



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Features:

- ▶ 32-bit PCI-Bus, Plug and Play, complies with PCI local bus Rev 2.1
- ▶ 8-CH 12-bit voltage output
- ▶ Fully isolation protection from PC power to external device
- ▶ 2500Vrms isolation voltage
- ▶ Unipolar or bipolar voltage output range
- ▶ Current output available on PCI-3008A,
- ▶ On board DC-to-DC converter provide voltage and current source
- ▶ 8 Isolated digital input channels
- ▶ 8 Isolated digital output channels

Specifications:

Voltage Output

- ▶ Numbers of channel: 8 channel for PCI-6308V and PCI-6308A
- ▶ Converter: DAC2815AP or equivalent
- ▶ Conversion type: Monolithic multiplying
- ▶ Resolution: 12-bit no missing code (11-bit guarantee)
- ▶ Voltage output range: (jumper selectable) Bipolar: $\pm 10V$, Unipolar: 0~10V
- ▶ Voltage output range: (jumper selectable) Bipolar: $\pm 10V$, Unipolar: 0~10V
- ▶ User defined unipolar: 0~ user defined voltage.
- ▶ Voltage output driving capability: $\pm 5mA$ min.
- ▶ Settling time: 16 m second (-10V to +10V)
- ▶ DA update time: 90 m second for four channels simultaneously
- ▶ Gain error: $\pm 0.2\%$ (max, without trimming, with internal 10.0V reference voltage)
- ▶ Differential Linearity Error: $\pm 0.002\%$ Full Scale Range
- ▶ Data Transfer: Programmed I/O
- ▶ Isolation voltage: 2500Vrms (photo isolation PC9D10)
- ▶ Output initial status: 0V (after RESET or POWER-ON)

Digital Input

- ▶ Numbers of digital input : 8 isolated input channel channel

- ▶ Photo isolator : Photo isolator: PC814 or equivalent
- ▶ Isolation voltage : 5000Vrms
- ▶ Input voltage : up to 34Vdc
- ▶ Logic "L" : 0~3.0V
- ▶ Logic "H" : 3.2~34V
- ▶ Input resistance : 4.7KW @ 0.5W

Digital Output

- ▶ Numbers of digital output channel : 8 isolated output channel
- ▶ Photo isolator : PC817 or equivalent
- ▶ Isolation voltage : 5000Vrms
- ▶ Output type : Photo-coupler transistors, open collector up to 35Vdc
- ▶ Sink current : 50mA maximum

General Specifications:

- ▶ Operating temperature : 0° C~55° C
- ▶ Storage temperature : -20° C~80° C
- ▶ Humidity : 5 ~95% non-condensing
- ▶ Connector : 37-pin D-sub connector (female)
- ▶ Bus interface : 32-bit slave PCI bus
- ▶ Power consumption : +5VDC @ 220mA typical/+12VDC @ 175mA typical
- ▶ PCB Dimension : Half-sized 172 mm x 105 mm

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