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TECHNOLOGY GROUP

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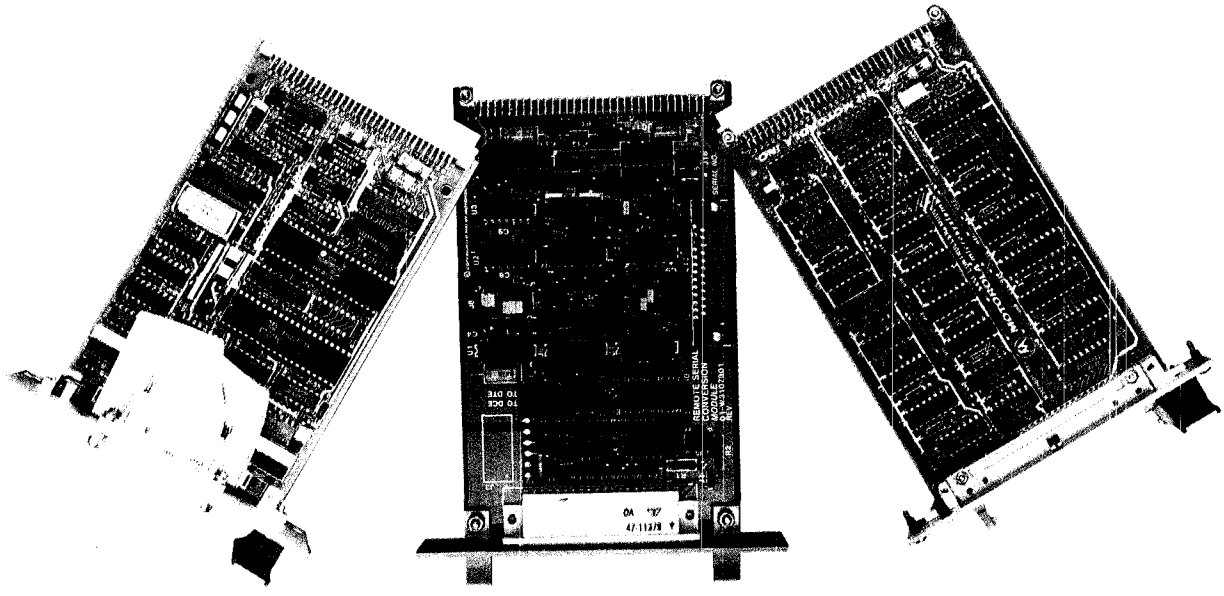
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Find the *Emerson / Motorola MVME420* at our website: *Click HERE*

I/O modules



Attach a number of high-performance microprocessors to a common bus, (in a complex multiprocessor system) and you generate a considerable amount of bus traffic. Load the bus, further, with all the peripheral equipment associated with all the processors, and you can create a traffic jam on the main bus that can significantly slow down an entire operation.

Enter the I/O Channel!

The I/O Channel is an advanced architectural feature of VMEmodule and VERSAmodule systems that permits peripherals of a particular MPU to work on a totally separate bus, dedicated to that MPU exclusively. Thus the main systems bus remains uncluttered by time-consuming processes that can be separately managed by each processor.

The I/O Channel has a 12-bit address bus, 8-bit bidirectional data bus, 4K bytes of memory-mapped I/O, and a data transfer rate of up to 2 Megabytes per second.

Motorola I/O modules cover the gamut of Input/Output applications, from general-purpose parallel and serial adapters to dedicated end uses. A number of them are in the Eurocard Format for direct mechanical compatibility with VMEmodule Eurocard packaging.

Dual Channel RS232C Communications Module — Provides two I/O Channel compatible, full duplex, serial I/O ports; software and jumper selection enables sync/async baud rates of 50 to 19.2K-bits as a terminal or modem. **MVME400**

Dual 16-Bit Parallel I/O Module — Provides four independent 8-bit ports with 2 handshake lines per port. Outputs provide Centronics type parallel interface for 2 printers. **MVME410**

SASI (Shugart Associates System Interface) Bus Peripheral Interface Adapter Module — Provides single host non-arbitrating SA400 disk controller interface for I/O Channel. **MVME420**

Magnetic Tape Interface Adapter Module — Provides buffer ½" 9-track, 4K-bit FIFO buffer and interface for two industry standard 9-track 800/1600 bpi magnetic tape formatters, each controlling four 25-/125-ips tape drivers in start stop mode. **MVME435A**

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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