

High Speed (20MHZ) PCM Encoder



Applications

- Missile and Weapons Performance Testing
- Aircraft, UAV and Targets Flight Testing
- Vehicle Performance Testing
- Space Applications
- Research, Measurements and Experiments

Features

- Stand-alone Operation
- PCM Encoder
 - 32 Analog Channels
 - 16 Discrete Channels
- Integral signal conditioning capability:
 - General Purpose Analog
 - Bi-Level
- High Speed Operation to 20 Mbps
- Programmable Bit Rate and Bits per word (8, 9, 10, 11, 12) on a format basis
- Buffered Data Outputs
 - Filtered Telemetry Data Output (SE output for 50 ohm load)
 - RNRZ-L Data/Clock Output (RS-422)
 - NRZ-L for Diagnostics (RS-422)
- Built-in Flexibility
 - Programmable via serial RS-232 Connection
 - PC-based software application provided
- Diagnostics & Maintenance via RS-232
- Overall Analog System Accuracy: +/-1%

Description

The PCM-1632 is a high-speed, stand-alone PCM Encoder with integral signal conditioning. The unit handles up to 32 Analog channels, 16 Discrete channels. The Analog input channels consist of General Purpose inputs. There are 3 outputs; 2 Non-filtered and 1 Premodulation filtered outputs. The 2 Non-filtered outputs are RNRZ-L and NRZ-L with a synchronized clock. The premodulation filter output provides RNRZ-L or NRZ-L coded output whose cutoff frequency and amplitude are user-programmable. The PCM-1632 unit is very small and rugged, and is suitable for installation in remote or inaccessible areas.

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PCM-1632 Datasheet

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 Specifications subject to change without notice.

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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