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Find the *Emerson / Mizar MZ 4700-2N-20BA-AI* at our website: ***Click HERE***

Mizar, Inc.

Development Hardware/Multiprocessor Board

Product Name: **MZ 4700 Single/Dual 'C80 Parallel DSP Engine**
Platforms Supported: VMEbus
Devices Supported: TMS320C80

Features and Benefits

- Co-developed with Texas Instruments, Defense Systems and Electronics Group
- Single or dual independent 40-MHz TMS320C80 Multimedia Video Processors
- High-speed daughterboard interface for custom I/O
- Master/slave VME64 interface with interrupt support
- Two IndustryPack expansion sites

Product Description

Mizar's MZ 4700 is a single- or dual-'C80 parallel DSP engine. It is the industry's first single-slot, 6U VME board with two TMS320C80s for high-performance and high-bandwidth image- and audio-processing applications. The architecture of the MZ 4700 offers a high degree of flexibility allowing for parallel or independent processing by the two 'C80 chips. The board provides a full master/slave interface with support of VME64, interrupts, local and global memory, and expansion daughterboard interfaces for custom I/O.

The MZ 4700 also has a comprehensive selection of software development tools. The ANSI-compatible C/C++ compiler not only gives a high-level language for single-threaded program development, but its parallel processing run-time library facilitates the writing of parallel programs which use both 'C80 RISC and ADSP processors simultaneously. A parallel processor assembler/linker package and the TI XDS Emulator also eases the development of parallel code.



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