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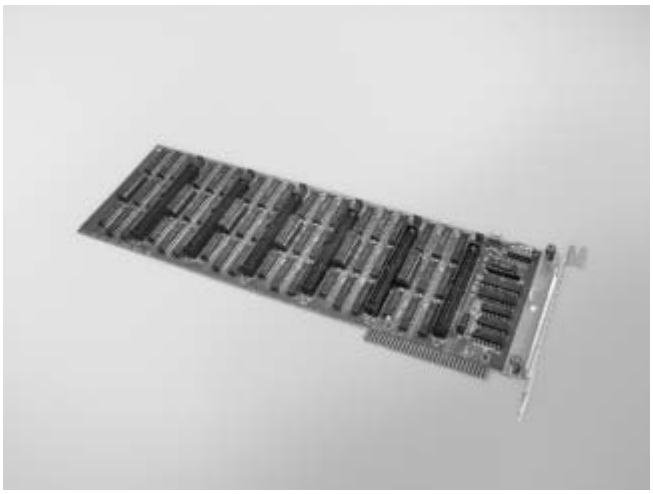
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Find the *Advantech PCL-722* at our website: ***Click HERE***

PCL-722

144-ch Digital I/O ISA Card



Features

- Emulates 8255 PPI mode 0
- Buffered circuits for higher driving capacity than the 8255
- Interrupt handling capability
- 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

- **Bus Type** ISA
- **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 box header
- **Dimensions (L x H)** 334 x 100 mm (13.2" x 3.9")

Ordering Information

- **PCL-722** 144-ch Digital I/O ISA Card
- **PCL-10150-1.2** 50-pin Flat Cable, 1.2 m
- **PCLD-782B** 24-ch IDI Board w/ 20-pin & 50-pin Flat Cables
- **PCLD-785B** 24-ch Relay Board w/ 20-pin & 50-pin Flat Cables
- **PCLD-7216** 16-ch SSR I/O Module Carrier Board
- **PCLD-885** 16-ch Power Relay Board w/ 20p & 50p Flat Cables
- **ADAM-3950** 50-pin DIN-rail Flat Cable Wiring Board

Pin Assignments

PC 7	1	2	GND
PC 6	3	4	GND
PC 5	5	6	GND
PC 4	7	8	GND
PC 3	9	10	GND
PC 2	11	12	GND
PC 1	13	14	GND
PC 0	15	16	GND
PB 7	17	18	GND
PB 6	19	20	GND
PB 5	21	22	GND
PB 4	23	24	GND
PB 3	25	26	GND
PB 2	27	28	GND
PB 1	29	30	GND
PB 0	31	32	GND
PA 7	33	34	GND
PA 6	35	36	GND
PA 5	37	38	GND
PA 4	39	40	GND
PA 3	41	42	GND
PA 2	43	44	GND
PA 1	45	46	GND
PA 0	47	48	GND
+5V	49	50	GND

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