D062/D063/D065/D066 Point To Point Diagram (1/4)

Controller

PCB1:OPU

PCB2:IPU

PCB3

PCB4:CNB

PCB5

PCB6:SIOB

PCB7:SBU

PCB8:SCNB

PCB9:LD

PCB10:BCU

PCB11:DRB

Drum Motor

Fusing/Exit Motor

Development Motor

Duplex Inverter Motor

Duplex Transport Motor

Registration Motor

By-pass Feed Motor

Front Door Safety Switch

Laser Synchronization Detector

Polygon MT Drive Board

Polygon Mirror Motor

Lamp Stabilizer

Exposure Lamp

Scanner Motor

Scanner Fan Motor - Right

Original Width Sensor

Original Length2 Sensor

Original Length1 Sensor

Scanner HP Sensor

Lamp Cooling Fan

Front Cover Safety Switch

C4a/b/d only

C4a/b/d only

D062/D063/D065/D066 Point To Point Diagram (2/4)

PCB14:PFB

1st Paper Feed Sensor S52
1st Vertical Transport Sensor S51
1st Pick-up Solenoid SOL10
1st Paper End Sensor S50
1st Tray Lift Sensor S49
1st Seperation Roller Solenoid SOL13
Temperature Sensor S48
2nd Paper Feed Sensor S47
2nd Vertical Transport Sensor S46
2nd Pick-up Solenoid SOL14
2nd Paper End Sensor S45
2nd Tray Lift Sensor S44
2nd Seperation Roller Solenoid SOL11
3rd Paper Feed Sensor S43
3rd Vertical Transport Sensor S42
3rd Pick-up Solenoid SOL12
3rd Paper End Sensor S41
3rd Tray Lift Sensor S40
3rd Seperation Roller Solenoid SOL9

CN273
1st Paper Feed Sensor:GND
1st Paper Feed Sensor
1st Paper Feed Sensor:5V
1st Vertical Transport Sensor:GND
1st Vertical Transport Sensor
1st Vertical Transport Sensor:5V
1st Pick-up Solenoid:24V
1st Pick-up Solenoid
1st Paper End Sensor:GND
1st Paper End Sensor
1st Paper End Sensor:5V
1st Tray Lift Sensor:GND
1st Tray Lift Sensor
1st Tray Lift Sensor:5V
1st Seperation Roller Solenoid:24V
1st Seperation Roller Solenoid
Temperature Sensor:Temp.
Temperature Sensor:5V

CN272
2nd Paper Feed Sensor:GND
2nd Paper Feed Sensor
2nd Paper Feed Sensor:5V
2nd Vertical Transport Sensor:GND
2nd Vertical Transport Sensor
2nd Vertical Transport Sensor:5V
2nd Pick-up Solenoid:24V
2nd Pick-up Solenoid
2nd Paper End Sensor:GND
2nd Paper End Sensor
2nd Paper End Sensor:5V
2nd Tray Lift Sensor:GND
2nd Tray Lift Sensor
2nd Tray Lift Sensor:5V
2nd Seperation Roller Solenoid:24V
2nd Seperation Roller Solenoid

CN271
3rd Paper Feed Sensor:GND
3rd Paper Feed Sensor
3rd Paper Feed Sensor:5V
3rd Vertical Transport Sensor:GND
3rd Vertical Transport Sensor
3rd Vertical Transport Sensor:5V
3rd Pick-up Solenoid:24V
3rd Pick-up Solenoid
3rd Paper End Sensor:GND
3rd Paper End Sensor
3rd Paper End Sensor:5V
3rd Tray Lift Sensor:GND
3rd Tray Lift Sensor
3rd Tray Lift Sensor:5V
3rd Seperation Roller Solenoid:24V
3rd Seperation Roller Solenoid

C4a/b/d (D062/D063/D065)

2nd Paper Feed Motor M34
1st Paper Feed Motor M33
3rd Paper Feed Motor M32

CN275
2nd Paper Feed Motor:-B
2nd Paper Feed Motor:B
2nd Paper Feed Motor:24VINT
2nd Paper Feed Motor:-A
2nd Paper Feed Motor:A
STM:2nd Paper Feed Motor:24VINT
STM:1st Paper Feed Motor:-B
STM:1st Paper Feed Motor:B
STM:1st Paper Feed Motor:COM
STM:1st Paper Feed Motor:-A
STM:1st Paper Feed Motor:A
STM:1st Paper Feed Motor:COM
NC
CN274
STM:3rd Paper Feed Motor:-B
STM:3rd Paper Feed Motor:B
STM:3rd Paper Feed Motor:24VINT
STM:3rd Paper Feed Motor:-A
STM:3rd Paper Feed Motor:A
STM:3rd Paper Feed Motor:24VINT

C4e (D066)

2nd Paper Feed Motor M34
1st Paper Feed Motor M33
3rd Paper Feed Motor M32

CN275
2nd Paper Feed Motor:-B
2nd Paper Feed Motor:B
2nd Paper Feed Motor:24VINT
2nd Paper Feed Motor:-A
2nd Paper Feed Motor:A
STM:2nd Paper Feed Motor:24VINT
STM:1st Paper Feed Motor:-B
STM:1st Paper Feed Motor:B
STM:1st Paper Feed Motor:COM
STM:1st Paper Feed Motor:-A
STM:1st Paper Feed Motor:A
STM:1st Paper Feed Motor:COM
NC
CN274
STM:3rd Paper Feed Motor:-B
STM:3rd Paper Feed Motor:B
STM:3rd Paper Feed Motor:24VINT
STM:3rd Paper Feed Motor:-A
STM:3rd Paper Feed Motor:A
STM:3rd Paper Feed Motor:24VINT

3rd Tray Paper Size Sensor SW9
2nd Tray Paper Size Sensor SW8

CN270
3rd Paper Size Sensor:GND
3rd Paper Size Sensor5
3rd Paper Size Sensor4
3rd Paper Size Sensor3
3rd Paper Size Sensor2
3rd Paper Size Sensor1
2nd Paper Size Sensor:GND
2nd Paper Size Sensor5
2nd Paper Size Sensor4
2nd Paper Size Sensor3
2nd Paper Size Sensor2
2nd Paper Size Sensor1

2nd Tray Lift Motor M31
3rd Tray Lift Motor M30
1st Tray Lift Motor M29

CN264
2nd Near End Sensor
COM(CGND)
2nd Paper Height Sensor 2
2nd Tray Lift Motor Lift
2nd Tray Lift Motor Down
3rd Near End Sensor
COM(CGND)
3rd Paper Height Sensor
3rd Tray Lift Motor Lift
3rd Tray Lift Motor Down
1st Tray Lift Motor Down
1st Tray Lift Motor Lift

Toner Collection Bottle Set SW7
Toner Overflow Switch SW6
Toner Collection Motor M28

CN268
Toner Collection Bottle Set Switch:GND
Toner Collection Bottle Set Switch
Toner Overflow Switch:GND
Toner Overflow Switch
Toner Collection Motor:Lock Sensor
Toner Collection Motor:Rotate/Stop
Toner Collection Motor:PGND
Toner Collection Motor:24V

PCB12:PSU/AC Drive

AC IN
Plug for NA
Plug for EU
Main SW SW4
To:CTL_PSU K-16(2/3) CN909 (PM Relay)
Drum Heater H1 H2
Scanner Heater (Option)
Lower Tray Heater H3 H4
Upper Tray Heater
To:BCU L-23(1/3) CN200
TB101 TB102 FL

CN113
VAA(24V)
VAA(24V)
GND
GND
VCC2(5V)

CN260
24VS
24V
GND
GND
5V

CN263
Paper Feed Motor 4:Clock
Paper Feed Motor 4:Drive Change
Paper Feed Motor 4:Rotation Change
Paper Feed Motor 4:Current Change
Paper Feed Motor 2:Clock
Paper Feed Motor 2:Drive Change
Paper Feed Motor 2:Rotation Change
Paper Feed Motor 2:Current Change
1st Paper Feed Sensor
1st Vertical Transport Sensor
Bank Reset
PFB:Serial:Send Data
PFB:Serial:Send Clock
GND
PFB:Serial:Send Data
PFB:Serial:Receive Clock
PFB:Serial:Send AXD
GND
4th Pick-up Solenoid
3rd Pick-up Solenoid
2nd Pick-up Solenoid
1st Pick-up Solenoid
4th Vertical Transport Sensor
4th Paper Feed Sensor
3rd Vertical Transport Sensor
3rd Paper Feed Sensor
2nd Vertical Transport Sensor
2nd Paper Feed Sensor
Paper Feed Motor 1:Drive Change
Paper Feed Motor 1:Rotation Chage
Paper Feed Motor 1:Current Change
Paper Feed Motor 2:Clock
Paper Feed Motor 2:Drive Change
Paper Feed Motor 2:Rotation Change
Paper Feed Motor 2:Current Change
CN900 JCN900
CN901 JCN901
To:BCU Relay H4(1/3)

CN351 M35 PSU Cooling Fan 1
CN352 M36 PSU Cooling Fan 2
CN112 AC Key Counter HT7(CU)L AC Key Counter HT7(CU)N

C4a/b/d (D062/D063/D065)

Fuse List			Remarks
CB1	20A	TB101	
FU1	2A	CN103-1,-2,CN104-1,-2	Drum, Scanner, Tray Heater
FU101	12A	CN111,-1,-2	Main Switch
FU103	6.3A	CN113-5,CN117,-1,CN119,-1	5V:ADF,PFB,BCU
FU104	6.3A	CN119-2	5V:SIOB,DRB,Development M
FU105	6.3A	CN113,-1,-2,CN123,-1	24V:PFB
FU106	6.3A	CN120-1	24V:ADF,SIOB
FU107	6.3A	CN120-2	24V:SIOB,BCU,LCT
FU108	6.3A	CN120-3	24V:FIN
FU109	6.3A	CN120-4	24V:DRB,Drum M,Fusing/Exit M
FU110	6.3A	CN120-5	24V:BCU,Development M
FU111	6.3A	CN120-6	24V:SIOB,Polygon Mirror M,DRB
FU113	2A	CN121-1,-2	24V:OPU,FCU
FU115	8A	CN122-1	24V:Capacitor
FU116	8A	CN122-2	24V:Capacitor

C4e (D066)

Fuse List			Remarks
FU100	8A	TB101	
FU101(FU)	5A	CN111-1,-2	Main SW
FU103	6.3A	CN113-5,CN117-1,CN119-1	5V:ADF,PFB,BCU
FU104	6.3A	CN119-2	5V:SIOB,DRB,Development M
FU105	6.3A	CN113-1,-2,CN123-1	24V:PFB
FU106	6.3A	CN120-1	24V:ADF,SIOB
FU107	6.3A	CN120-2	24V:SIOB,BCU,LCT
FU108	6.3A	CN120-3	24V:FIN
FU109	6.3A	CN120-4	24V:DRB,Drum M,Fusing/Exit M
FU110	6.3A	CN120-5	24V:BCU,Development M
FU111	6.3A	CN120-6	24V:SIOB,Polygon M,DRB
FU113	2A	CN121-1,-2	24V:OPU,FCU

CN123 VAA(24V) NC FAN-TRG
CN106 HT3 Fusing Lamp3 L HT3 Fusing Lamp3 N
CN102 HT2 Fusing Lamp2 L HT1 Fusing Lamp2 L HT2 Fusing Lamp2 N HT1 Fusing Lamp 1 N
CN122 Vaa+24V Vaa+24V GND GND

CN165 AC-V GND HT-TRG T-GND T-24V 24V-INT GND RELAY-TRG HT2-TRG HT1-TRG ZERO-CROSS
CN119 VCC2(5V) VCC2(5V) GND VCB(+12V) VCB(+12V) GND NC
CN120 VAA(24V) VAA(24V) VAA(24V) VAA(24V) VAA(24V) VAA(24V) GND GND GND GND GND GND
CN114 GND SW-TRG
CN121 GND GND 24V(OPU) 24V(FCU)
961
354 To IPU B-14(1/3)
CN202 To:BCU L-23(1/3)
CN161 CN162 To:CNB E-8(1/3)
To:PSU/AC Drive B-12(2/3) (PM Relay) CN909

CN261 +24V_INT +24VS SW5 Lower Front Door Safety Switch

CN266
Right Tray Set Switch
Back Fence Motor:B
Back Fence Motor:B
Back Fence Motor:A
Back Fence Motor:A
Back Fence Motor:24V
Back Fence Open/Close Sensor
Back Fence Open/Close Sensor:GND
Back Fence Open/Close Sensor:5V
Right Tray Down Sensor:GND
Right Tray Down Sensor
Right Tray Down Sensor:5V
Back Fence HP Sensor:GND
Back Fence HP Sensor
Back Fence HP Sensor:5V

CN265
Right Tray Set Sensor
Front Side Fence Open Sensor:GND
Front Side Fence Open Sensor
Front Side Fence Open Sensor:5V
Front Side Fence Close Sensor:GND
Front Side Fence Close Sensor
Front Side Fence Close Sensor:5V
Rear Side Fence Open Sensor:GND
Rear Side Fence Open Sensor
Rear Side Fence Open Sensor:5V
Rear Side Fence Close Sensor:GND
Rear Side Fence Close Sensor
Rear Side Fence Close Sensor:5V
Right Tray Set Sensor:GND
Right Tray Down Sensor:GND
Right Tray Down Sensor
Right Tray Down Sensor:5V
Near End Sensor:GND
Near End Sensor
Near End Sensor:5V
Paper Height Sensor 1:GND
Paper Height Sensor 1
Paper Height Sensor 1:5V
Paper Height Sensor 2:GND
Paper Height Sensor 2
Paper Height Sensor 2:5V
Paper Height Sensor 3:GND
Paper Height Sensor 3
Paper Height Sensor 3:5V
Right Tray Paper Sensor:GND
Right Tray Paper Sensor
Right Tray Paper Sensor:5V
Front Side Fence Solenoid:24V
Front Side Fence Solenoid
Rear Side Fence Solenoid:24V
Rear Side Fence Solenoid
NC
NC
NC
NC
Left Tray
CN815 CN816

S27 Front Side Fence Open Sensor
S28 Front Side Fence Close Sensor
S29 Rear Side Fence Open Sensor
S30 Rear Side Fence Close Sensor
S31 Right Tray Down Sensor
S32 Near End Sensor
S33 Paper Height Sensor 1
S34 Paper Height Sensor 2
S35 Paper Height Sensor 3
S36 Right Tray Paper Sensor
SOL5 Front Side Fence Solenoid
SOL6 Rear Side Fence Solenoid

CN267
Left Tray Set Sensor
Rear Fence Motor:Clockwise
Rear Fence Motor:Counter-Clockwise
Rear Fence HP Sensor:GND
Rear Fence HP Sensor
Rear Fence HP Sensor:5V
Left Tray Set Sensor:GND
Rear Fence Return Sensor:GND
Rear Fence Return Sensor
Rear Fence Return Sensor:5V
Left Tray Paper End Sensor:GND
Left Tray Paper End Sensor
Left Tray Paper End Sensor:5V
Left Tray
CN814 CN815

M27 S37 Rear Fence HP Sensor
S38 Rear Fence Return Sensor
S39 Left Tray Paper End Sensor

Left Tray Lock Solenoid Connection:24V
Left Tray Lock Solenoid:Connection
Left Tray Lock SOL:24V
Left Tray Lock Sol.
Tray Type Sensor:GND
Tray Type Sensor
NC
SOL9 Right Tray Lock Solenoid
SOL10 Left Tray Lock Solenoid

PCB13:CTL_PSU

CN134 GND PWRCTL0
CN130 CTL_PSU-AC_L CTL_PSU-AC_N
CN132 5V/SE 5V/SE 5V/SE GND GND GND GND
CN133 5V/S 5V/S GND GND GND GND
CN131 12V/SE 12V/SE GND GND
CN353 CN346
To:IPU B-14(1/3)

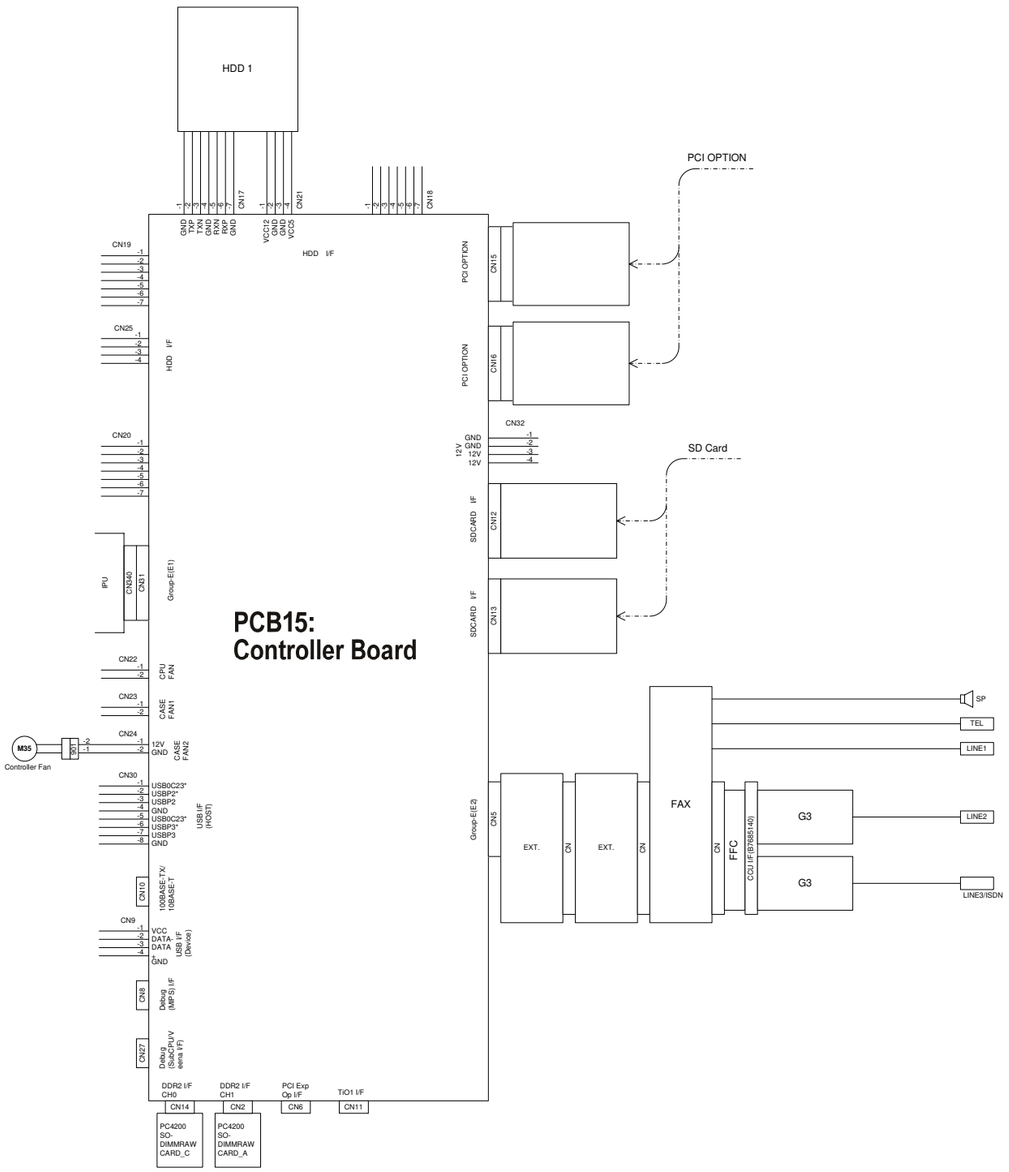
C4a/b/d (D062/D063/D065)

To:BCU J-8(1/3) CN209
Fusing Unit CN610
Center GND Rear GND Front GND
TH1 TH2 S26
Thermistor1 Thermistor2 Fusing Exit Sensor Fusing Unit Set Switch
Thermostat TS1 TS2 TS3
L4 L5
Fusing Lamp
Fusing Lamp
Fusing Unit
T5 FG G T1 T2

C4e (D066)

To BCU J-8(1/3) CN209
Fusing Unit CN610
Center GND Rear GND Front GND
TH1 TH2 S26
Thermistor2 Thermistor1 Fusing Exit Sensor Fusing Unit Set Switch
Thermostat TS1 TS2
L4 L5
Fusing Lamp
Fusing Lamp
Fusing Unit
To CN102 on PSU/AC Drive
T5 FG G T1 T2

D062/D063/D065/D066 Point To Point Diagram (3/4)



DDR-DIMM

CN2 DDR-DIMM I/F

1	VTTREF	26	DM1	51	DQS2	76	DQ(31)	101	MA(1)	126	
2	GND	27	GND	52	DM2	77	GND	102	MA(0)	127	
3	GND	28	GND	53	GND	78	GND	103	VDDQ	128	
4	DQ(4)	29	DQS1*	54	GND	79	CKE0	104	VDDQ	129	
5	DQ(0)	30	CK0	55	DQ(18)	80	CKE1	105	MA(10)	130	
6	DQ(5)	31	DQS1	56	DQ(22)	81	VDDQ	106	BS1	131	
7	DQ(1)	32	CK0*	57	DQ(19)	82	VDDQ	107	BS0	132	
8	GND	33	GND	58	DQ(23)	83	NC	108	RAS*	133	
9	GND	34	GND	59	GND	84	NC	109	WE*	134	
10	DM0	35	DQ(10)	60	GND	85	BS2	110	CS0*	135	
11	DQS0*	36	DQ(14)	61	DQ(24)	86	NC	111	VDDQ	136	
12	GND	37	DQ(11)	62	DQ(28)	87	VDDQ	112	VDDQ	137	
13	DQS0	38	DQ(15)	63	DQ(25)	88	VDDQ	113	CAS*	138	
14	DQ(6)	39	GND	64	DQ(29)	89	MA(12)	114	ODT0	139	
15	GND	40	GND	65	GND	90	MA(11)	115	CS1*	140	
16	DQ(7)	41	GND	66	GND	91	MA(9)	116	MA(13)	141	
17	DQ(2)	42	GND	67	DM3	92	MA(7)	117	VDDQ	142	
18	GND	43	DQ(16)	68	DQS3*	93	MA(8)	118	VDDQ	143	
19	DQ(3)	44	DQ(20)	69	NC	94	MA(6)	119	ODT1	144	
20	DQ(12)	45	DQ(17)	70	DQS3	95	VDDQ	120	NC	145	
21	GND	46	DQ(21)	71	GND	96	VDDQ	121	GND	146	
22	DQ(13)	47	GND	72	GND	97	MA(5)	122	GND	147	
23	DQ(8)	48	GND	73	DQ(26)	98	MA(4)	123	DQ(32)	148	
24	GND	49	DQS2*	74	DQ(30)	99	MA(3)	124	DQ(36)	149	
25	DQ(9)	50	NC	75	DQ(27)	100	MA(2)	125	DQ(33)	150	

DDR-DIMM

CN14 DDR-DIMM I/F

1	VTTREF	26	DM1	51	DQS2	76	DQ(31)	101	MA(1)	126	
2	GND	27	GND	52	DM2	77	GND	102	MA(0)	127	
3	GND	28	GND	53	GND	78	GND	103	VDDQ	128	
4	DQ(4)	29	DQS1*	54	GND	79	CKE0	104	VDDQ	129	
5	DQ(0)	30	CK0	55	DQ(18)	80	CKE1	105	MA(10)	130	
6	DQ(5)	31	DQS1	56	DQ(22)	81	VDDQ	106	BS1	131	
7	DQ(1)	32	CK0*	57	DQ(19)	82	VDDQ	107	BS0	132	
8	GND	33	GND	58	DQ(23)	83	NC	108	RAS*	133	
9	GND	34	GND	59	GND	84	NC	109	WE*	134	
10	DM0	35	DQ(10)	60	GND	85	BS2	110	CS0*	135	
11	DQS0*	36	DQ(14)	61	DQ(24)	86	NC	111	VDDQ	136	
12	GND	37	DQ(11)	62	DQ(28)	87	VDDQ	112	VDDQ	137	
13	DQS0	38	DQ(15)	63	DQ(25)	88	VDDQ	113	CAS*	138	
14	DQ(6)	39	GND	64	DQ(29)	89	MA(12)	114	ODT0	139	
15	GND	40	GND	65	GND	90	MA(11)	115	CS1*	140	
16	DQ(7)	41	GND	66	GND	91	MA(9)	116	MA(13)	141	
17	DQ(2)	42	GND	67	DM3	92	MA(7)	117	VDDQ	142	
18	GND	43	DQ(16)	68	DQS3*	93	MA(8)	118	VDDQ	143	
19	DQ(3)	44	DQ(20)	69	NC	94	MA(6)	119	ODT1	144	
20	DQ(12)	45	DQ(17)	70	DQS3	95	VDDQ	120	NC	145	
21	GND	46	DQ(21)	71	GND	96	VDDQ	121	GND	146	
22	DQ(13)	47	GND	72	GND	97	MA(5)	122	GND	147	
23	DQ(8)	48	GND	73	DQ(26)	98	MA(4)	123	DQ(32)	148	
24	GND	49	DQS2*	74	DQ(30)	99	MA(3)	124	DQ(36)	149	
25	DQ(9)	50	NC	75	DQ(27)	100	MA(2)	125	DQ(33)	150	

Group-E(E2)

CN5 Group-E(E2)

1	5VE	26	C/BE2!	51	AD58	76	SD_CMD_EN!	101	5VE	126	C/BE3!	151	AD59	176	RSVD
2	5VE	27	C/BE0!	52	AD56	77	GND	102	5VE	127	C/BE1!	152	AD57	177	GND
3	5VE	28	PCIRST!	53	GND	78	SDCLK	103	5VE	128	PME!	153	GND	178	SD_DT0
4	5VE	29	DEVSEL!	54	AD54	79	SDCD!	104	5VE	129	TRDY!	154	AD55	179	SD_DT1
5	5VE	30	IRDY!	55	AD52	80	SD_CMD	105	5VE	130	FRAME!	155	AD53	180	SD_DT2
6	5VE	31	PERR!	56	AD50	81	SDWP	106	5VE	131	STOP!	156	AD51	181	SD_DT3
7	5VE	32	PAR	57	AD48	82	GND	107	5VE	132	SERR!	157	AD49	182	GND
8	5V	33	GND	58	GND	83	OP4_SCL/OP0_CLK	108	5VE	133	GND	158	GND	183	ENGRDY1!
9	INTD!	34	AD14	59	AD46	84	OP4_CS!/OP0_TXD	109	INTC!	134	AD15	159	AD47	184	PONCTL!
10	INTA!	35	AD12	60	AD44	85	OP4_SDA/OP0_RXD	110	INTB!	135	AD13	160	AD45	185	PW_SW!
11	REQ3!	36	AD10	61	AD42	86	OP4_IRQ!	111	REQ2!	136	AD11	161	AD43	186	WKUP_L!
12	GNT6!	37	AD8	62	AD40	87	OP4_ONLINE_LED_ON!	112	GNT3!	137	AD9	162	AD41	187	WKUP_E
13	REQ1!	38	GND	63	GND	88	TIMER_UP!	113	REQ2!	138	GND	163	GND	188	OP4_RST!
14	GNT1!	39	AD6	64	AD38	89	ENG_ENABLE!	114	GNT2!	139	AD7	164	AD39	189	24V
15	GND	40	AD4	65	AD36	90	PONENG!	115	GND	140	AD5	165	AD37	190	VDET_EPCI
16	AD30	41	AD2	66	AD34	91	PONPCI!	116	AD31	141	AD3	166	AD35	191	SD_POWER_3.3VE
17	AD28	42	AD0	67	AD32	92	PSAVE_FCU	117	AD29	142	AD1	167	AD33	192	PCICLKE3
18	AD26	43	GND	68	GND	93	GND	118	AD27	143	GND	168	GND	193	GND
19	AD24	44	C/BE6!	69	PETXD	94	PCICLKE1	119	AD25	144	C/BE7!	169	PERXD	194	PCICLKE2
20	GND	45	C/BE4!	70	SDLED/PONSENS!	95	GND	120	GND	145	C/BE5!	170	RSVD	195	GND
21	AD22	46	64REQ!	71	OP2_TCLK/OP0_CLK	96	PCICLKE4	121	AD23	146	64ACK!	171	OP2_RCLK	196	RSVD
22	AD20	47	64PAR	72	OP2_TXD/OP0_TXD	97	GND	122	AD21	147	INTE!	172	OP2_RXD/OP0_RXD	197	GND
23	AD18	48	GND	73	OP2_REQ	98	12V	123	AD19	148	GND	173	SD_CMDDIR	198	12V
24	AD16	49	AD62	74	RSVD	99	12V	124	AD17	149	AD63	174	SD_DTDIR	199	12V
25	GND	50	AD60	75	SD_DT_EN!	100	12V	125	GND	150	AD61	175	RSVD	200	12V

PCI OPTION

CN15 PCI OPTION UPPER

1	GND	26	CBE3*	51	GND	76	reserved
2	INTC*	27	GND	52	CBE1*	77	3.3VEP
3	GND	28	IDSEL2_PCI	53	AD(15)	78	reserved
4	reserved	29	AD(23)	54	AD(14)	79	3.3VEP
5	GND	30	AD(22)	55	GND	80	reserved
6	CLKRUN	31	GND	56	AD(13)	81	3.3VEP
7	GND	32	AD(21)	57	AD(12)	82	reserved
8	PCIRST_OPT*	33	AD(20)	58	AD(11)	83	5VEP
9	GND	34	AD(19)	59	GND	84	reserved
10	PCLK_OPT1	35	GND	60	AD(10)	85	5VEP
11	GND	36	AD(18)	61	AD(9)	86	reserved
12	GNT1*	37	AD(17)	62	AD(8)	87	3.3VE_WSL
13	GND	38	AD(16)	63	GND	88	+24V
14	REQ1*	39	GND	64	CBE0*		
15	GND	40	CBE2*	65	AD(7)		
16	PME*	41	FRAME*	66	AD(6)		
17	AD(31)	42	IRDY*	67	AD(5)		
18	AD(30)	43	GND	68	AD(4)		
19	AD(29)	44	TRDY*	69	AD(3)		
20	AD(28)	45	DEVSEL*	70	AD(2)		
21	AD(27)	46	STOP*	71	3.3VEP		
22	AD(26)	47	GND	72	AD(1)		
23	GND	48	PERR*	73	3.3VEP		
24	AD(25)	49	SERR*	74	AD(0)		
25	AD(24)	50	PAR	75	3.3VEP		

PCI OPTION

CN16 PCI OPTION LOWER

1	GND	26	CBE3*	51	GND	76	reserved
2	TNTD*	27	GND	52	CBE1*	77	3.3VEP
3	GND	28	IDSEL3_PCI	53	AD(15)	78	reserved
4	reserved	29	AD(23)	54	AD(14)	79	3.3VEP
5	GND	30	AD(22)	55	GND	80	reserved
6	CLKRUN	31	GND	56	AD(13)	81	3.3VEP
7	GND	32	AD(21)	57	AD(12)	82	reserved
8	PCIRST_OPT*	33	AD(20)	58	AD(11)	83	5VEP
9	GND	34	AD(19)	59	GND	84	reserved
10	PCLK_OPT2	35	GND	60	AD(10)	85	5VEP
11	GND	36	AD(18)	61	AD(9)	86	reserved
12	GNT2*	37	AD(17)	62	AD(8)	87	3.3VE_WSL
13	GND	38	AD(16)	63	GND	88	+24V
14	REQ2*	39	GND	64	CBE0*		
15	GND	40	CBE2*	65	AD(7)		
16	PME*	41	FRAME*	66	AD(6)		
17	AD(31)	42	IRDY*	67	AD(5)		
18	AD(30)	43	GND	68	AD(4)		
19	AD(29)	44	TRDY*	69	AD(3)		
20	AD(28)	45	DEVSEL*	70	AD(2)		
21	AD(27)	46	STOP*	71	3.3VEP		
22	AD(26)	47	GND	72	AD(1)		
23	GND	48	PERR*	73	3.3VEP		
24	AD(25)	49	SERR*	74	AD(0)		
25	AD(24)	50	PAR	75	3.3VEP		

Group-E (E1)

CN31 Group-E(E1)

1	24V IN	26	PETp2	51	ENG_ENABLE*	76	GND	101	+5VE IN	126	GND
2	NC	27	PETn2	52	GND	77	GND	102	+5VE IN	127	OP2_TCLK/OP0_TCLK
3	GND	28	GND	53	PONSENS*	78	NC	103	+5VE IN	128	OP2_TXD/OP0_TXD
4	GND	29	PERp2	54	ENGRDY1*	79	+5VE IN	104	+5VE IN	129	OP2_REQ
5	RSVD	30	PERn2	55	GND	80	+5VE IN	105	+5VE IN	130	OP2_RCLK
6	WAKE*	31	GND	56	PW_SW*	81	+5VE IN	106	+5VE IN	131	OP2_RXD/OP0_RXD
7	GND	32	PETp3	57	WKUP_L*	82	+5VE IN	107	NC	132	GND
8	REFCLK1+	33	PETn3	58	WKUP_E	83	+5VE IN	108	GND	133	OP4_CLK/OP0_CLK
9	REFCLK1-	34	GND	59	VDET_EPCI	84	+5VE IN	109	GND	134	GND
10	GND	35	PERp3	60	PONENG*	85	+5VE IN	110	GND	135	OP4_CS*/OP0_TXD
11	REFCLK0+	36	PERn3	61	GND	86	+5VE IN	111	NC	136	OP4_SDA/OP0_RXD
12	REFCLK0-	37	GND	62	PONPCI*	87	+5VE IN	112	+12V IN	137	OP4_IRQ*
13	GND	38	RESET*	63	PSAVE_FCU	88	+5VE IN	113	+12V IN	138	OP4_ONLINE_LED_ON*
14	PETp0	39	GND	64	GND	89	+5VE IN	114	+12V IN	139	OP4_RST*
15	PETn0	40	RSVD	65	RSVD	90	+5VE IN	115	+12V IN	140	GND
16	GND	41	OP4_BUZZER(RSVD)	66	RSVD	91	+5VE IN	116	+12V IN		
17	PERp0	42	GND	67	GND	92	+5VE IN	117	+12V IN		
18	PERn0	43	GND	68	USB 1D+(RSVD)	93	+5VE IN	118	+12V IN		
19	GND	44	GND	69	USB 1D-(RSVD)	94	+5VE IN	119	+12V IN		
20	PETp1	45	GND	70	GND	95	+5VE IN	120	+12V IN		
21	PETn1	46	GND	71	5V	96	+5VE IN	121	+12V IN		
22	GND	47	PETXD	72	NC	97	+5VE IN	122	+12V IN		
23	PERp1	48	PERXD	73	GND	98	+5VE IN	123	+12V IN		
24	PERn1	49	GND	74	GND	99	+5VE IN	124	+12V IN		
25	GND	50	TIMER_UP*	75	GND	100	+5VE IN	125	NC		

PCI EXPRESS OPTION

CN6 PCI EXPRESS OPTION I/F

A1	PRSNT1*	B1	+12V
A2	+12V	B2	+12V
A3	+12V	B3	RSVD
A4	GND	B4	GND
A5	JTAG2	B5	SMCLK
A6	JTAG3	B6	SMDAT
A7	JTAG4	B7	GND
A8	JTAG5	B8	+3.3V
A9	+3.3V	B9	JTAG1
A10	+3.3V	B10	3.3Vaux
A11	PWRGD	B11	WAKE*
A12	GND	B12	RSVD
A13	REFCLK+	B13	GND
A14	REFCLK-	B14	HSOp(0)
A15	GND	B15	HSOn(0)
A16	HSIp(0)	B16	GND
A17	HsIn(0)	B17	PRSNT2*
A18	GND	B18	GND

Debug(MIPS)Serial I/F

CN8 Debug Serial I/F

1	5VE
2	GND
3	GND
4	DBTXD
5	DBRXD
6	PETXD
7	PERXD
8	N.C.

100BASE-TX/10BASE-T

CN10 100BASE-TX/10BASE-T

1	VCC
2	MX0+
3	MX0-
4	MX1+
5	MX1-
6	MX2+
7	MX2-
8	MX3+
9	MX3-
10	GND

TiO1 I/F

CN11 TiO1 Option_I/F

1	GND	16	SPI2 CLK
2	GND	17	SPI2 CS3*
3	3.3VE_TIO	18	PD2
4	3.3VE_TIO	19	NC
5	SPI1 CS0*	20	RESET*
6	SPI1 CS1*	21	SPI2 CS2*
7	SPI1 CS2*	22	INTA*
8	SPI1 CS3*	23	I2C CLK
9	SPI1 DIM	24	I2C DATA
10	SPI1 CLK	25	PD0
11	SPI1 DOUT	26	PD1
12	SPI2 DOUT	27	3.3VE_TIO
13	SPI2 CS1*	28	3.3VE_TIO
14	SPI2 CS0*	29	GND
15	SPI2 DIM	30	GND

SD Card I/F

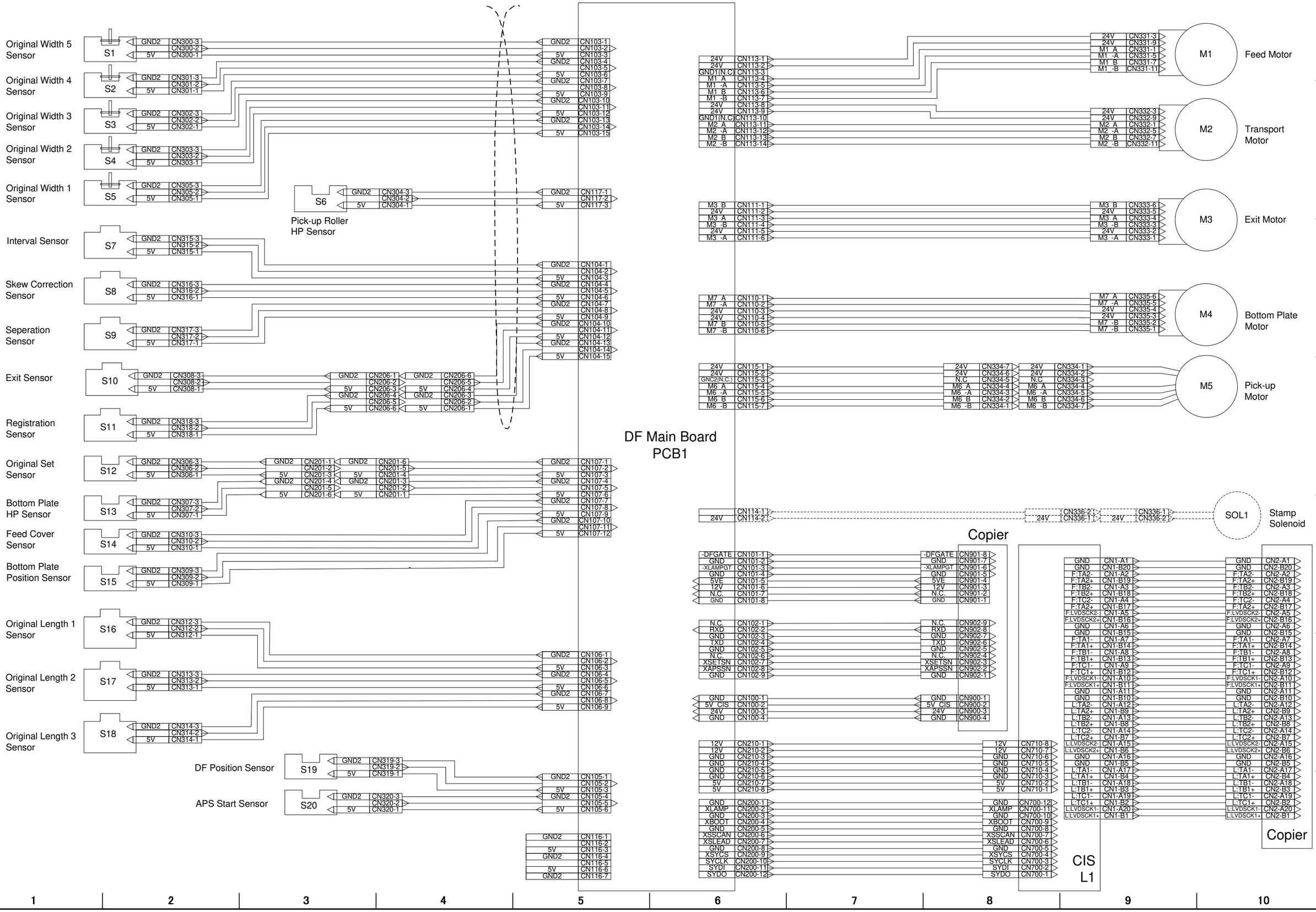
CN12 SD Card I/F		CN13 SD Card I/F	
1	SDA1_DT(3)	1	SDA1_DT(3)
2	SDA1_CMD	2	SDA1_CMD
3	GND	3	GND
4	3.3VE_SD	4	3.3VE_SD
5	SDA_CLK	5	SDA_CLK
6	GND	6	GND
7	SDA1_DT(0)	7	SDA1_DT(0)
8	SDA1_DT(1)	8	SDA1_DT(1)
9	SDA1_DT(2)	9	SDA1_DT(2)
10	XSDA1_OD	10	XSDA1_OD
11	GND	11	GND
12	XSDA1_WP	12	XSDA1_WP

Debug(SubCPU/veena)Serial I/F

CN27 Debug Serial I/F

1	5VE
2	GND
3	GND
4	DBSTXD
5	DBSRXD
6	DBVTXD
7	DBVRXD
8	N.C.

ADF (FOR D062/D063/D065/D066) Point To Point Diagram (4/4)



D062/D063/D065/D066 ELECTRICAL COMPONENT LAYOUT (1/4)

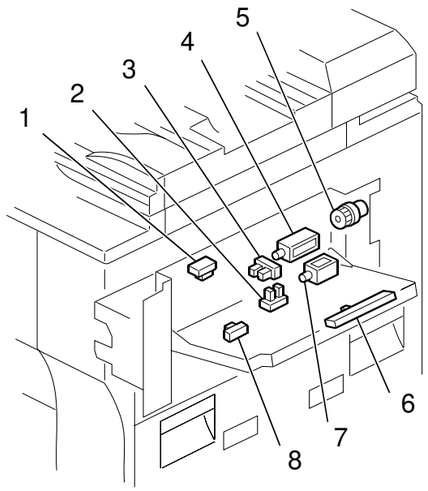


Fig1 D062V003.WMF

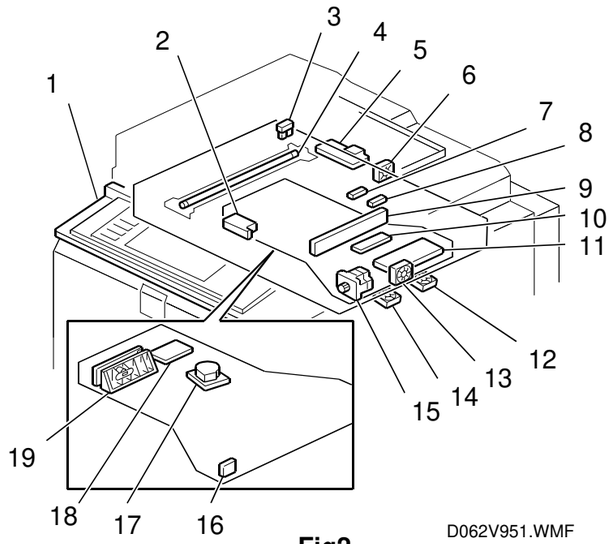
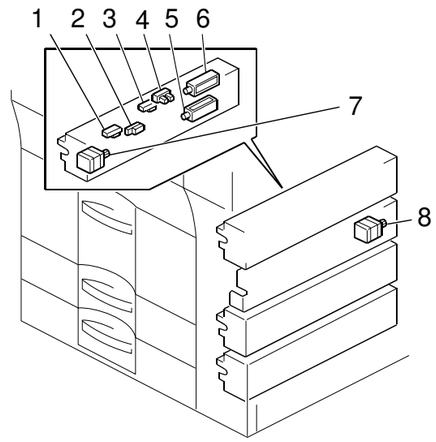
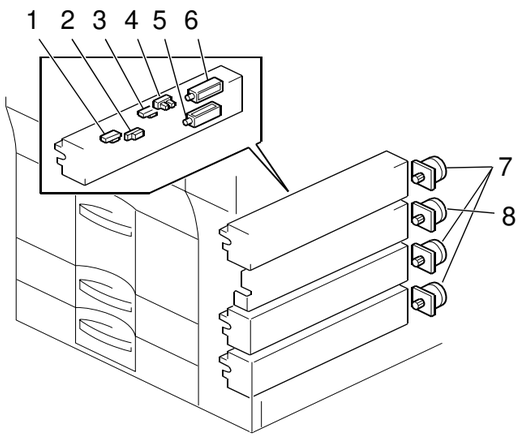


Fig2 D062V951.WMF



D062V954.WMF



D062V954A.WMF

Fig3

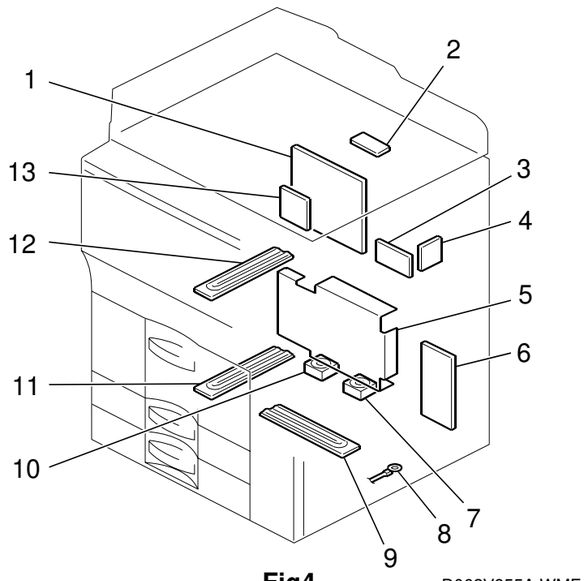


Fig4 D062V955A.WMF

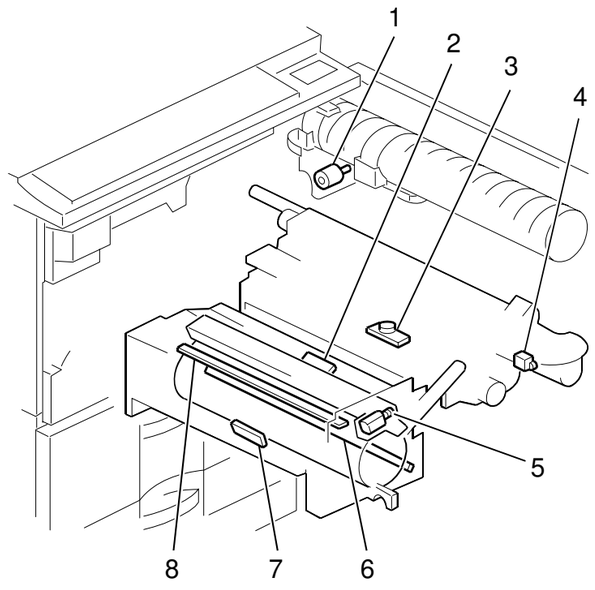


Fig5 D062V008.WMF

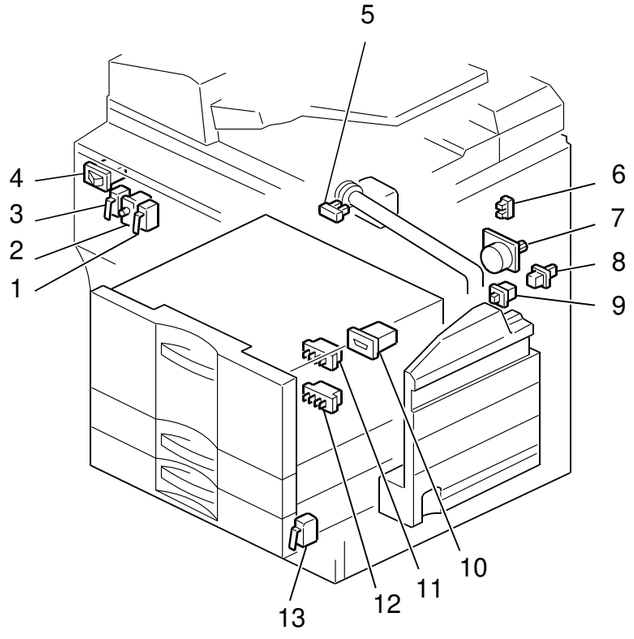
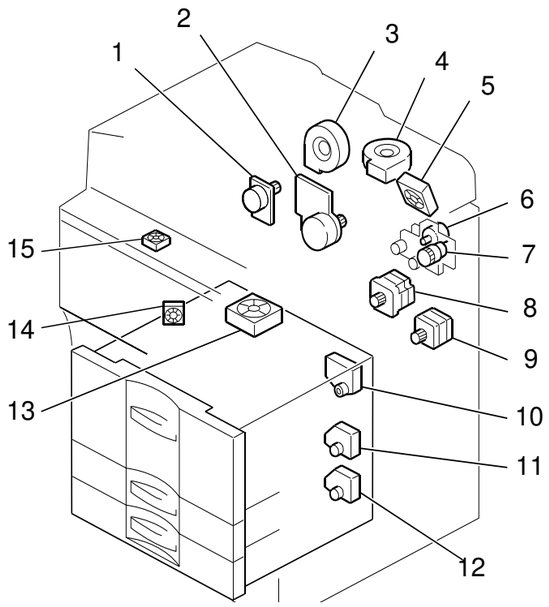


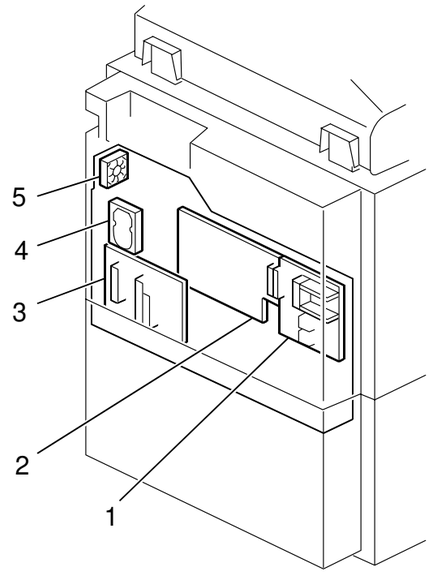
Fig6 D062V956.WMF

D062/D063/D065/D066 ELECTRICAL COMPONENT LAYOUT (2/4)



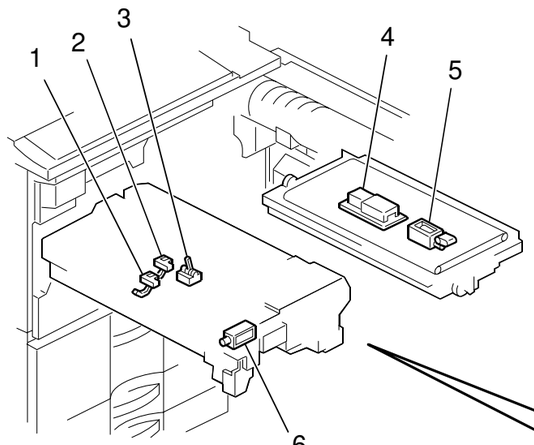
D062V957.WMF

Fig7

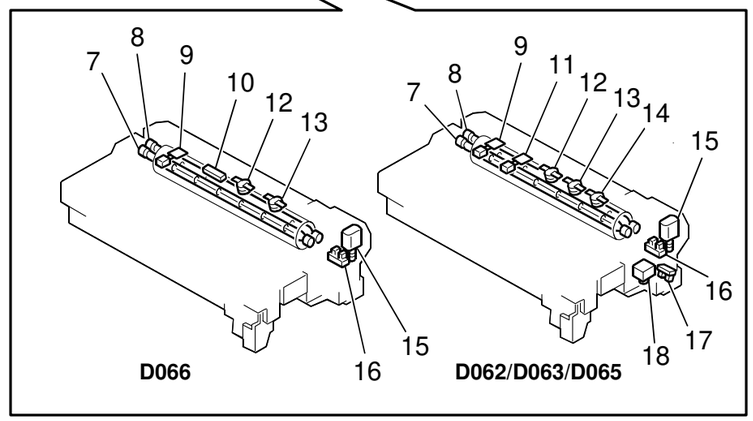


D062V501.WMF

Fig8

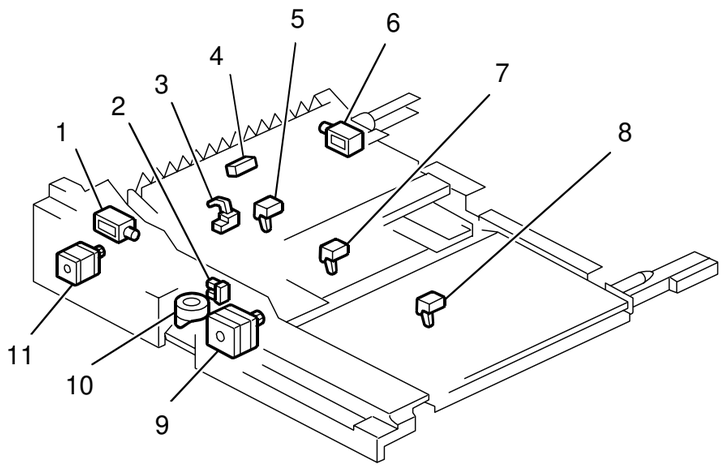


D062V959.WMF



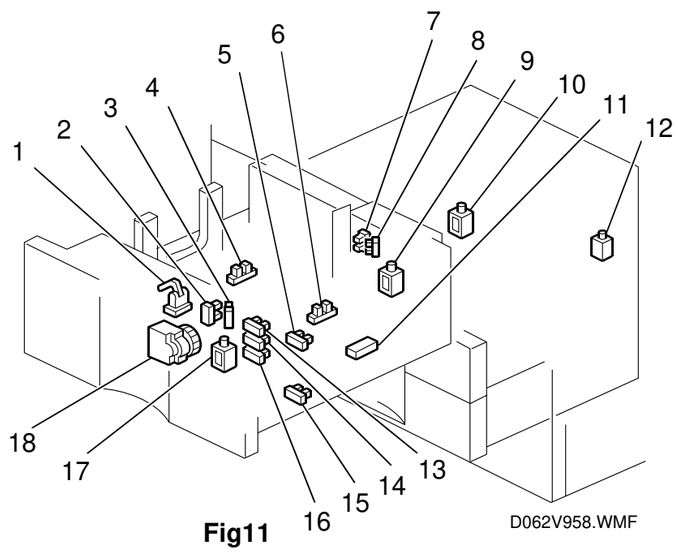
D062V959A.WMF

Fig9



D062V910.WMF

Fig10



D062V958.WMF

Fig11

D062/D063/D065/D066 ELECTRICAL COMPONENT LAYOUT (3/4)

Note; C4a: D062、C4b: D063、C4d: D065、C4e: D066

Symbol	Index No.		Description	P to P	
	a/b/d model	e model		a/b/d model	e model
Motors					
M1	Fig7－2	Fig7－2	Drum	B1 (1/4)	B1 (1/4)
M2	Fig7－1	Fig7－1	Fusing/Exit	B2 (1/4)	B2 (1/4)
M3	Fig7－6	Fig7－6	Development	B2 (1/4)	B2 (1/4)
M4	Fig2－17	Fig2－17	Polygonal Mirror	B5 (1/4)	B5 (1/4)
M5	Fig2－15	Fig2－15	Scanner	B5 (1/4)	B5 (1/4)
M6	Fig2－13	Fig2－13	Scanner Fan Motor - Right	B5 (1/4)	B5 (1/4)
M7	Fig2－6	Fig2－6	Lamp Cooling Fan	C7 (1/4)	C7 (1/4)
M8	Fig5－1	Fig5－1	Toner Supply	F8 (1/4)	F8 (1/4)
M9	Fig7－13	Fig7－13	Duplex Cooling Fan	F8 (1/4)	F8 (1/4)
M10	Fig10－10	Fig10－10	Duplex Jogger	F6 (1/4)	F6 (1/4)
M11	Fig7－14	Fig7－14	PCU Cooling Fan	F5 (1/4)	F5 (1/4)
M12	Fig5－5	Fig5－5	Charge Corona Wire Cleaner	F5 (1/4)	F5 (1/4)
M13	Fig9－15	Fig9－15	Web	F4 (1/4)	F4 (1/4)
M14	Fig9－18	Not used	Fusing Pressure Release Motor	F4 (1/4)	—
M15	Fig7－5	Fig7－5	Drum Cooling Fan	F3 (1/4)	F3 (1/4)
M16	Fig2－14	Fig2－14	Development Unit Cooling Fan 2	F3 (1/4)	F3 (1/4)
M17	Fig2－12	Fig2－12	Development Unit Cooling Fan 1	F3 (1/4)	F3 (1/4)
M18	Fig7－4	Fig7－4	Charge Power Pack Cooling Fan	F3 (1/4)	F3 (1/4)
M19	Fig7－3	Fig7－3	Exhaust Fan	F3 (1/4)	F3 (1/4)
M20	Fig7－15	Fig7－15	Toner Cooling Fan	E2 (1/4)	E2 (1/4)
M21	Fig10－11	Fig10－11	Duplex Inverter	C1 (1/4)	C1 (1/4)
M22	Fig10－9	Fig10－9	Duplex Transport	C1 (1/4)	C1 (1/4)
M23	Fig7－8	Fig7－8	Registration	D1 (1/4)	D1 (1/4)
M24	Fig7－9	Fig7－9	By-pass Feed	D1 (1/4)	D1 (1/4)
M25	Fig4－7	Fig4－7	PSU Cooling Fan 1	B5 (2/4)	B5 (2/4)
M26	Fig4－10	Fig4－10	PSU Cooling Fan 2	B5 (2/4)	B5 (2/4)
M27	Fig11－18	Fig11－18	Rear Fence	F5 (2/4)	F5 (2/4)
M28	Fig6－7	Fig6－7	Toner Collection	F2 (2/4)	F2 (2/4)
M29	Fig7－10	Fig7－10	1st Tray Lift	F2 (2/4)	F2 (2/4)
M30	Fig7－12	Fig7－12	3rd Tray Lift	F2 (2/4)	F2 (2/4)
M31	Fig7－11	Fig7－11	2nd Tray Lift	E2 (2/4)	E2 (2/4)
M32	Fig3－7	Fig3－7	3rd Paper Feed	F2 (2/4)	F2 (2/4)
M33	Fig3－7	Fig3－7	1st Paper Feed	D2 (2/4)	D2 (2/4)
M34	Fig3－7	Fig3－7	2nd Paper Feed	D2 (2/4)	D2 (2/4)
M35	Fig8－5	Fig8－5	Controller Fan	D1 (3/4)	D1 (3/4)
—	Fig3－8	Fig3－8	Lower Relay	—	—
Sensors					
S1	Fig2－2	Fig2－2	Original Width	B6 (1/4)	B6 (1/4)
S2	Fig2－8	Fig2－8	Original Length 2	B6 (1/4)	B6 (1/4)
S3	Fig2－7	Fig2－7	Original Length 1	B6 (1/4)	B6 (1/4)
S4	Fig2－3	Fig2－3	Scanner HP	C6 (1/4)	C6 (1/4)
S5	Fig1－3	Fig1－3	Guide Plate Position	F8 (1/4)	F8 (1/4)
S6	Fig1－6	Fig1－6	By-pass Paper Size	F8 (1/4)	F8 (1/4)
S7	Fig1－8	Fig1－8	Relay	F8 (1/4)	F8 (1/4)
S8	Fig1－2	Fig1－2	By-pass Paper End	F8 (1/4)	F8 (1/4)
S9	Fig1－1	Fig1－1	Registration	F8 (1/4)	F8 (1/4)
S10	Fig5－3	Fig5－3	Toner Density (TD)	F7 (1/4)	F7 (1/4)
S11	Fig5－4	Fig5－4	Toner End	F7 (1/4)	F7 (1/4)
S12	Fig6－5	Fig6－5	Toner Collection Coil	F6 (1/4)	F6 (1/4)
S13	Fig10－8	Fig10－8	Duplex Transport 3	F6 (1/4)	F6 (1/4)
S14	Fig10－7	Fig10－7	Duplex Transport 2	F6 (1/4)	F6 (1/4)
S15	Fig10－2	Fig10－2	Duplex Jogger HP	F6 (1/4)	F6 (1/4)
S16	Fig10－5	Fig10－5	Duplex Transport 1	F6 (1/4)	F6 (1/4)
S17	Fig10－4	Fig10－4	Duplex Inverter	F6 (1/4)	F6 (1/4)
S18	Fig10－5	Fig10－5	Duplex Entrance	F5 (1/4)	F5 (1/4)
S19	Fig5－2	Fig5－2	Drum Potential	F5 (1/4)	F5 (1/4)
S20	Fig5－7	Fig5－7	Image Density (ID)	F5 (1/4)	F5 (1/4)
S21	Fig9－1	Fig9－1	Paper Exit	F5 (1/4)	F5 (1/4)
S22	Fig9－2	Fig9－2	Exit Unit Entrance	F4 (1/4)	F4 (1/4)
S23	Fig9－16	Fig9－16	Web End	F4 (1/4)	F4 (1/4)
S24	Fig19－17	Not used	Fusing Pressure Release Sensor	F4 (1/4)	—
S25	Fig6－6	Fig6－6	Toner Collection Motor	E4 (1/4)	E4 (1/4)
S26	Fig9－3	Fig9－3	Fusing Exit	B8 (2/4)	D8 (2/4)
S27	Fig11－3	Fig11－3	Front Side Fence Open	D5 (2/4)	D5 (2/4)
S28	Fig11－2	Fig11－2	Front Side Fence Close	D5 (2/4)	D5 (2/4)
S29	Fig11－8	Fig11－8	Rear Side Fence Open	D5 (2/4)	D5 (2/4)
S30	Fig11－7	Fig11－7	Rear Side Fence Close	D5 (2/4)	D5 (2/4)
S31	Fig11－15	Fig11－15	Right Tray Down	E5 (2/4)	E5 (2/4)
S32	Fig11－5	Fig11－5	Near End	E5 (2/4)	E5 (2/4)
S33	Fig11－13	Fig11－13	Paper Height 1	E5 (2/4)	E5 (2/4)
S34	Fig11－14	Fig11－14	Paper Height 2	E5 (2/4)	E5 (2/4)
S35	Fig11－16	Fig11－16	Paper Height 3	E5 (2/4)	E5 (2/4)
S36	Fig11－11	Fig11－11	Right Tray Paper	E5 (2/4)	E5 (2/4)
S37	Fig11－4	Fig11－4	Rear Fence HP	F5 (2/4)	F5 (2/4)
S38	Fig11－6	Fig11－6	Rear Fence Return	F5 (2/4)	F5 (2/4)
S39	Fig11－1	Fig11－1	Left Tray Paper End	F5 (2/4)	F5 (2/4)
S40	Fig3－4	Fig3－4	3rd Tray Lift	B2 (2/4)	B2 (2/4)
S41	Fig3－3	Fig3－3	3rd Paper End	B2 (2/4)	B2 (2/4)
S42	Fig3－2	Fig3－2	3rd Vertical Transport	B2 (2/4)	B2 (2/4)
S43	Fig3－1	Fig3－1	3rd Paper Feed	B2 (2/4)	B2 (2/4)
S44	Fig3－4	Fig3－4	2nd Tray Lift	B2 (2/4)	B2 (2/4)
S45	Fig3－3	Fig3－3	2nd Paper End	B2 (2/4)	B2 (2/4)
S46	Fig3－2	Fig3－2	2nd Vertical Transport	B2 (2/4)	B2 (2/4)
S47	Fig3－1	Fig3－1	2nd Paper Feed	B2 (2/4)	B2 (2/4)
S48	Fig4－8	Fig4－8	Temperature Sensor	A2 (2/4)	A2 (2/4)
S49	Fig3－4	Fig3－4	1st Tray Lift	A2 (2/4)	A2 (2/4)
S50	Fig3－3	Fig3－3	1st Paper End	A2 (2/4)	A2 (2/4)
S51	Fig3－2	Fig3－2	1st Vertical Transport	A2 (2/4)	A2 (2/4)
S52	Fig3－1	Fig3－1	1st Paper Feed	A2 (2/4)	A2 (2/4)
Switches					
SW1	Fig6－2	Fig6－2	Front Door Safety	C1 (1/4)	C1 (1/4)
SW2	Fig6－1	Fig6－1	Front Cover Safety 1	C9 (1/4)	C9 (1/4)
SW3	Fig6－3	Fig6－3	Front Cover Safety 2	C9 (1/4)	C9 (1/4)
SW4	Fig6－4	Fig6－4	Main	A5 (2/4)	A5 (2/4)
SW5	Fig6－13	Fig6－13	Lower Front Door Safety	D4 (2/4)	D4 (2/4)
SW6	Fig6－8	Fig6－8	Toner Overflow	F2 (2/4)	F2 (2/4)
SW7	Fig6－9	Fig6－9	Toner Collection Bottle Set	F2 (2/4)	F2 (2/4)
SW8	Fig6－11	Fig6－11	2nd Paper Size	E2 (2/4)	E2 (2/4)
SW9	Fig6－12	Fig6－12	3rd Paper Size	E2 (2/4)	E2 (2/4)
Solenoids					
SOL1	Fig1－7	Fig1－7	Guide Plate	F8 (1/4)	F8 (1/4)
SOL2	Fig1－4	Fig1－4	By-pass Pick-up	F8 (1/4)	F8 (1/4)
SOL3	Fig9－5	Fig9－5	Transfer Belt Lift	F7 (1/4)	F7 (1/4)
SOL4	Fig10－6	Fig10－6	Duplex Junction Gate	F5 (1/4)	F5 (1/4)
SOL5	Fig10－1	Fig10－1	Reverse Trigger Roller	F5 (1/4)	F5 (1/4)
SOL6	Fig9－6	Fig9－6	Exit Junction Gate	F4 (1/4)	F4 (1/4)
SOL7	Fig11－17	Fig11－17	Front Side Fence	E5 (2/4)	E5 (2/4)
SOL8	Fig11－9	Fig11－9	Rear Side Fence	E5 (2/4)	E5 (2/4)
SOL9	Fig11－12	Fig11－12	Right Tray Lock	F4 (2/4)	F4 (2/4)
SOL10	Fig11－10	Fig11－10	Left Tray Lock	F4 (2/4)	F4 (2/4)
SOL11	Fig3－5	Fig3－5	3rd Separation Roller	B2 (2/4)	B2 (2/4)
SOL12	Fig3－6	Fig3－6	3rd Pick-up	B2 (2/4)	B2 (2/4)
SOL13	Fig3－5	Fig3－5	2nd Separation Roller	B2 (2/4)	B2 (2/4)
SOL14	Fig3－6	Fig3－6	2nd Pick-up	B2 (2/4)	B2 (2/4)
SOL15	Fig3－5	Fig3－5	1st Separation Roller	A2 (2/4)	A2 (2/4)
SOL16	Fig3－6	Fig3－6	1st Pick-up	A2 (2/4)	A2 (2/4)
Magnetic Clutches					
MC1	Fig1－5	Fig1－5	By-pass Feed	F8 (1/4)	F8 (1/4)
—	Fig7－7	Fig7－7	Toner Supply	B2 (1/4)	B2 (1/4)
PCBs					
PCB1	Fig2－1	Fig2－1	OPU	A4 (1/4)	A4 (1/4)
PCB2	Fig8－2	Fig8－2	IPU (Image Processing Control Unit)	B7 (1/4)	B7 (1/4)
PCB3	Fig2－18	Fig2－18	Polygon Motor Drive Board	B4 (1/4)	B4 (1/4)
PCB4	Fig4－13	Fig4－13	CNB (Connection Board)	C3 (1/4)	C3 (1/4)
PCB5	Fig2－5	Fig2－5	Lamp Stabilizer	B5 (1/4)	B5 (1/4)
PCB6	Fig2－11	Fig2－11	SIOB	C5 (1/4)	C5 (1/4)
PCB7	Fig2－9	Fig2－9	SBU (Sensor Board Unit)	C7 (1/4)	C7 (1/4)
PCB8	Fig2－10	Fig2－10	SCNB	C7 (1/4)	C7 (1/4)
PCB9	Fig2－19	Fig2－19	LDB (Laser Drive Board)	C8 (1/4)	C8 (1/4)
PCB10	Fig4－1	Fig4－1	BCU (Base Engine Control Unit)	D5 (1/4)	D5 (1/4)
PCB11	Fig4－3	Fig4－3	DRB (Drive Board)	D1 (1/4)	D1 (1/4)
PCB12	Fig4－5	Fig4－5	PSU	B6 (2/4)	B6 (2/4)
PCB13	FIg8－3	FIg8－3	Controller PSU	E6 (2/4)	E6 (2/4)
PCB14	Fig4－6	Fig4－6	PFB (Paper Feed Board)	A2 (2/4)	A2 (2/4)
PCB15	Fig8－1	Fig8－1	Controller	D2 (3/4)	D2 (3/4)
Lamps					
L1	Fig2－4	Fig2－4	Exposure Lamp	B5 (1/4)	B5 (1/4)
L2	Fig5－6	Fig5－6	PTL	F5 (1/4)	F5 (1/4)
L3	Fig5－8	Fig5－8	Quenching Lamp	F5 (1/4)	F5 (1/4)
L4	Fig9－7	Fig9－7	Fusing Lamp 1	B8 (2/4)	D8 (2/4)
L5	Fig9－8	Fig9－8	Fusing Lamp 2	B8 (2/4)	D8 (2/4)
Power Packs					
PP1	Fig9－4	Fig9－4	Transfer	F7 (1/4)	F7 (1/4)
PP2	Fig4－4	Fig4－4	Development	E7 (1/4)	E7 (1/4)
PP3	Fig4－2	Fig4－2	Charge	E4 (1/4)	E4 (1/4)
Others					
CO1	—	—	Key Counter (Option)	E2 (1/4)	E2 (1/4)
TC	Fig6－10	Fig6－10	Mechanical Counter	F7 (1/4)	F7 (1/4)
H1	Fig4－12	Fig4－12	Drum	A6 (2/4)	A6 (2/4)
H2	—	—	Scanner (Option)	A6 (2/4)	A6 (2/4)
H3	Fig4－9	Fig4－9	Lower Tray	A6 (2/4)	A6 (2/4)
H4	Fig4－11	Fig4－11	Upper Tray	A6 (2/4)	A6 (2/4)
LSD1	Fig2－16	Fig2－16	Laser Synchronization Detector	B4 (1/4)	B4 (1/4)
TH1	Not used	Fig9－10	Thermisotr 1 (not contact the hot roller)	—	D8 (2/4)
TH1	Fig9－11	Not used	Thermisotr 1 (contact the hot roller)	B8 (2/4)	—
TH2	Fig9－9	Fig9－9	Thermistor 2	B8 (2/4)	D8 (2/4)
TS1	Fig9－12	Fig9－12	Thermostat 1	B8 (2/4)	D8 (2/4)
TS2	Fig9－13	Fig9－13	Thermostat 2	B8 (2/4)	D8 (2/4)
TS3	Fig9－14	Not used	Thermostat 3	B8 (2/4)	—
HDD1	Fig8－4	Fig8－4	HDD	B2 (3/4)	B2 (3/4)

ADF (FOR D062/D063/D065/D066) ELECTRICAL COMPONENT LAYOUT (4/4)

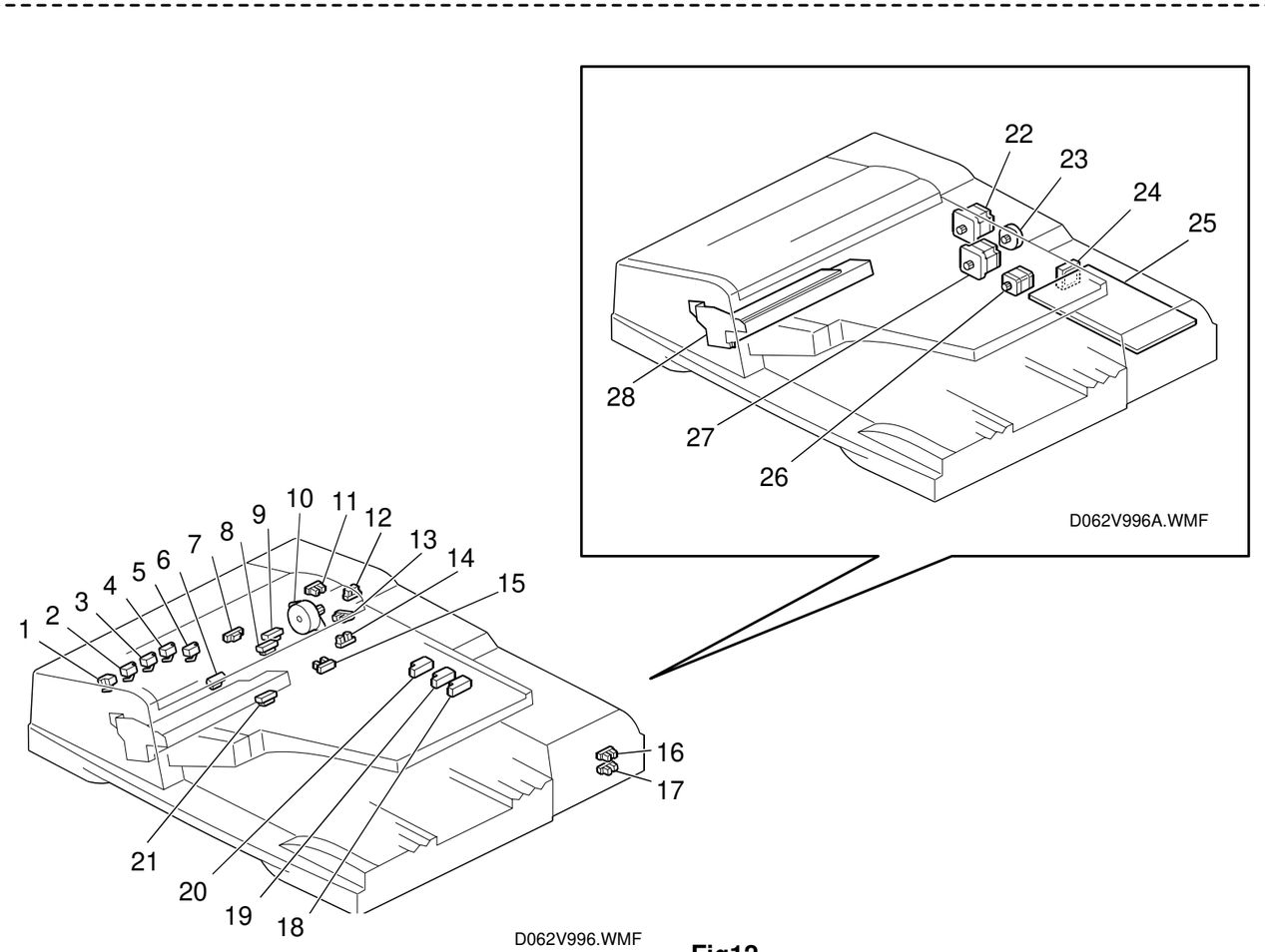


Fig12

Symbol	Index No.	Description	P to P
Motors			
M1	Fig12－22	Feed	A10 (4/4)
M2	Fig12－27	Transport	B10 (4/4)
M3	Fig12－26	Exit	B10 (4/4)
M4	Fig12－23	Bottom Plate	C10 (4/4)
M5	Fig12－10	Pick-up	D10 (4/4)
—	Fig12－24	ADF Fan	—
Sensors			
S1	Fig12－1	Original Width 5	A1 (4/4)
S2	Fig12－2	Original Width 4	B1 (4/4)
S3	Fig12－3	Original Width 3	B1 (4/4)
S4	Fig12－4	Original Width 2	B1 (4/4)
S5	Fig12－5	Original Width 1	B1 (4/4)
S6	Fig12－11	Pick-up Roller HP	B3 (4/4)
S7	Fig12－7	Interval	C1 (4/4)
S8	Fig12－9	Skew Correction	C1 (4/4)
S9	Fig12－8	Seperation Sensor	C1 (4/4)
S10	Fig12－21	Exit	D1 (4/4)
S11	Fig12－6	Registration	D1 (4/4)
S12	Fig12－14	Original Set	D1 (4/4)
S13	Fig12－15	Bottom Plate HP	E1 (4/4)
S14	Fig12－12	Feed Cover	E1 (4/4)
S15	Fig12－13	Bottom Plate Position	E1 (4/4)
S16	Fig12－18	Original Length 1	F1 (4/4)
S17	Fig12－19	Original Length 2	F1 (4/4)
S18	Fig12－20	Original Length 3	F1 (4/4)
S19	Fig12－16	DF Position	G3 (4/4)
S20	Fig12－17	APS Start	G3 (4/4)
Solenoids			
SOL1	—	Stamp Solenoid	E10 (4/4)
PCBs			
PCB1	Fig12－25	DF Main	D6 (4/4)
Lamps			
L1	Fig12－28	CIS	G9 (4/4)