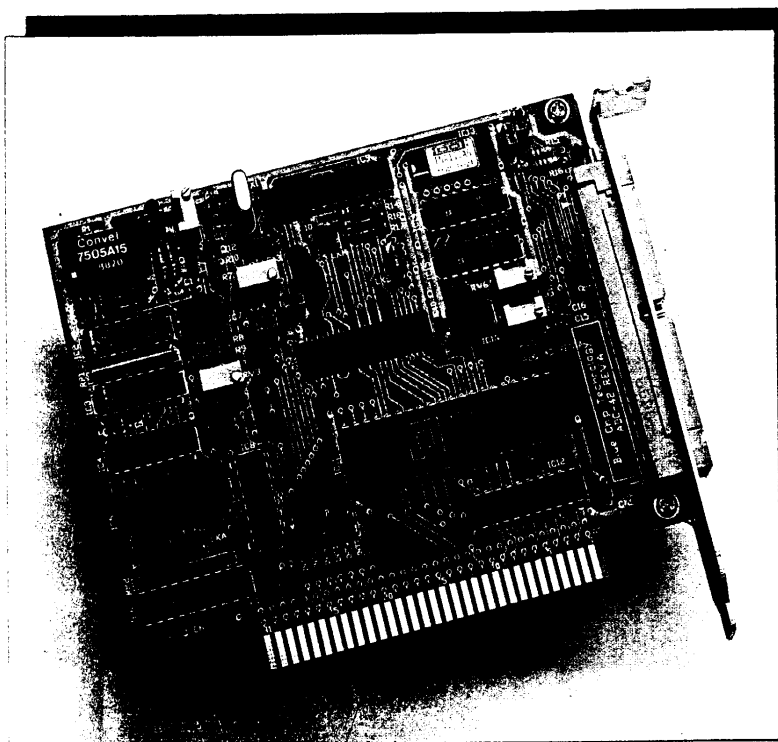


ADC-42

178-0621

Multi-function, 12 Bit Combination Card



The ADC-42 combines the most popular input/output functions all on one low cost card. 12 Bit converters are used to give the highest resolution and accuracy. An on-board timer may be used for fixed frequency sampling.

The analogue input section has 16 single ended or 8 differential channels. The 12 bit Analogue to Digital converter has a fast, 12 microsecond conversion speed. Input ranges can be selected from 10, 5 or 2.5V by on-board links.

Two 12 bit Digital to Analogue converters are provided for high accuracy control outputs. Full scale may be 10 or 5V, again selected by on-board links.

For versatile digital I/O an 8255 PIO chip is included. This has 24 TTL lines which may be programmed as input or output. Many combinations are possible such as all input, all output or 12 in and 12 out.

The card comes with example programs and full documentation.

It is compatible with the IBM PC, XT, AT, 386, PS/2 Model 30 and any compatible. All signals are terminated on a 50 way IDC ribbon cable connector.

- 16/8 Analogue Inputs
 - 12 Bit, 12 microsecond ADC.
 - 0-10, 5 or 2.5V ranges.
- 2 Analogue Outputs.
 - 12 Bit DAC.
 - 0-10 or 0-5V ranges.
- 24 Programmable I/O.
 - 3 x 8 Bit ports.
 - TTL Levels.
- On-board Programmable Interrupt Source.
- Various Versions Available.
- IBM PC/XT/AT, Model 30 or Compatible.
- Short Card Format.
- 50 Way Ribbon Cable Connector.
- Full Documentation and Example Programs.

