

Blue Chip Technology



DATA

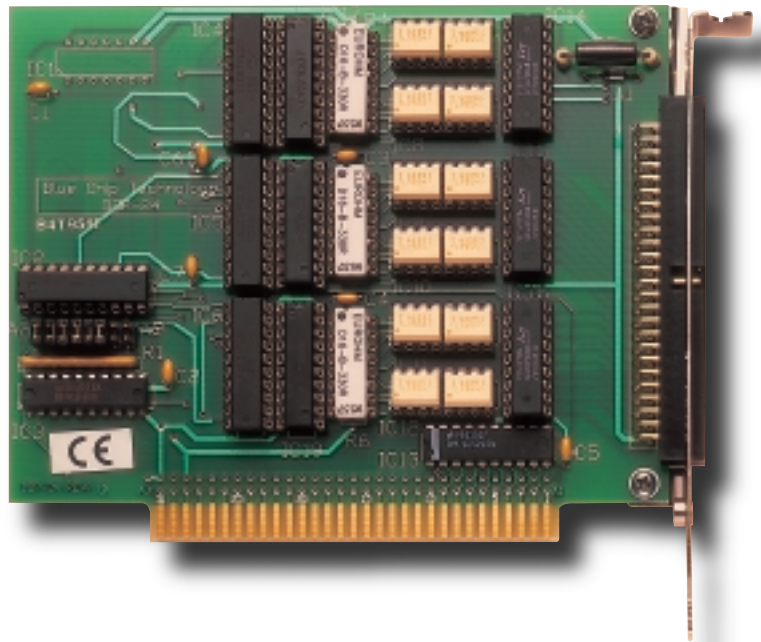
ACQUISITION CARDS

DOP-24

24 Channel Opto-isolated Digital Output Card

This card provides 24 opto-isolated Darlington outputs. It is suitable for driving DC loads in the range 5-24V at currents of up to 400mA per channel subject to a limit of 2W per package (8 bits). An optional on-board power inverter ensures complete isolation of the open collector output devices from the PC power supply, making the board suitable for driving lamps, stepper motors, relays and solenoids etc.

- 24 digital output channels
- Opto-isolated to 500 volts
- Switches up to 24V DC
- Darlington drivers sink up to 400mA
- Optional on-board voltage source
- 50 way IDC connector Analogue voltage and current outputs are bi-polar
- Available with DLL for Windows



Options

- 50 way screw terminal adapter
- 1 metre cable with IDC connector
- Windows 3.1 DLL driver

Technical Specification

Input channels:	24 opto-isolated
Input voltage options:	24 Volts DC
Maximum load current:	400mA DC
Isolation voltage:	500 Volts to PC
Power port dissipation:	2 Watts for 8 channels
Power requirement:	5 Volts DC @ 200mA typical
Height:	107mm
Length:	132mm
Connectors	50 way male IDC header



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