86	C1	1/5
S13	Paper End Sensor - Tray 3	85	C1	1/5
S14	Lift Sensor - Tray 3	82	C1	1/5
S15	Temperature/Humidity Sensor	120	D1	1/5
S16	Used Toner Bottle Set Sensor	115	E1	1/5
S17	Used Toner Bottle Near-Full	117	D1	1/5
S18	Used Toner Bottle Full Sensor	118	E1	1/5
S19	Paper Feed Sensor - Tray 1	87	A1	1/5
S20	Vertical Transport Sensor - Tray	86	A1	1/5
S21	Paper End Sensor - Tray 1	85	A1	1/5
S22	Lift Sensor - Tray 1	82	A1	1/5
S23	Paper Near End Sensor: Tray 2	(103)	E1	1/5
S24	Paper Near End Sensor: Tray 3	(104)	E1	1/5
S25	Front Side Fence Open Sensor - Tray 1	112	E4	1/5
S26	Front Side Fence Closed Sensor - Tray 1	92	E4	1/5
S27	Rear Side Fence Open Sensor - Tray 1	97	E4	1/5
S28	Rear Side Fence Closed Sensor - Tray 1	96	E4	1/5
S29	Right Tray Down Sensor - Tray 1	108	E4	1/5
S30	Paper Near End Sensor - Tray 1	94	E4	1/5
S31	Paper Height Sensor 1- Tray 1	110	E4	1/5
S32	Paper Height Sensor 2- Tray 1	107	E4	1/5
S33	Paper Height Sensor 3- Tray 1	109	F4	1/5
S34	Right Tray Paper Sensor - Tray 1	106	F4	1/5
S35	Rear Fence HP Sensor - Tray 1	93	E1	1/5
S36	Rear Fence Return Sensor - Tray	95	E1	1/5
S37	Left Tray Paper Sensor - Tray 1	91	F1	1/5
S38	Internal Temperature Sensor	180	B5	2/5
S39	Used Toner Lock Sensor	139	F2	2/5
S40	Duplex Transport Sensor 1	204	C1	3/5
S41	Duplex/Inverter Sensor	202	D5	3/5
S42	Duplex Entrance Sensor	203	D1	3/5
S43	Duplex Transport Sensor 3	206	D2	3/5
S44	Duplex Transport Sensor 2	207	C2	3/5
S45	Duplex Jogger HP Sensor	201	C2	3/5
S46	Double-Feed Detection Sensor	166	D3	3/5
S47	Guide Plate Sensor	165	D3	3/5
S48	Relay Sensor	169	D3	3/5
S49	Registration Sensor	170	D3	3/5
S50	Paper Exit Sensor	158	C1	3/5
S51	Bypass Paper Feed Sensor	77	C3	3/5
S52	Bypass Paper End Sensor	76	C3	3/5
S53	Bypass Paper Size Sensor	81	D4	3/5
S54	Paper Exit Relay Sensor	90	F5	2/5
S56	TD Sensor - M	40	D6	3/5
S57	TD Sensor - K	42	D7	3/5
S58	Temperature/Humidity Sensor (K PCU)	184	D6	2/5
S59	TD Sensor - Y	36	D5	3/5
S60	TD Sensor - C	38	D6	3/5
S61	ITB Lift Sensor (BW)	44	C8	3/5
S62	Fusing Pressure Release Sensor	173	C4	3/5
S63	Potential Sensor - K	187	B6	2/5
S64	Potential Sensor - M	183	B6	2/5
S65	Potential Sensor - C	181	B6	2/5
S66	Potential Sensor - Y	178	B6	2/5
S67/S6	Laser Unit Temperature Sensor	18	D9	2/5
S69	Toner End Sensor: M	66	C1	2/5
S70	Toner End Sensor: K	62	C1	2/5
S71	Toner End Sensor - Y	74	B1	2/5
S72	Toner End Sensor - C	71	B1	2/5
S73	Scanner HP Sensor	2	B5	2/5
S74	Original Width Sensors	14	A5	2/5
S75	Original Length Sensor - 1	12	A5	2/5
S76	Original Length Sensor -2	11	B5	2/5
S77	Accordion Jam Sensor	197	C8	1/5
S78	Fusing Exit Sensor	198	C8	1/5
S79	LCT Relay Sensor	75	F2	2/5
S80	Original Length Sensor -3	5	B5	2/5
S81	Encoder	138	C3	2/5
S82	PTR Contact Sensor	172	C4	3/5
S83	ITB Position Sensor	45	D9	3/5



Symbol	Name	Index No.	P to P	Page
Motors				
M1	Scanner Motor	10	B5	2/5
M2	Lower Relay Motor	89	C1	1/5
M3	Paper Feed Motor - Tray 1	88	C1	1/5
M4	Paper Feed Motor - Tray 3	88	C1	1/5
M5	Paper Feed Motor - Tray 2	88	D1	1/5
M6	Used Toner Distribution Motor	119	D1	1/5
M7	Lift Motor - Tray 2	103	E1	1/5
M8	Lift Motor - Tray 3	104	E1	1/5
M9	Lift Motor - Tray 1	101	E1	1/5
M10	Rear Fence Motor - Tray 1	113	E1	1/5
M11	ITB Lift Motor	142	E6	2/5
M12	Ozone Fan	151	C6	3/5
M13	Fusing Unit Fan Motor: Lower	144	C6	3/5
M14	Fusing Cooling Fan Motor	15	F4	2/5
M15	Fusing Exhaust Fan Motor	20	F4	2/5
M16	Fusing/Exit Motor	141	F2	2/5
M17	PTR Motor	140	F3	2/5
M18	Bypass Feed Motor	79	F3	2/5
M19	Duplex Jogger Motor	209	D2	3/5
M20	Duplex Unit Fan Motor	153	D2	3/5
M21	Duplex Transport Motor	208	D1	3/5
M22	Duplex Inverter Motor	210	D1	3/5
M23	Registration Motor	164	D2	3/5
M24	Belt Cleaning Fan	154	D7	2/5
M25	Pipe Cooling Fan Motor	176	D5	3/5
M26	Paper Transport Fan Motor - Rear	161	D4	3/5
M27	Paper Transport Fan Motor -	160	D4	3/5
M28	Paper Exit Fan Motor	157	F5	2/5
M29	Front Duplex Fan Motor	155	F6	2/5
M30	Rear Duplex Fan Motor	156	F6	2/5
M31	Potential Sensor Fan	152	D6	2/5
M32	Peltier Cooling Fan Motor	148	D6	2/5
M33	Peltier Circulation Fan Motor	147	D6	2/5
M34	Laser Unit Cooling Fan Motor -	31	D6	2/5
M35	Laser Unit Cooing Fan Motor -	28	D6	2/5
M36	Development Motor: Y	126	B3	2/5
M37	Development Motor: C	128	B3	2/5
M38	Development Motor: M	131	B3	2/5
M39	Development Motor: K	134	C3	2/5
M40	Controller Box Exhaust Fan	220	D6	2/5
M41	Controller Box Exhaust Fan	221	C5	2/5
M42	Drum Motor - Y	125	B3	2/5
M43	Drum Motor - C	130	B3	2/5
M44	Drum Motor - M	133	B3	2/5
M45	Drum Motor - K	136	C3	2/5
M46	ITB Drive Motor	137	C3	2/5
M47	3rd Mirror Motor - M	30	D8	2/5
M48	Polygon Mirror Motor	29	D8	2/5
M49	3rd Mirror Motor - Y	16	D9	2/5
M50	3rd Mirror Motor - C	17	D9	2/5
M51	Toner Hopper Motor	58	C1	2/5
M52	PCU Fan Motor - Y	73	B1	2/5
M53	PCU Fan Motor - C	69	B1	2/5
M54	PCU Fan Motor - M	65	B1	2/5
M55	PCU Fan Motor - K	60	C1	2/5
M56	Scanner Unit Fan Motor - Rear	4	B6	2/5
M57	Scanner Unit Fan Motor - Right	9	B5	2/5
M58	Used Toner Collection Bottle	116	E1	1/5
M59	Development Intake Fan – K	59	B1	2/5
M60	Development Intake Fan – M	64	B1	2/5
M61	Development Intake Fan – C	68	B1	2/5
M62	Development Intake Fan – Y	72	B1	2/5
M63	Drum Cleaning Motor (Y)	127	C3	2/5
M64	Drum Cleaning Motor (C)	129	C3	2/5
M65	Drum Cleaning Motor (M)	132	C3	2/5
M66	Drum Cleaning Motor (K)	135	D3	2/5
M67	Charge Wire Cleaner Motor	186	D6	2/5
M68	Ozone Intake Fan	149	D7	2/5
M69	Drive Exit Fan	143	C6	3/5
M70	Ozone Exhaust Fan	150	C6	3/5
M71	PTR Lift Motor	171	D4	3/5
M72	Fusing Pressure Release Motor	174	D5	3/5
M73	HDD Cooling Fan Motor	225	A4	4/5
M74	CPU Fan	226	A4	4/5

Symbol	Name	Index No.	P to P	Page
PCBs				
PCB1	PFB	212	A3	1/5
PCB2	AC Drive Board	219	B5	1/5
PCB3	PSU	218	D5	1/5
PCB4	DRB	214	E1/B1	2/5, 3/5
PCB5	Power Pack: Development Bias	146	C5	2/5
PCB6	Charge Roller Power Pack	211	D8	1/5
PCB7	Power Pack: Transfer	46	C9	3/5
PCB8	Power Pack: Separate	162	C4	3/5
PCB9	DTMB	213	D2	2/5
PCB10	IPU	227	D7/B2	2/5, 4/5
PCB11	Potential Sensor Board	145	C6	2/5
PCB12	CNB	55	C1	2/5
PCB13	IDCB: C1	67	A1	2/5
PCB14	IDCB: M1	63	A1	2/5
PCB15	IDCB: K1	61	A1	2/5
PCB16	IDCB: Y1	70	A1	2/5
PCB17	SBU	6	A6	2/5
PCB18	SIOB	8	B5	2/5
PCB19	Lamp Regulator	3	B5	2/5
PCB20	VBCU	226	E4/B3	2/5, 3/5
PCB21	LDB (K)	25	A8	2/5
PCB22	LDB (M)	24	B8	2/5
PCB23	LDB (C)	22	C8	2/5
PCB24	LDB (Y)	23	C8	2/5
PCB25	LSD: Front: K	27	A8	2/5
PCB26	LSD: Front: M	26	A8	2/5
PCB27	LSD: Front: C	21	A8	2/5
PCB28	LSD: Front: Y	19	A8	2/5
PCB29	LSD: Rear: Y	35	A8	2/5
PCB30	LSD: Rear: C	34	A8	2/5
PCB31	LSD: Rear: M	33	A8	2/5
PCB32	LSD: Rear K	32	A8	2/5
PCB33	Controller Board	222	B3	4/5
PCB34	SCNB	7	A7	2/5
PCB35	Operation Panel	215	A1	4/5

Symbol	Name	Index No.	P to P	Page
Quenching Lamps				
QL1	Quenching Lamp - K	43	D7	3/5
QL2	Quenching Lamp - C	39	D6	3/5
QL3	Quenching Lamp - M	41	D7	3/5
QL4	Quenching Lamp - Y	37	D7	3/5

Symbol	Name	Index No.	P to P	Page
Lamps				
L1	Exposure Lamp	1	B6	2/5
L2	Heating Roller Fusing Lamp 2	195	B8	1/5
L3	Heating Roller Fusing Lamp 3 (Center)	195	B8	1/5
L4	Heating Roller Fusing Lamp 1	194	B8	1/5
L5	Pressure Roller Fusing Lamp	193	B8	1/5

Symbol	Name	Index No.	P to P	Page
LEDs				
LED1	Double-Feed Detection LED	168	D3	3/5
LED2	Accordion Jam Sensor (LED)	177	D5	3/5
LED3	Fusing Exit Sensor (LED)	175	D5	2/5

Symbol	Name	Index No.	P to P	Page
Heaters				
H1	Lower Tray Heater	122	A5	1/5
H2	Anti-Condensation Heater - Scanner (Option)	13	A5	2/5
H3	Anti-Condensation Heater -	163	A5	1/5
H4	Upper Tray Heater	114	A5	1/5

Symbol	Name	Index No.	P to P	Page
Solenoids				
SOL1	Pick-up Solenoid - Tray 2	83	B1	1/5
SOL2	Separation Roller Solenoid - Tray	84	B1	1/5
SOL3	Pick-up Solenoid - Tray 3	83	C1	1/5
SOL4	Separation Roller Solenoid - Tray	84	C1	1/5
SOL5	Pick-up Solenoid - Tray 1	83	A1	1/5
SOL6	Separation Roller Solenoid - Tray	84	A1	1/5
SOL7	Front Side Fence Solenoid -Tray 1	111	F4	1/5
SOL8	Rear Side Fence Solenoid - Tray	98	F4	1/5
SOL9	Right Tray Lock Solenoid - Tray 1	102	F1	1/5
SOL10	Left Tray Lock Solenoid - Tray 1	99	F1	1/5
SOL11	Duplex Junction Gate Solenoid	205	D2	3/5
SOL13	Guide Plate Solenoid	167	D3	3/5
SOL14	Inverter Junction Gate Solenoid	159	D5	3/5
SOL15	Bypass Pick-up Solenoid	78	D4	3/5
SOL16	Charge Cleaning Solenoid: Y	179	D6	2/5
SOL17	Charge Cleaning Solenoid: C	182	D6	2/5
SOL18	Charge Cleaning Solenoid: M	185	D6	2/5
SOL19	Duplex Inverter Solenoid	200	D2	3/5

Symbol	Name	Index No.	P to P	Page
Magnetic Clutches				
MC1	Bypass Feed Clutch	80	D4	3/5
MC2	Toner Pump Clutch - M	53	B1	2/5
MC3	Toner Supply Clutch - M	54	B1	2/5
MC4	Toner pump Clutch: K	56	C1	2/5
MC5	Toner Supply Clutch: K	57	C1	2/5
MC6	Toner pump Clutch - Y	49	B1	2/5
MC7	Toner Supply Clutch - Y	50	B1	2/5
MC8	Toner pump Clutch - C	51	A1	2/5
MC9	Toner Supply Clutch - C	52	A1	2/5

Symbol	Name	Index No.	P to P	Page
Switches				
SW1	Lower Front Door Switch	121	A2	1/5
SW2	Main Power Switch	216	D7	1/5
SW4	Paper Size Switch - Tray 2	100	D1	1/5
SW5	Paper Size Switch - Tray 3	105	D1	1/5
SW6	Interlock SWs	217	D3/F4	2/5

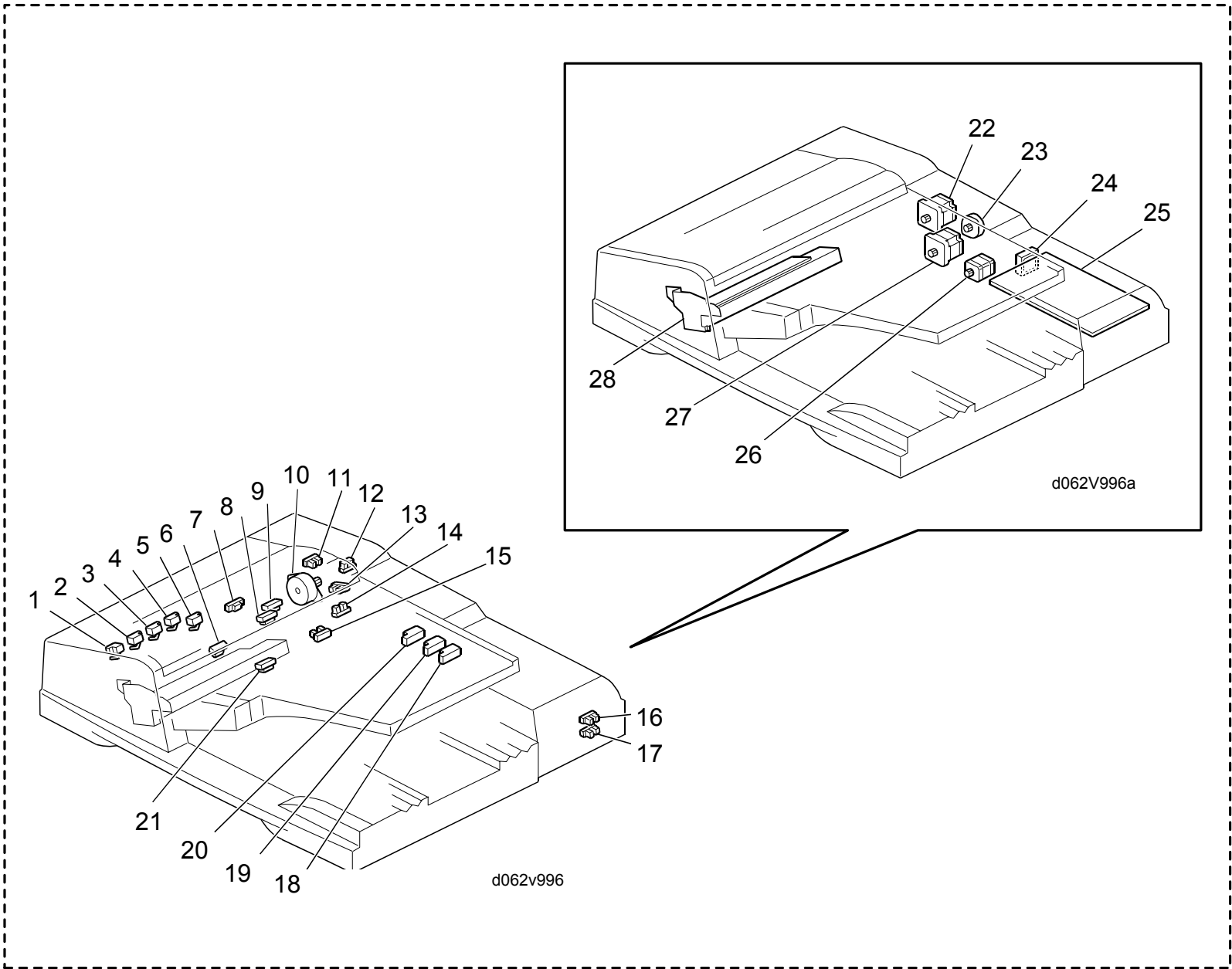
Symbol	Name	Index No.	P to P	Page
Counters				
TC1	Total Counter - FC	124	F6	2/5
TC2	Total Counter - K	123	F5	2/5

Symbol	Name	Index No.	P to P	Page
Thermostats				
TS1/2	Thermostats	191	A8/C8	1/5
TS3/4	Thermostats	199	A8/C8	1/5

Symbol	Name	Index No.	P to P	Page
Thermistors				
TH1	Heating Roller Thermistor	192	A8	1/5
TH2	Hot Roller Thermistor	196	A8	1/5
TH3	Pressure Roller Thermistor	189	C8	1/5
TH4	Heating Roller Center Thermistor	188	A8	1/5
TH5	Heating Roller End Thermistor	190	A8	1/5

Symbol	Name	Index No.	P to P	Page
HDDs				
HDD1/2	HDD 1/2	223	B4	4/5
HDD3/4	HDD 3/4	224	B4	4/5

ADF (FOR D081/D082) ELECTRICAL COMPONENT LAYOUT (4/4)



Symbol	Index No.	Description	P to P
Motors			
M1	22	Feed	A10 (5/5)
M2	27	Transport	B10 (5/5)
M3	26	Exit	B10 (5/5)
M4	23	Bottom Plate	C10 (5/5)
M5	10	Pick-up	D10 (5/5)
—	24	ADF Fan	—
Sensors			
S1	1	Original Width 5	A1 (5/5)
S2	2	Original Width 4	B1 (5/5)
S3	3	Original Width 3	B1 (5/5)
S4	4	Original Width 2	B1 (5/5)
S5	5	Original Width 1	B1 (5/5)
S6	11	Pick-up Roller HP	B3 (5/5)
S7	7	Interval	C1 (5/5)
S8	9	Skew Correction	C1 (5/5)
S9	8	Seperation Sensor	C1 (5/5)
S10	21	Exit	D1 (5/5)
S11	6	Registration	D1 (5/5)
S12	14	Original Set	D1 (5/5)
S13	15	Bottom Plate HP	E1 (5/5)
S14	12	Feed Cover	E1 (5/5)
S15	13	Bottom Plate Position	E1 (5/5)
S16	18	Original Length 1	F1 (5/5)
S17	19	Original Length 2	F1 (5/5)
S18	20	Original Length 3	F1 (5/5)
S19	16	DF Position	G3 (5/5)
S20	17	APS Start	G3 (5/5)
Solenoids			
SOL1	—	Stamp Solenoid	E10 (5/5)
PCBs			
PCB1	25	DF Main	D6 (5/5)
Lamps			
L1	28	CIS	G9 (5/5)