

IC INFORMATION

		PD5655A		
Function	MD SYSTEMCONTROLLER			1/2 E
Type	CMOS	Model	MEH-P5350/ES	

● Pin Functions(PD5655A)

Pin No.	Pin Name	I/O	Format	Function and Operation
1-5	NC			Open
6	BYTE	I		VSS
7	CNVSS	I		VSS
8,9	NC	O	C	Open
10	RESET	I		Resetting input
11	XOUT	O		Main clock oscillation pin
12	VSS1			GND
13	XIN	I		Main clock oscillation pin
14	VCC1			5V
15	NC			Not used
16	SQSY	I		DISC sub-code Q sink?/ADIP sink?
17	BRST	I		P-BUS resetting input
18	XINT	I		Decoder interrupting input
19	NC	O	C	Open
20	SENS	I		MD LSI SENSE output monitor
21-27	NC			Open
28	XRST	O	C	MD LSI resetting output
29	SWDT	O	C	MD LSI IF data output
30	SRDT	I		MD LSI IF data input
31	SCLK	I		MD LSI IF clock output
32	XLAT	O	C	MD LSI IF latch signal output
33	BSO	O	C	P-BUS data output
34	BSI	I		P-BUS data input
35	BCK	I/O	C	P-BUS clock input/output
36	NC			Open
37	BSRQ	O	C	P-BUS serial pole request output
38	BRXEN	I/O	C	Receivable I/O
39-42	NC			Open
43	LDCNT	O	C	Laser diode ON/OFF
44	VDON	O	C	Power ON/OFF
45-59	NC			Open
60	VCC2			5V
61	CK	I		Clock signals
62	VSS2			GND
63-74	NC			Open
75	MUTE	O	C	Comprehensive mute output
76	CONT	O	C	Servo-driver power control
77	MDEJECT	O	C	Loading motor control output
78	MDLOAD	O	C	Loading motor control output
79	LSW	I		Disc loading start signal input
80	CSW	I		Loading end signal input
81	ESW	I		EJECT end signal input
82	DISC	I		Reflectance discriminating signal input
83	HOME	I	C	Home position detection input
84,85	NC			Open
86	VDDSW	O	C	SW VDD ON/OFF
87-90	NC			Open
91	2.5VSENSE			Open
92	NC			Open
93	TEMP			HIGH/LOW temperature detection input
94	AVSS			A/D GND
95	VDSENSE			VD power UP/DOWN sensing
96	VREF			Reference voltage input for A/D converter
97	AVCC			Analog power supply
98-100	NC			Open

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