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Find the *Vecima / Spectrum Signal Processing ePMC-PPC* at our website: ***Click HERE***

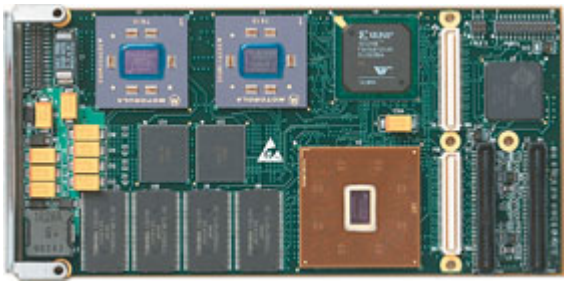
Spectrum Signal Processing by Vecima

Trusted supplier of signal processing solutions since 1987

SEARCH

ePMC-PPC

Dual G4 MPC7410 PowerPC™; Processing Module with AltiVec™ Support for Floating-Point Applications



Overview | Features and Benefits | Block Diagram

Features

- Two G4 PowerPC MPC7410 processors up to 500 MHz, with 128-bit AltiVec support for floating-point applications
- High-speed communications paths to the carrier, based on the Solano™ Communications IC, support 3.2 GB/s (peak) transfers
- 512 MB of SDRAM
- 2 MB of L2 Cache per MPC7410
- Sustained I/O bandwidth of 430 MB/s on the 60x bus
- Individual on-the-fly reset of each processor through software control
- 32-bit, 33 MHz PCI interface
- Software support includes quicComm™, quicWave™ for PowerPC, VxWorks 5.5.1®/ Tornado II® (2.2.1), CORBA

Benefits

- High-performance floating-point processing engine
- High-speed, low latency, deterministic data paths to the carrier board
- Supports dynamic task loading on individual processors
- Modular architecture supports rapid scalability, flexible system configurations, and simplifies processor upgrades
- Extensive software support simplifies application development, speeds time-to-market, and ensures code portability

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