



# M367 Multi-Protocol Controller M Module

The M367 is an intelligent serial channel protocol controller based upon the MC68EN360 Quad Integrated Communications Controller (QUICC™). It has been designed to support high data transfer rates with a minimum impact on system loading. The four channels support RS-232, RS-422 and RS-485 transceivers in several different I/O configurations.

## Specifications:

### Serial Port Characteristics:

Baud Rates: 50, 150, 300,  
600, 1200, 2400,  
4800, 9600, 19200, 38400

Data Length: 5, 6, 7, 8 bits

Parity: None, Odd, Even,

Stop Bits: 1, 1.5 or 2

### I/O Buffer Memory:

1 MByte of dual ported RAM

### Protocol Stack Memory:

512 Kbytes of Flash EEPROM

**Connectors:** 25 pin DSUB (Female)

### Temperature:

Operating: 0°C to 60°C  
Storage: -20°C to 70°C

**Power:** +5V @ 1.0 A

### Configuration Options

RS422/RS485, 2 channels Half Duplex/CLOCK	n=1
RS422/RS485, 2 channels Full Duplex/CLOCK	n=2
RS232, 4 channels	n=3
RS422/RS485, 2 channels Half Duplex + RS232, 2 channels	n=4
RS422/RS485, 2 channels Full Duplex + RS232, 2 channels	n=5
RS422/RS485, 2 channels Full Duplex + RS422/RS485 Full Duplex/CLOCK, 1 channel	n=6

Other Options available

## M Module Compliance

Complies with ANSI/VITA Std 12-1996 for single-wide M Modules.

Data Transfers 16 bit

Interrupts INTA

Compatible with VXI, VME, PCI, PXI, CPCI & Ethernet Carriers

## Applications

- Multiple terminal interfacing
- Peripheral Control

## Ordering Information

**Part Number** 11029680-000n  
where n is defined in the table at left

## Additional Information

User Manuals for C&H carriers and this module can be found on our website at [www.chtech.com](http://www.chtech.com).