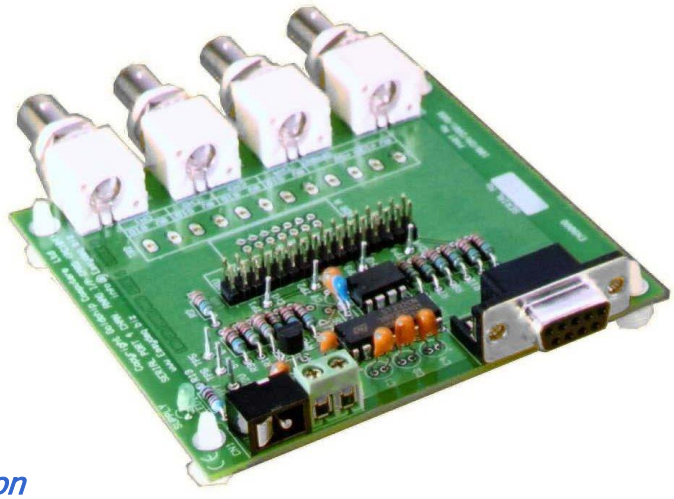
Features

- 12V DC external power supply
- 4 channel 8 bit ADC @ upto 60Hz (4 channels)
- Input voltage (max) ranges of 5V, 15V or 35V DC (user selectable via onboard links)
- Power consumption approx 10mA max
- 2.5mm jack socket or screw terminal power connection option
- Supplied with nylon feet (will take self tapping screws)
- Corner mounting holes allow cards to be stacked if required
- Available with three alternative output connector options (14 way header, screw terminal or BNC)
- A protective perspex cover & base is also available
- Dimensions approx 90mm (D) 95mm (W) 15mm (H) (screw terminal connector option)
- Option of either a 9 way D type (female) or 10 way header connector serial port connector
- 0V, 5V and 12V also taken to the output connectors
- Standard (9 way D Type straight through) serial cable required for connection to PC serial port



Description

This card is a PC104 profile 4 channel analogue input (ADC) card designed to be connected to any RS232 compatible serial port serial and commanded via a simple command protocol.

The 8 bit ADC operates at a sampling frequency of upto 60 Hz (all four channels). All channels are able to operate at voltage input ranges of 0-5V, 0-15V and 0-35V DC via user selectable links. The card is available with the option of three alternative output connector types (14 way header, screw terminal or BNC).

Specifications

Serial Interface
Standard RS232 electrical interface with 9 way (female) D Type connector.
Power supply
5V DC
Power consumption
10 mA (max)
Operating temp range
0-70^{0}C

Output channels
5V (max) @ 20mA (max) per output or 40mA (max) for per group of 8 channels
Dimensions
Dimensions approx 90mm (D) 95mm (W) 17mm (H) (exc feet)

Order codes

SERADC4BNC
9 way D type input & BNC output connector
SERADC4SCR
9 way D type input & BNC output connector
SERADC4HDR
9 way D type input & BNC output connector
SERHDRADC4 (BNC/SCR/HDR)
Specifies 10 way header input connector for each of the above options