

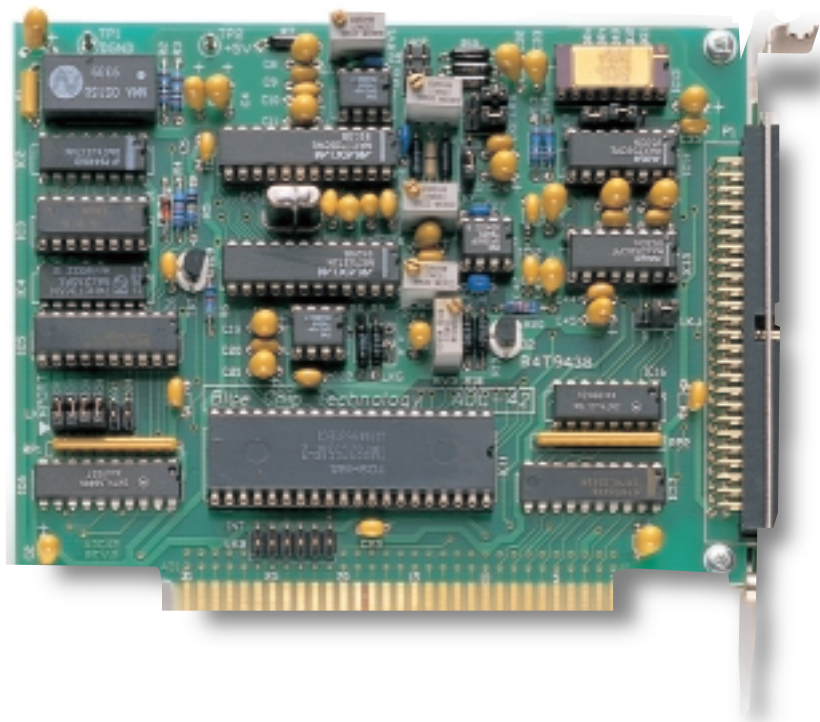


# ADC-42

## Multi-Function 12 Bit Combination Card

The ADC card is a versatile 12 bit input and output subsystem, having both analogue and digital capability. It combines the most popular input/output functions on one card.

- 16 Single-ended or 8 differential analogue inputs
- 12 bit, 10µS ADC
- Selectable input range
- 2 Analogue outputs
- 12 Bit DAC
- 24 Programmable I/O ports (TTL)
- Available with DLL for Windows
- 50 way IDC connector



## Options

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

## Technical Specification

Analogue input channels:	16 single ended or 8 differential
AD converter:	12 bit, 10µS conversion time
Input ranges:	0-5V or 0-10V uni-polar, +/-2.5V, +/-5V, +/-10V bi-polar
Analogue output channels:	2, 0-10 V
DA converter:	12 bit
maximum load current:	5mA DC
Programmable I/O channels:	24 (TTL level)
Power Requirement:	5 Volts @ 300mA, +/-12V@50mA typical
Height:	107mm
Length:	132mm
Connectors:	50 way male IDC header



## Blue Chip Technology

Chowley Oak, Tattenhall, Chester, Cheshire, CH 9EX, UK

Tel: +44 (0) 1829 772000

Facsimile: +44 (0) 1829 772001

E-mail: [sales@bluechiptechnology.co.uk](mailto:sales@bluechiptechnology.co.uk)

Web: <http://www.bluechiptechnology.co.uk>