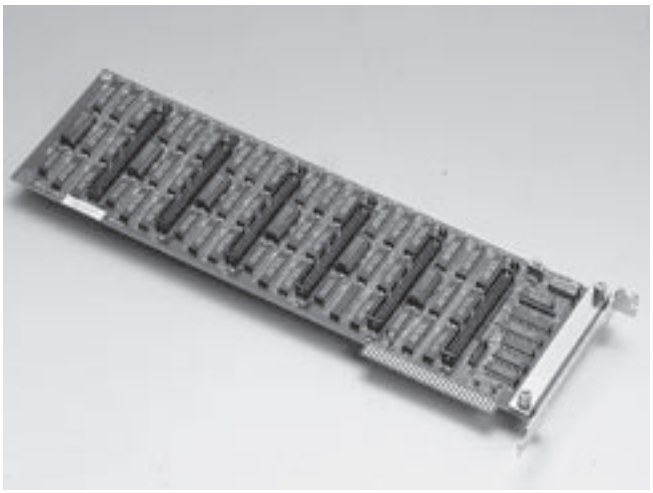
PCL-722

144-ch TTL Digital I/O ISA Card



Features

- Emulates 8255 PPI mode 0
- Buffered circuits for higher driving capacity than the 8255
- Interrupt handling
- Output status readback
- Pin compatible with Opto-22 I/O module racks

Specifications

Digital Input

- **Channels** 144 (24 channels x 6 ports) shared with output
- **Compatibility** 5 V/TTL
- **Input Voltage** Logic 0: 0.8 V max.
  Logic 1: 2.0 V min.
- **Interrupt Capable Ch.** Bits 0 and 3 of Port C can generate an interrupt to IRQ 2, 3, 4, 5, 6 or 7

Digital Output

- **Channels** 144 (24 channels x 6 ports) shared with input
- **Compatibility** 5 V/TTL
- **Output Voltage**
  Port A, B: Logic 0: 0.5 V max.
  Logic 1: 2.4 V min.
  Port C: Logic 0: 0.4 V max.
  Logic 1: 2.0 V min.
- **Output Capability**
  Port A, B: Sink: 12 mA
  Source: 8 mA
  Port C: Sink: 24 mA
  Source: 15 mA

General

- **Power Consumption** Typical: +5 V @ 1.3 A
  Max: +5 V @ 1.8 A
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Storage Temperature** -20 ~ 70° C (-4 ~ 158° F)
- **Operating Humidity** 5 ~ 95% RH, non-condensing (refer to IEC 68-2-3)
- **I/O Connectors** 6 x 50-pin male ribbon-cable connectors. Pin assignments are fully compatible with Opto-22 I/O module racks
- **Dimensions (L x H)** 334 x 100 mm (13.2" x 3.9")

Ordering Information

- **PCL-722** 144-ch TTL digital I/O ISA card
- **PCL-10150-1.2** 50-pin flat cable, 1.2 m
- **PCLD-782B** 24/16-ch. opto-isolated digital input board
- **PCLD-785B** 24/16-ch. relay output board
- **PCLD-7216** 16-ch. carrier board for SSR I/O modules
- **PCLD-885** 16-ch. power relay (Form A) output board
- **ADAM-3950** 50-pin flat cable wiring eterminal for din-rail mounting