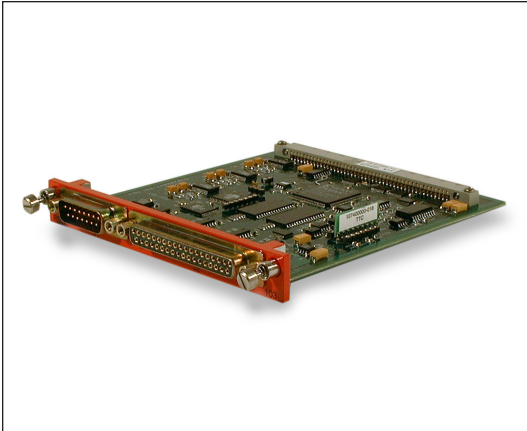


## 3 Channel Programmable Secondary PCM Output Board



### Applications

- Simultaneous telemetry and recording
- Drive real-time data analysis
- Data acquisition and monitoring

### Features

- 3 programmable secondary PCM outputs per board
- Each output contains all composite data or any subset of the composite data
- Programmable operation to 5 Mbps per output
- Data/clock outputs provided
  - Programmable NRZ-L or RNRZ-L
  - Single-ended (TTL) and RS-422
- Synthesized output clock rates proportional to the amount of data steered to each output
- PSO1 has a six-pole bessel premodulation filter
- Microsoft Windows application software included

### Description

The PSO-103 board provides programmable secondary output capability to the EDAU-20XX and CDAU-20XX product families. The board can be used in master or stand alone units and provides three (3) system PCM data stream outputs for display, analysis, telemetry or archive purposes. Each output can be programmed to contain all composite data or a subset of the composite data content. Outputs operate at programmable rates up to 5 Mbps. Data and clocks are provided in RS-422 (differential TTL) and TTL (single-ended) formats. The PSO1 is also provided with a premodulation filter output for transmission.

Revision 05/13/2015

### PSO-103 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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