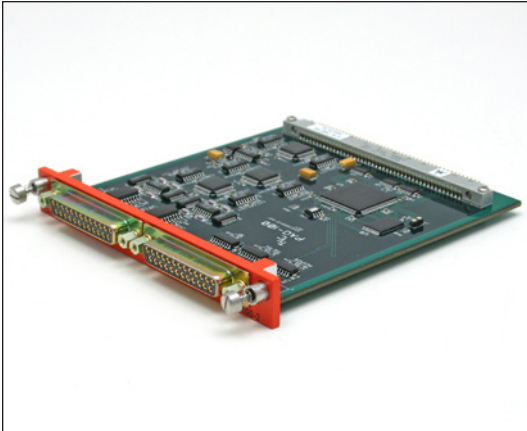


### Parallel Digital & Analog Output Card w/8 Programmable 12-Bit DACs



#### Applications

- Analog indicator driver
- Strip chart recorder interface
- System health monitoring and BIT
- Data acquisition and monitoring

#### Features

- Eight 12-bit DAC outputs
- One RS-422 parallel output
- DAC outputs sourced from:
  - PCM data words
  - Derived parameters (via optional overhead cards)
- Parallel output characteristics
  - 8-bit data; Hi/Lo byte; strobe
- Discrete status word output
  - 8-bit status word
- The PAO-100-1 offers all the basic features listed above
- The PAO-100-2 offers all the -1 version features plus for each DAC output:
  - Two's complement data
  - Invert data prior to DAC conversion
  - Multiply data by 1,2,4,8 & 16 prior to DAC conversion
- The PAO-100-3 offers all the -1 & -2 version features plus for each DAC output:
  - Concatenate two PCM format words into a single DAC output value
  - Select the starting bit of the DAC output to be anywhere within the word field
  - Select the number of bits to be used for the DAC output value
- Windows 2000, XP & Windows 7 compatible software included

#### Description

The PAO-100 card provides enhanced data output capabilities for TTC's EDAU/CDAU products. One high-speed parallel-digital output and eight independent analog outputs are provided. The outputs are in addition to the conventional serial data outputs available from the system. The PAO-100 is used in any EDAU/CDAU Stand Alone or Master Unit. One or more cards can be placed within a single unit as required. The outputs are sourced from the host encoder's PCM data output or from derived parameters through the use of optional master overhead cards. The card is primarily intended for data display, analysis, or high-speed data transfer purposes.

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#### PAO-100-1/2/3 Datasheet

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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