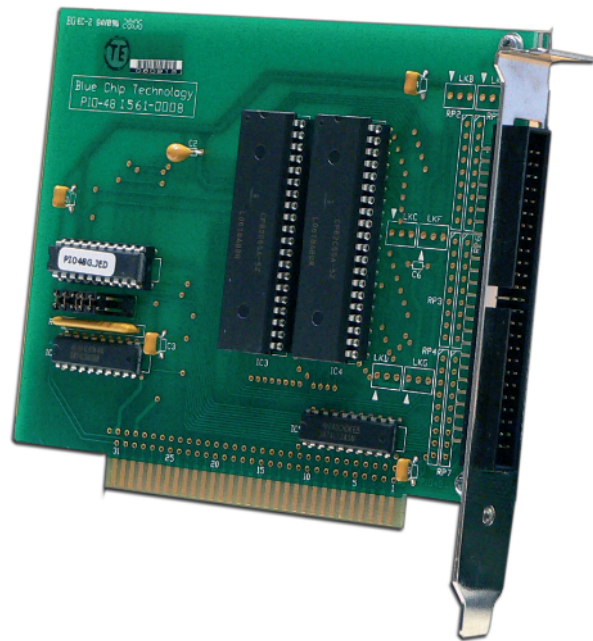




The PIO 48 is an ISA compatible half card that provides 48 programmable digital I/O channels.

It is suitable for sensing the presence of or driving TTL connections only. There is provision for a set of on board pull up resistors to enable the board to be used to detect contact closures on push buttons, relay contacts etc.

All input/output lines are available on an industry standard 50 way D-type plug connector. A very versatile cost effective board for a wide range of uses.

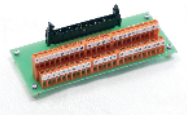
Key Features

- 48 digital channels
- Programmable as input or output
- Configurable under software control
- 5 volt TTL logic signals

Options



1 metre cable with IDC and D type connector
(P/N 1371 0071)



50 way screw terminal adapter
(P/N 1981-0004)



Windows® 98/2000, Windows NT® and Windows XP® drivers

Technical Specification

Programmable I/O Channels	48
Signal Compatibility	5 Volt TTL Logic
Maximum I/O voltage	5 Volts
Timers	2 x 16 bit (TTL level)
I/O logic high level	> 2.4 Volts
Maximum output sink current	1.7mA @ 0.45 Volts
Maximum output source current	100µA @ 2.4V
Power requirement	5 Volts DC @ 150mA typical
Dimensions	107mm (H) x 132 (L) mm
Connectors	PIO-48: One 50 way male IDC connector PIO-48d: One way male D type connector



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Certificate No FM 33069