

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.

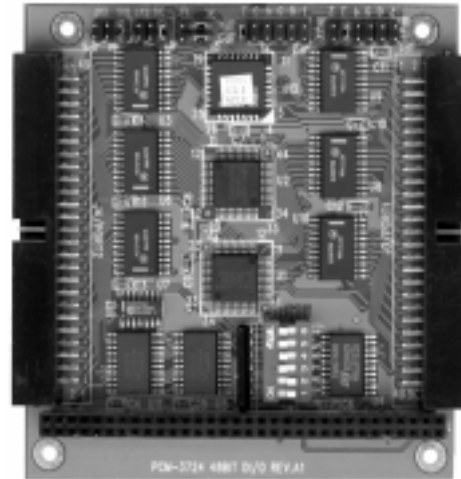
The PCM-3724 provides the reliability of fully buffered inputs and outputs and high drive capacity at a cost comparable with non-buffered boards.

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

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