



DATA

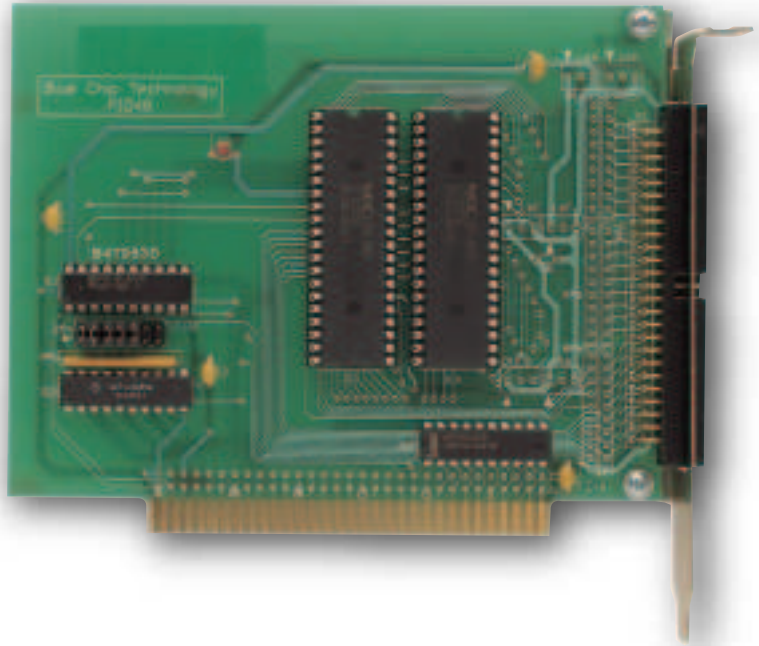
ACQUISITION CARDS

PIO-48/96

48/96 Channel Programmable Input/Output Card

This card provides 48 or 96 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.

- 48/96 digital channel options
- Programmable as input or output
- Configurable under software control
- 5 volt TTL logic signals
- 50 way IDC connector or 50 way D-type connector (PIO-48d)
- Available with DLL for Windows



Technical Specification

Programmable I/O channels:	48 or 96
Signal Compatibility:	5 Volts 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
Height:	107mm
Length:	132mm
Connectors:	PIO-48: One 50 way male IDC connector PIO-48d: One way male D type connector

Options

- 48 or 96 Channels
- 50 way screw terminal adapter
- 1 metre cable with IDC connector (PIO-48)
- 1 metre cable with IDC and D type connectors (PIO-48d)
- Windows 3.1 DLL driver



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