Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
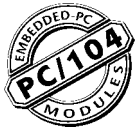
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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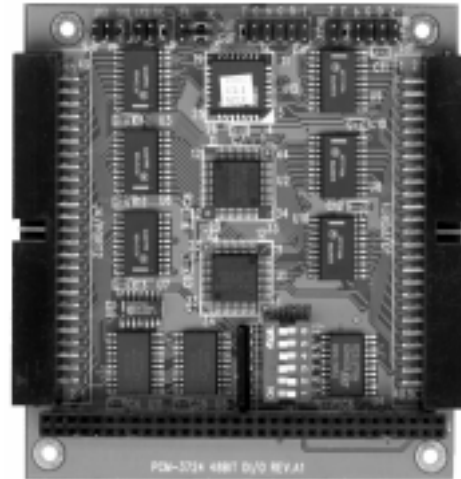
The PCM-3724 provides the reliability of fully buffered inputs and outputs and high drive capacity at a cost comparable with non-buffered boards.

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.

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