

Fics-PDS/3

Jumpers

- JP1: Open (fixed)
 JP2: 7180 communication mode
 Open: IO-Ring master
 Close: SRing slave (default)
 JP3: SRAM battery backup
 Open: Battery not installed
 Close: Battery installed (default)
 JP4: Open (fixed)

CN1: RS232C for Fics-RTI

HIF3BD-10D-2.54R (Hirose)

Pin	Signal	IN/OUT	Pin	Signal	IN/OUT
1	NC		2	RXD	IN
3	TXD	OUT	4	DTR	OUT
5	GND	-	6	DSR	IN
7	NC		8	NC	
9	5V	OUT	10	NC	

CN2:RS232C for HOST

HIF3BD-10D-2.54R (Hirose)

Pin	Signal	IN/OUT	Pin	Signal	IN/OUT
1	NC	-	2	232RXD	IN
3	232TXD	OUT	4	232DTR	OUT
5	GND	-	6	232DSR	IN
7	NC	-	8	NC	-
9	5V	OUT	10	NC	-

CN3: DI/DO

HIF3BD-40D-2.54R (Hirose)

Pin	Signal	IN/OUT	Pin	Signal	IN/OUT
1	24V	IN	2	24V	IN
3	DI1-0	IN	4	DI1-1	IN
5	DI1-2	IN	6	DI1-3	IN
7	DI1-4	IN	8	DI1-5	IN
9	DI1-6	IN	10	DI1-7	IN
11	DI2-0	IN	12	DI2-1	IN
13	DI2-2	IN	14	DI2-3	IN
15	DI2-4	IN	16	DI2-5	IN
17	DI2-6	IN	18	DI2-7	IN
19	DI3-0	IN	20	DI3-1	IN
21	DI3-2	IN	22	DI3-3	IN
23	DI3-4	IN	24	DI3-5	IN
25	DI3-6	IN	26	DI3-7	IN
27	24V GND	-	28	24V GND	-
29	DO1-0	OUT	30	DO1-1	OUT
31	DO1-2	OUT	32	DO1-3	OUT
33	DO1-4	OUT	34	DO1-5	OUT
35	DO1-6	OUT	36	DO1-7	OUT
37	DO2-0	OUT	38	DO2-1	OUT
39	NC	-	40	NC	-

Applicable Motors:

2-phase or 4-phase hybrid stepper motors such as **Sanyo Electric** 103H7126-0440 or **Oriental Motor** PK-268-02A (consult our sales office for details)

LED

- LD1(GREEN): Power ON
 LD2(RED): 7180 communication error
 LD3(GREEN): 7180 receiving error

Motor Output Connector

- EHR-6(JST)
 SEH-001T-P0.6(JST)

Pin	Signal	IN/OUT
1	ACOM	OUT
2	BCOM	OUT
3	A	OUT
4	A-	OUT
5	B	OUT
6	B-	OUT

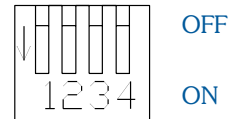
Power Connector

- VHR-2N(JST)
 SVH-21T-P1.1(JST)

Pin	Signal	IN/OUT
1	24V	IN
2	GND	-

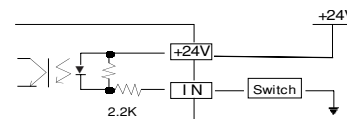
Switch for Motor Operation Current

- ON :1.2A/Phase
 OFF :2A/Phase

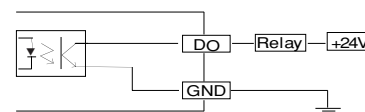


1:X,2:Y,3:Z,4:unused

Input Circuit



Output Circuit (Max drive current=80mA)



External +24V should be supplied.

Attachments

CN1, CN2, CN3, motor output connectors, and power connector are attached.