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[VersaLogic Corporation](#)

[PCM-3724](#)

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PCM-3724

48-channel Digital I/O Module

48-channel digital I/O module with fully buffered I/O lines.

Features

- 48 programmable I/O lines
- Fully buffered high-current TTL lines
- Rising/falling edge interrupt triggering
- Output status readback
- Opto 22 I/O rack plug compatible
- Jumper selectable interrupts

Description

The PCM-3724 provides 48 fully buffered digital input/output lines. It features Intel 8255 Mode 0 software compatibility for use with all popular software drivers. The two 50-pin I/O connectors are plug compatible with Opto 22 type I/O racks.

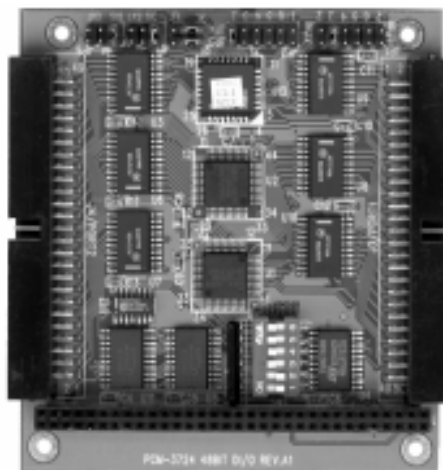
The PCM-3724 provides the reliability of fully buffered inputs and outputs and high drive capacity at a cost comparable with non-buffered boards.

The module's 48 bits are divided into six 8-bit I/O ports. Each port is software configurable as an input or an output. Two hardware interrupt lines are also available.

Ordering Information

PCM-3724 48-Channel Digital I/O Module
 VL-HDW-101 Standoff Pkg. Metric Thread

** All required cables are included with card*



Specifications

Specifications are typical at 25°C with 5.0V supply unless otherwise noted.

- Board Size:**
3.55" x 3.775" (PC/104 standard)
- Storage Temperature:**
- 20° to +85° C
- Free Air Operating Temperature:**
0° C to +60° C
- Power requirement:**
+5V @ 90 ma typ.
- Digital output**
 Logic level 0:
0.5V max. (@ 24 ma sink)
 Logic level 1:
2.0V min. (@ 15 ma source)
- Digital input**
 Logic level 0:
0.8V max.
 Logic level 1:
2.0V min.
- Connectors:**
Two Opto 22 compatible 50-pin .1" headers
- Compatibility:**
PC/104
Opto 22 type I/O racks

Specifications are subject to change without notice. PC/104 and the PC/104 logo are trademarks of the PC/104 Consortium.

