



Features:

- ▶ 16 optically isolated digital input channels
- ▶ 8 SPDT relay output channels
- ▶ Jumper selectable voltage or dry contact input mode
- ▶ Individual software programmable interrupt mask for each digital input port
- ▶ Support positive, negative edge, or change-state interrupt functions. in provided
- ▶ Switch selectable interrupt level (IRQ2...1RQ7)
- ▶ Switch selectable I/O base port
- ▶ Presetable de-bounce time in input interrupt mode
- ▶ Isolated from system ground loop for each digital input channel
- ▶ Each relay provides normal-open, normal-closed, common terminals
- ▶ Provides LEDs to indicate relay output status
- ▶ Software routines provided easily link to high level programs

Specifications:

Digital input

- ▶ Input channel :16 optically isolated channels (2 ports)
- ▶ Input mode :Voltage or dry contact input
- ▶ Voltage input :V(low) :<1.5VdcV(high): 3Vdc to 24Vdc
- ▶ Dry contact input :External or internal +12VDC
- ▶ Interrupt ports :2 ports
- ▶ Interrupt level :Switch selectable IRQ2 to IRQ7
- ▶ Input/output mode :Software programmable

Relay output

- ▶ Output channel :8 channels
- ▶ Relay type :SPDT electro-mechanical DIP relay
- ▶ Terminal form :Normal-open, normal-closed, common
- ▶ Max. contact rating :Voltage: 220V
- ▶ DC/AC Current :2A DC/AC

Software:

- ▶ Furnished utilities diskette contains routines, examples, and calibration program
- ▶ Allows foreground or background operation.
- ▶ Provides comprehensive C, Basic, Assembly libraries

Mechanical:

- ▶ Dimensions :180.0 mm X 107.2 mm

勝特力材料 886-3-5753170
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- ▶ Net weight :140 g
- ▶ Board Type :2-Layer P.C.B
- ▶ Power Supply :+5V, +12V
- ▶ Consumption :5V:200 mA max. /+12V:400mA max.

Environmental:

- ▶ Operating temp. :32 to 140F(0 to 60° C)
- ▶ Storage temp. :-4 to 248F(-20 to 120° C)
- ▶ Humidity :10%~90%

Ordering information:

- ▶ PI-426 :16 optically isolated digital inputs and 8 relay outputs with interrupt
- ▶ PI-837 :Screw terminal board

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