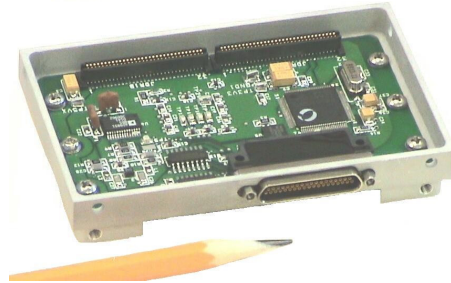




4014 AASYNC Four Channel Asynchronous Serial Input Module



FEATURES

- Four independent asynchronous serial channels
- User-selectable RS-232 or RS-422/485 interface
- User-selectable baud rate, 1200 to 115.2Kb
- User-selectable data parity
- Programmable module ID
- Galvanic isolation
- Micro D-37 pin connector interface

OVERVIEW

The AASYNC four channel asynchronous serial input module multiplexes and packetizes four user data channels and routes the serial data packets to the AL4000 backplane. User serial data may be supplied as either single-ended RS-232 or differential RS-422/485. All user inputs are accessible via the micro-miniature D-37pin interface connector.

The 4014 is used in conjunction with the Apogee Labs' 2109 AASYNC2 and 4020 ASYNCO modules.

SPECIFICATIONS

NUMBER OF CHANNELS

- Four, individually programmable

SERIAL INPUT FORMAT

- User-selectable RS232 or RS-422/485
- 1 start bit, 8 data bits, 1 stop bit
- User-selectable Parity, Odd, Even or None

RS-422/485 INPUT TERMINATION

- 120 Ohm

MODULE ID

- User-programmable 11-bit value

INTERFACE CONNECTOR

- 37-pin micro-miniature D-type

COMPLEMENTARY HARDWARE

- 2109 ASYNC2
- 4020 ASYNCO