



2000 Series CMS Analog-to-Digital Conversion Board 43743-1110

FEATURES

- Provides a successive 12-bit Analog-to-Digital Converter
- Handles up to 8 CMS Analog Input Boards
- Provides 17 microsecond Conversion Time
- Interfaces to Tetragenics' 2000 Series Bus
- Interrupts the CPU board when conversion is complete
- Used in conjunction with the CMS Analog Input Boards
- Provides a plug in module for Tetragenics' Communications Monitoring and Control System

43743-1110

POWER REQUIREMENTS

55 mA @ +5 Vdc
30 mA @ +15 Vdc
30 mA @ -15 Vdc

ENVIRONMENTAL DATA

Operational Temperature: 0 to 55° C
Storage Temperature: -40 to 70° C
Humidity: 95% Noncondensing

MECHANICAL DATA

Standard Double-Height Eurocard;
Overall sizes to DIN 41 494 part 2,
IEC 297-3 (6.299" x 9.187")

Front Panel: *6 U x 4 HP (10.3" x .8")

Weight: Approximately 16 oz.

* U = 1 unit (approx. 1.71 inches)

HP = Horizontal Pitch approx. 0.2 inches

DESCRIPTION

The 2000 Series Communications Monitoring and Control System (CMS) Analog-to-Digital Conversion Board provides a cost-effective way to multiplex and convert analog input signals to digital data.

The A/D Converter Board can multiplex up to 8 analog input boards (192 analog input points) and convert each signal to 12 bits of digital data.

See the CMS Analog Input board (43743-1010) data sheet for information about the analog input signal levels.

