

2-Channel RS-232/422 Bus Monitor Encoder Unit



Applications

- Flight Test Instrumentation
- Factory Automation and Process Control
- Research Measurements and Experiments

Features

- 2-channel RS-232/422 Bus Monitor Encoder Unit
- Supports EIA-RS-232 Standard
- Baud Rates from 4.8 Kbaud to 115 Kbaud per channel
- Fully programmable on a per channel basis for:
 - Baud rate, data bits, stop bits, and parity
- 12 discrete bilevel inputs
- Provides PCM encoding per IRIG-106-96
- PCM Encoding is programmable for:
 - Bit rate, bits per word, words per frame, frames per major frame,
 - Channel data sampling, sample discrete,
 - User data, sync words, and PCM code

Description

The RSE-232 is a Dual RS-232 Bus Monitor/Encoder unit designed to operate in a stand-alone configuration (RS-232/422 input; serial PCM data/clock output). The miniature ruggedized housing is suitable for use in space-limited, weight-critical, harsh-environment applications. Major internal elements include a 28VDC power supply, a factoryconfigured RS-232 Bus Monitor (see 8.0 for specific configuration), a bi-level multiplexer/conditioner, and a high-speed PCM Encoder/Formatter. The RSE-232 can be used as an airborne modem, uplink/downlink encoder, or as a data acquisition/instrumentation unit.

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RSE-232 Datasheet

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