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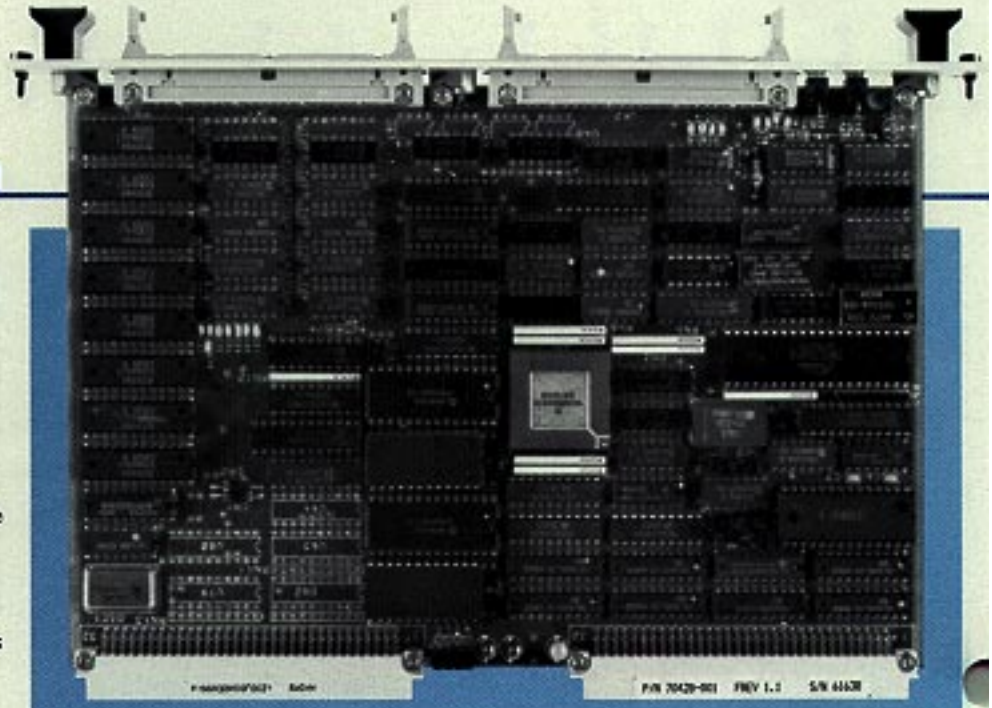
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Find the *Acromag / Xembedded / Xycom XVME-428/1* at our website: *Click HERE*

XVME-428



Intelligent Asynchronous Serial Communication Module

The XVME-428 Intelligent Asynchronous Serial Communication Module provides VMEbus systems with eight serial ports, compatible with RS-232C, RS-422A, or TTL lines.

The XVME-428 contains Xycom's 68000 based Intelligent I/O Kernel. This kernel, along with the on-board firmware, performs many of the time consuming tasks associated with serial I/O, relieving the host processor of the burden of executing these tasks.

Features

- Eight independently programmable RS-232C or RS-422A serial ports
- 10 MHz 68000 CPU
- Xycom's Intelligent I/O Kernel
- Xycom's InterProcessor Communications Protocol
- On-board firmware for Record or Character I/O
- Programmable baud rates from 50 to 19.2K baud

Applications

- Simplifies serial I/O to peripheral devices by automatically executing most handshaking tasks • Supports a wide variety of serial devices

Specifications

Serial Ports
- Number 8
- Type . . . . . Signetics 2641 EPCI
- Features:
  - Baud rates to 19.2 K
  - Asynchronous operations
  - Options of RS-232C, RS-422A or TTL drivers and receivers (TTL uses P2 Connector)
  - Each channel independently software configurable
  - Programmable baud rate, stop bits/character, parity, half or full-duplex
  - RTS/CTS modem control
  - Supports XON/XOFF protocol

Power Requirements . . . . . 5V ± 5% @ 4.2A typ.
± 12V ± 10% 160 mA typ.

VMEbus Compliance

Complies with VMEbus Specification, Revision C.1
A16/A24:D16/D08(EO) DTB Slave
Interrupter - I(1)-I(7)(DYN), ROAK
Interrupt Vector - D08(O)(DYN)
Requester - R(0)-R(3)(STAT)
Utility Signals - SYSFAIL
Form Factor - NEXP
Conforms to Xycom Standard I/O Architecture

Ordering Information

Module: XVME-428/1
Description: 8 Channel Intelligent Asynchronous Serial Communication Module with RS-232C Interface
Module: XVME-428/2
Description: 8 Channel Intelligent Asynchronous Serial Communication Module with RS-422A Interface
Module: XVME-428/3
Description: 8 Channel Intelligent Asynchronous Serial Communication Module with TTL Interface

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