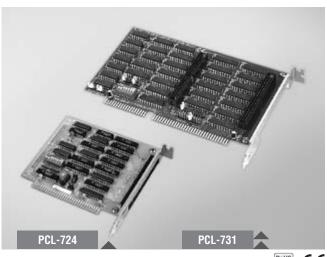
PCL-724 PCL-731

24-ch Digital I/O ISA Card

48-ch Digital I/O ISA Card



Features

- 24 TTL digital I/O channels for PCL-724 and 48 TTL digital I/O channels for PCL-731
- Emulates mode 0 of 8255 PPI
- Interrupt handling capability
- Opto-22 compatible 50-pin connectors
- Output status readback

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Specifications

Digital Input

Channels PCL-724: 24 (shared with output) PCL-731: 48 (shared with output)

Compatibility 5 V/TTL

Input Voltage Logic 0: 0.8 V max.

Logic 1: 2.0 V min.

• Interrupt Capable Ch. PCL-724: 1

PCL-731: 2

Digital Output

Channels PCL-724: 24 (shared with input) PCL-731: 48 (shared with input)

Compatibility 5 V/TTL

 Output Voltage Logic 0: 0.4 V max.

Logic 1: 2.4 V min.

 Output Capability Sink: 0.4 V max. @ 24 mA

Source: 2.4 V min. @ 15 mA

General

Bus Type

I/O Connectors PCL-724: 1 x DB50 female connector PCL-731: 2 x 50-pin box header

 Dimensions (L x H) PCL-724: 125 x 100 mm (4.9" x 3.9")

PCL-731: 185 x 100 mm (7.3" x 3.9") Power Consumption Typical: 5 V @ 0.5 A

Max.: 5 V @ 0.8 A

• Operating Temperature $0 \sim 60^{\circ} \text{ C} (32 \sim 140^{\circ} \text{ F})$ Storage Temperature -20 ~ 70° C (-4 ~ 158° F)

 Storage Humidity 5 ~ 95% RH, non-condensing (refer to IEC 68-2-3)

Ordering Information

PCL-724 24-ch Digital I/O ISA Card PCL-731 48-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

CN1				CN2			
PC 07	1	2	GND	PC 17	1	2	GND
PC 06	3	4	GND	PC 16	3	4	GND
PC 05	5	6	GND	PC 15	5	6	GND
PC 04	7	8	GND	PC 14	7	8	GND
PC 03	9	10	GND	PC 13	9	10	GND
PC 02	11	12	GND	PC 12	11	12	GND
PC 01	13	14	GND	PC 11	13	14	GND
PC 00	15	16	GND	PC 10	15	16	GND
PB 07	17	18	GND	PB 17	17	18	GND
PB 06	19	20	GND	PB 16	19	20	GND
PB 05	21	22	GND	PB 15	21	22	GND
PB 04	23	24	GND	PB 14	23	24	GND
PB 03	25	26	GND	PB 13	25	26	GND
PB 02	27	28	GND	PB 12	27	28	GND
PB 01	29	30	GND	PB 11	29	30	GND
PB 00	31	32	GND	PB 10	31	32	GND
PA 07	33	34	GND	PA 17	33	34	GND
PA 06	35	36	GND	PA 16	35	36	GND
PA 05	37	38	GND	PA 15	37	38	GND
PA 04	39	40	GND	PA 14	39	40	GND
PA 03	41	42	GND	PA 13	41	42	GND
PA 02	43	44	GND	PA 12	43	44	GND
PA 01	45	46	GND	PA 11	45	46	GND
PA 00	47	48	GND	PA 10	47	48	GND
+5 V	49	50	GND	+5 V	49	50	GND

*Note: CN2 is only for PCL-731

Mouser Electronics

Authorized Distributor

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Advantech: PCL-724-AE