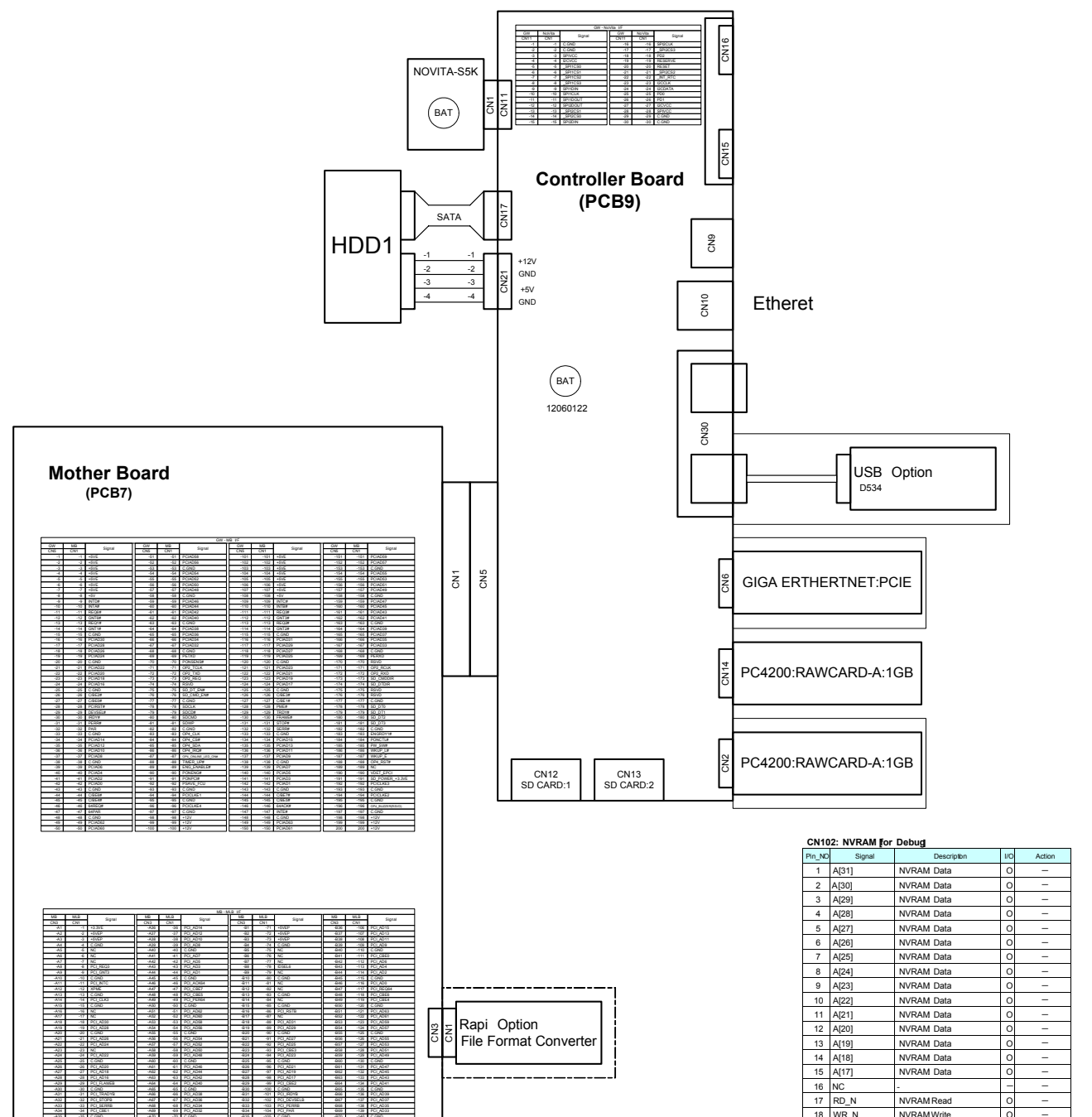


No.	Destination	Part	Rating
FU001	JPN/NA	11071232	1A, 250Vac
FU100	EU/UK/AU/CA	11071336	1.5A, 250Vac
FU201	JPN/NA	11071232	1A, 250Vac
FU301	EU/UK/AU/CA	11071336	1.5A, 250Vac
FU001	ALL	11071295	T6.3AL, 250Vac
FU002			
FU003			

D093 Point to Point Diagram (1/2)



### CN121: IC Card

Pin No.	Signal	Description	I/O	Action
1	GND	-	G	-
2	D[12]	IC_CARDData	B	-
3	SWAPN	IC_CARDSWAP	I	-
4	D[11]	IC_CARDData	B	-
5	D[4]	IC_CARDData	B	-
6	D[10]	IC_CARDData	B	-
7	D[3]	IC_CARDData	B	-
8	D[9]	IC_CARDData	B	-
9	D[2]	IC_CARDData	B	-
10	D[8]	IC_CARDData	B	-
11	D[1]	IC_CARDData	B	-
12	D[0]	IC_CARDData	B	-
13	A[21]	IC_CARDAddress	O	-
14	GND	-	G	-
15	CARD_CS_N	IC_CARD_CS	O	-
16	A[20]	IC_CARDAddress	O	-
17	A[22]	IC_CARDAddress	O	-
18	A[23]	IC_CARDAddress	O	-
19	A[14]	IC_CARDAddress	O	-
20	A[18]	IC_CARDAddress	O	-
21	A[13]	IC_CARDAddress	O	-
22	A[17]	IC_CARDAddress	O	-
23	A[12]	IC_CARDAddress	O	-
24	A[10]	IC_CARDAddress	O	-
25	A[11]	IC_CARDAddress	O	-
26	SV	IC_CARD	P	-
27	A[15]	IC_CARDAddress	O	-
28	A[16]	IC_CARDAddress	O	-
29	A[19]	IC_CARDAddress	O	-
30	A[24]	IC_CARDAddress	O	-
31	A[25]	IC_CARDAddress	O	-
32	A[26]	IC_CARDAddress	O	-
33	A[27]	IC_CARDAddress	O	-
34	A[28]	IC_CARDAddress	O	-
35	A[29]	IC_CARDAddress	O	-
36	A[30]	IC_CARDAddress	O	-
37	3.3V	-	P	-
38	D[15]	IC_CARDData	B	-
39	D[7]	IC_CARDData	B	-
40	D[14]	IC_CARDData	B	-
41	D[6]	IC_CARDData	B	-
42	D[13]	IC_CARDData	B	-
43	D[5]	IC_CARDData	B	-
44	CARDSETN	IC_CARDSET	I	Not set
45	GND	-	G	-

### CN122: Emulator

Pin No.	Signal	Description	I/O	Action
1	SDI_RSRT_N	Emulator	I	-
2	3.3V	-	P	-
3	3.3V	-	P	-
4	TDO	Emulator	O	-
5	TKC	Emulator	I	-
6	GND	-	G	-
7	TMS	Emulator	I	-
8	TDI	Emulator	I	-
9	GND	-	G	-
10	TRIS	Emulator	I	-
11	DBI	Emulator	I	-
12	GND	-	G	-
13	TRSNVC	Emulator	O	-
14	GND	-	G	-
15	TRCLK	Emulator	O	-
16	GND	-	G	-
17	TRDATA0	Emulator	O	-
18	GND	-	G	-
19	TRDATA1	Emulator	O	-
20	GND	-	G	-
21	TRDATA2	Emulator	O	-
22	GND	-	G	-
23	TRDATA3	Emulator	O	-
24	GND	-	G	-
25	TRDATA4	Emulator	O	-
26	GND	-	G	-
27	TRDATA5	Emulator	O	-
28	GND	-	G	-
29	TRDATA6	Emulator	O	-
30	GND	-	G	-
31	TRDATA7	Emulator	O	-
32	GND	-	G	-
33	EVENT0	Emulator	O	-
34	GND	-	G	-
35	EVENT1	Emulator	O	-
36	SDI_3	Emulator	I	-

### CN133: SIPU I/F (1 x 20 Pins)

Pin No.	Signal	Description	I/O	Action
1	XSF_GATE	Scanner F_GATE	O	-
2	GND	-	G	-
3	PU_CLK0	PU Pull down	O	-
4	PU_RD_N	PU Reset	O	-
5	PU_WR_N	PU Write	O	-
6	PU_RESET_N	PU Reset	O	-
7	PU_CS_N0	CETUS	O	-
8	PU_CS_N4	R2001(DEV0-4)	O	-
9	PU_CS_N3	ICB R2001A	O	-
10	PU_CS_N2	LUPUS	O	-
11	PU_CS_N1	SIB (R200)	O	-
12	PU_CS_N0	SIB (PPGA)	O	-
13	GND	-	G	-
14	PU_INT2_N	Reserve	I	-
15	PU_INT1_N	CETUS	I	-
16	PU_INT0_N	LUPUS	I	-
17	GND	-	G	-
18	GND	-	G	-
19	GND	-	G	-
20	NC	-	-	-
21	+24V	OP_U Power (Backlight)	P	-
22	GND	-	G	-
23	GND	-	G	-
24	GND	-	G	-
25	GND	-	G	-
26	GND	-	G	-
27	PU_DATA15	IPU Data Bus	B	-
28	PU_DATA16	IPU Data Bus	B	-
29	PU_DATA13	IPU Data Bus	B	-
30	PU_DATA12	IPU Data Bus	B	-
31	PU_DATA11	IPU Data Bus	B	-
32	PU_DATA10	IPU Data Bus	B	-
33	PU_DATA9	IPU Data Bus	B	-
34	PU_DATA8	IPU Data Bus	B	-
35	PU_DATA7	IPU Data Bus	B	-
36	PU_DATA6	IPU Data Bus	B	-
37	PU_DATA5	IPU Data Bus	B	-
38	PU_DATA4	IPU Data Bus	B	-
39	PU_DATA3	IPU Data Bus	B	-
40	PU_DATA2	IPU Data Bus	B	-
41	PU_DATA1	IPU Data Bus	B	-
42	GND	-	G	-
43	CARDSETN	IC_CARDSET	I	Card set
45	GND	-	G	-

# D093 ELECTRICAL COMPONENT LAYOUT

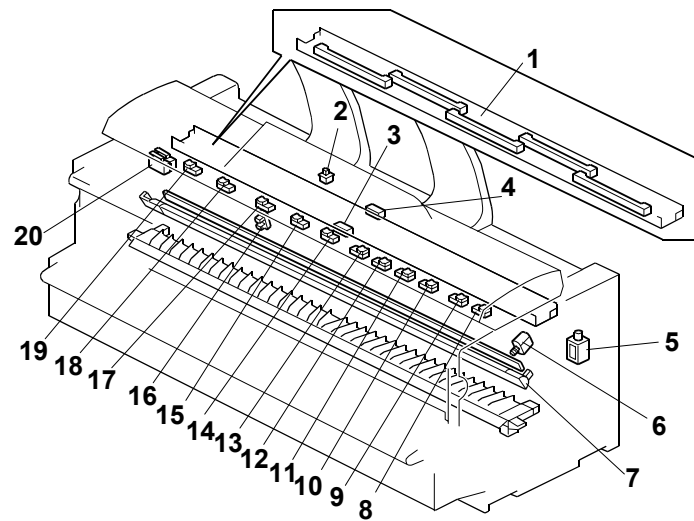


Fig.-1 d093v202

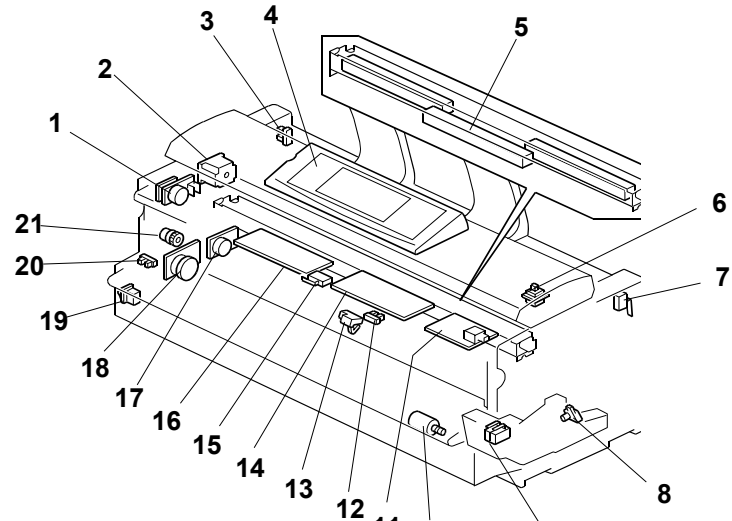


Fig.-2 b268v201a

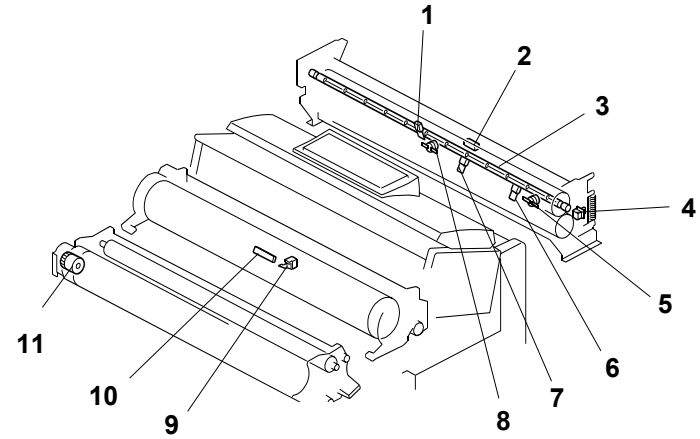


Fig.-3 b268v203

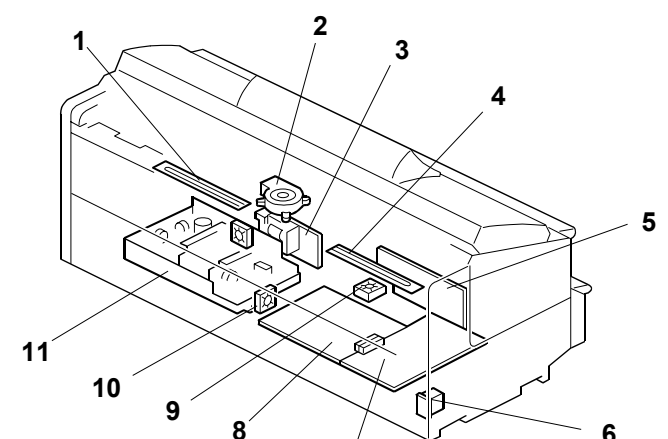


Fig.-4 d093v204

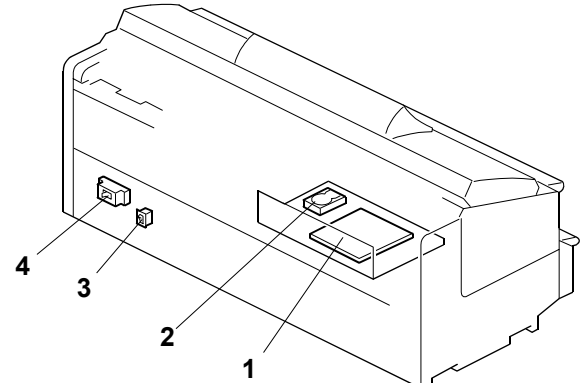


Fig.-5 d093v205a

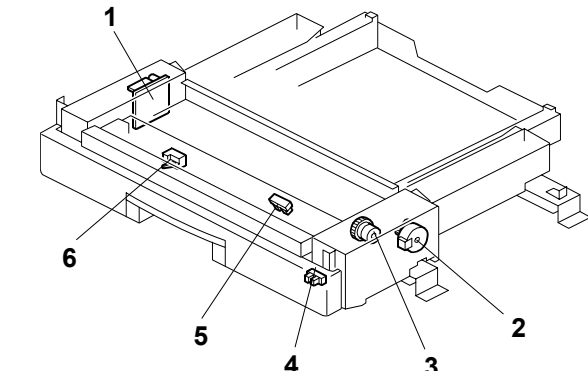


Fig.-7

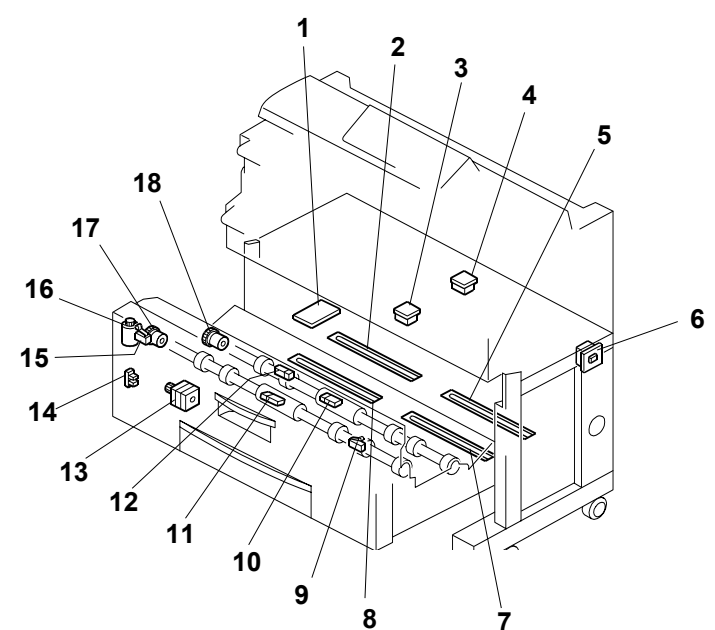


Fig.-6

Symbol	Index No.	Description	P to P
<b>CIS</b>			
CIS1 - 5	Fig.1-1	CIS 1 - 5 (Contact Image Sensor)	E8-10
<b>LPH</b>			
LPH1 - 3	Fig.2-5	LPH1 - 3 (LED Print Head )	G1-3
<b>Lamp</b>			
L1	Fig.3-3	Fusing Lamp	A2
<b>Magnetic Clutches</b>			
MC1	Fig.7-3	Cassette Feed Clutch	C10
MC2	Fig.2-21	Paper Registration Clutch	E2
MC3	Fig.6-17	Roll Feed Clutch 1	A10
MC4	Fig.6-18	Roll Feed Clutch 2	B10
MC5	Fig.3-11	Toner Supply Clutch	E3
<b>Motors</b>			
M1	Fig.7-2	Cassette Feed Motor	C10
M2	Fig.4-2	Cooling Fan Motor	B7
M3	Fig.6-16	Cutter Motor	B10
M4	Fig.2-1	Drum Motor	B6
M5	Fig.2-17	Fusing Motor	B5
M6	Fig.2-18	Main Motor	C7
M7	Fig.4-10	PCB Cooling Fan Motor 1	D2
M8	Fig.4-9	PCB Cooling Fan Motor 2	D2
M9	Fig.6-13	Roll Feed Motor	B10
M10	Fig.2-2	Scanner Motor	D8
M11	Fig.2-10	Used Toner Bottle Motor	B5
M12	Fig.1-5	Wire Cleaner Motor	B7
<b>PCB</b>			
PCB1	Fig.4-7	SIPU	F5
PCB2	Fig.4-8	MCU	D4
PCB3	Fig.4-11	PSU (Power Supply Unit)	A1
PCB4	Fig.6-1	RFDB (Roll Feed Drive Board)	B8
PCB5	Fig.7-1	SFDB (Sheet Feed Drive Board)	C9
PCB6	Fig.2-14	SIF (Scanner Interface Board)	E7-8
PCB7	Fig.4-5	Mother Board	D4
PCB8	Fig.2-16	VDB (Video Drive Board)	E3
PCB9	Fig.5-1	Controller Board	B3-4 (2/2)
PCB10	Fig.2-4	Operation Panel	G4
<b>Power Packs</b>			
PP1	Fig.2-11	CGB Power Pack	A7
PP2	Fig.4-3	T&S Power Pack	B7
<b>QL</b>			
QL1 - 3	Fig.1-7	Quenching Lamp (1:Left, 2:Center, 3:Right)	B4

Symbol	Index No.	Description	P to P
<b>Sensors</b>			
S1	Fig.7-5	Cassette End Sensor	C10
S2	Fig.7-4	Cassette Set Sensor	C10
S3	Fig.2-3	Exit Cover Sensor	D3
S4	Fig.3-2	Fusing Exit Sensor	B5
S5	Fig.3-10	ID Sensor	B5
S6	Fig.1-4	Original Exit Sensor	D9
S7	Fig.1-3	Original Registration Sensor	D9
S8	Fig.1-14	Original Set Sensor (A4/8.5" SEF)	D9
S9	Fig.1-9	Original Width Sensor (A0/34")	D10
S10	Fig.1-11	Original Width Sensor (A1/22")	D10
S11	Fig.1-12	Original Width Sensor (A2/17")	D10
S12	Fig.1-13	Original Width Sensor (A3/11")	D10
S13	Fig.1-8	Original Width Sensor (914mm/36")	D10
S14	Fig.1-10	Original Width Sensor (30")	D10
S15	Fig.1-18	Original Width Sensor (B1/24")	D9
S16	Fig.1-19	Original Width Sensor (B2/18")	D9
S17	Fig.1-17	Original Width Sensor (B3/12")	D9
S18	Fig.1-15	Original Width Sensor (B4/9")	D9
S19	Fig.2-12	Paper Registration Sensor	E3
S20	Fig.2-13	Paper Set Sensor	E3
S21	Fig.7-6	Relay Sensor	C10
S22	Fig.6-12	RF Exit Sensor	A10
S23	Fig.6-14	RF Set Sensor	B10
S24	Fig.6-3	Roll End Sensor 1	A10
S25	Fig.6-4	Roll End Sensor 2	A10
S26	Fig.6-11	Roll End Sensor 3	A10
S27	Fig.6-10	Roll End Sensor 4	B10
S28	Fig.2-8	Toner Overflow Sensor	B4
S29	Fig.2-20	Upper Unit Sensor	D2
S30	Fig.1-16	Wire Cleaner Sensor	B7
<b>Solenoids</b>			
SOL1	Fig.1-5	Paper Junction Gate Solenoid	A7
SOL2	Fig.3-9	Pick-Off Pawl Solenoid	B5
<b>Switches</b>			
SW1	Fig.6-6	Dehumidifier Switch	A3
SW2	Fig.2-7	Exit Cover Switch	B4
SW3	Fig.2-19	Main Power Switch	B1
SW4	Fig.2-6	Scanner Stop Switch	A7
SW5	Fig.1-20	Scanner Switches	D8
SW6	Fig.2-15	Toner Hopper Cover Switch	C3
SW7	Fig.2-9	Upper Unit Switch 1	B3
SW8	Fig.2-9	Upper Unit Switch 2	C4
SW9	Fig.6-15	Left Cutter HP Switch	A10
SW10	Fig.6-9	Right Cutter HP Switch	B10
SW11	Fig.3-4	Exit Unit Switch	A6
SW12	Fig.1-2	Paper Exit Selection Switch	B7
SW13	Fig.5-3	Anti-condensation Heater Switch	A3

Symbol	Description	P to P
<b>Others</b>		
CO1	Fig.4-6	Recycle Counter
H1	Fig.6-7	Dehumidifier 1 (Front/Right)
H2	Fig.6-8	Dehumidifier 2 (Front/Left)
H3	Fig.6-2	Dehumidifier 3 (Rear/Right)
H4	Fig.6-5	Dehumidifier 4 (Rear/Left)
H5	Fig.4-4	Anti-Condensation Heater (Left)
H6	Fig.4-1	Anti-Condensation Heater (Right)
HDD1	Fig.5-2	HDD
TH1	Fig.3-1	Hot Roller Thermistor
TH2	Fig.3-6	Pressure Roller Thermistor 1 (End)
TH3	Fig.3-7	Pressure Roller Thermistor 2 (Center)
TS1	Fig.3-8	Thermostat 1 (199°C)
TS2	Fig.3-5	Thermostat 2 (200°C)
CB1	Fig.5-4	Circuit Breaker