

USB I/O unit

CP-533-01 CT-1

USB Controlled Universal I/O Unit with LED and Relay

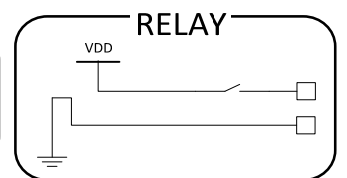
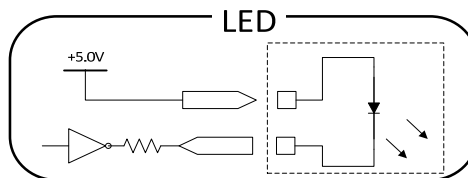
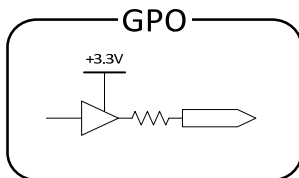
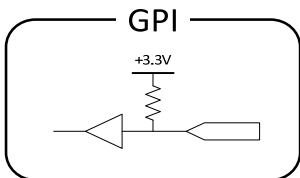


- 4 GPIs CMOS Input 3.3V
- 4 GPOs CMOS Output 3.3V
- 4 LEDs 5V 10mA
- 4 Relays VDD Level Voltage



【Pin Assignment and Circuit Information】

Pin Assignment				Item	Description	Level	Remarks		
GND	27	28	GND	LED K1	13 14 +5V	GPI 0 to 3	4 General Purpose Input Ports	+3.3V CMOS	ESD Protected
GPI-0	25	26	GPI-1	LED K2	11 12 +5V	GPO 0 to 3	4 General Purpose Output Ports	+3.3V CMOS	ESD Protected
GPI-2	23	24	GPI-3	LED K3	9 10 +5V	GND	GND for GPI and GPO		
GPO-0	21	22	GPO-1	RELAY 0	7 8 RGND	LED K0 to K3	4 Cathodes for LED (270 ohm Internal)		
GPO-2	19	20	GPO-3	RELAY 1	5 6 RGND	+5V	4 Anodes for LED	+5V	For LED
GND	17	18	GND	RELAY 2	3 4 RGND	Relay 0 to 3	4 Relay Outputs (Relay Contact)	VDD	AC-DC Adaptor
LED K0	15	16	+5V	RELAY 3	1 2 RGND	RGND	GND for Relay		



Item	Description	Remarks
Power Source	USB Bus Power	500mA
Relay Power Source	AC-DC Adaptor	Max *. *V (*=TBD)
Control Method	USB	USB Serial I/F
Dimensions	71mm(W) x 57mm(D) x 18mm(H)	Case Size