

Quatro-960 PCI Add-In Card Evaluation Platform

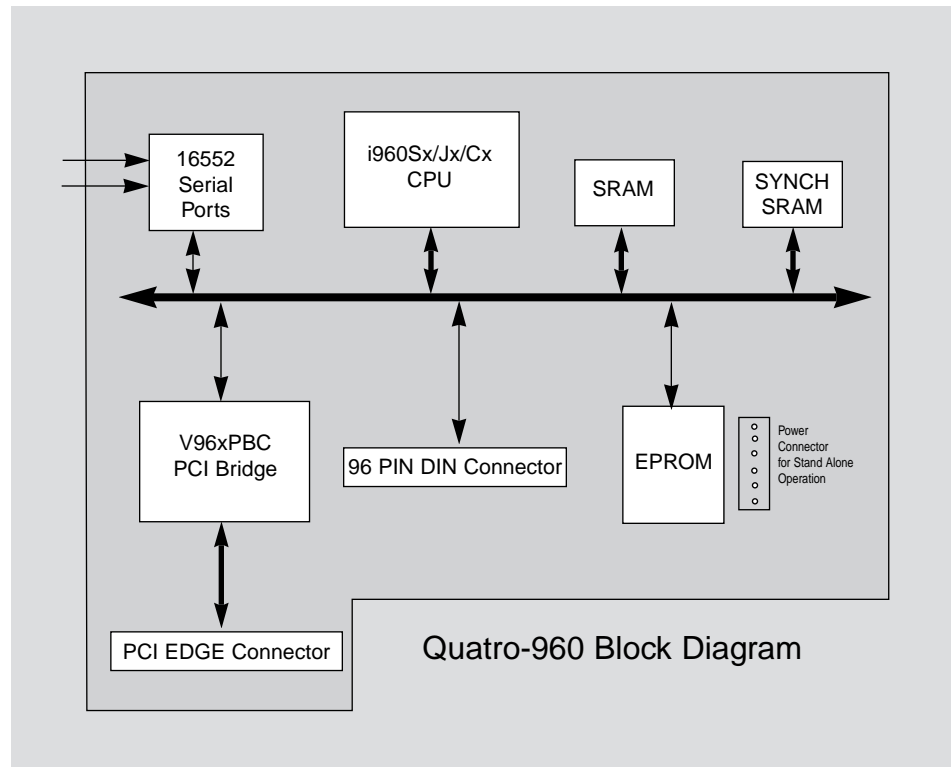


- Reconfigurable to Allow Benchmarking of i960[®] Processors
- Up to 40 MHz Local Bus Operation
- Uses V³ Corporation's V96xPBC i960 CPU-to-PCI Bridge Controller
- Up to 2 Megabytes of Wait State Configurable SRAM
- Up to 2 Megabytes of Ultra High-Performance Synchronous SRAM
- MON960 in On-Board ROM With Serial Host Communications
- 96-Pin Expansion Header For Custom Hardware Prototyping
- Includes Schematics and Documentation
- PCI Based or Stand Alone Operation
- Ideal For Intelligent Add-in Card Prototyping

The Quatro-960 add-in card provides embedded system designers a ready-made solution for i960 processor based PCI design. Quatro-960 is designed to support the i960 Sx, Jx and i960 Cx processor; all on the same PCI-standard form factor card. The heart of the Quatro-960 card is the V96xPBC family i960 processor to PCI Bridge component.

The Quatro-960 also includes two types of RAM memory: Standard SRAM and ultra high-performance synchronous SRAM. V³ chose to use SRAM for this board to allow customers complete control over wait state profiles, as well as to allow prototyping of very high-performance designs. DRAM can be added via an optional daughtercard.

Quatro-960 is designed with expansion and prototyping in mind. A 96-pin DIN connector is provided that includes all necessary local bus signals. MON960, the Intel standard monitor/debugger, comes standard in ROM. MON960 has been customized to fully initialize the V96xPBC. Example PCI programs are provided along with full source code listings.



The documentation kit for Quatro-960 includes schematics, PAL equations, example code (both C and assembly), data sheets and manuals for all devices.

PROCESSORS SUPPORTED:
i960 Sx, Jx, Cx Processors

AVAILABILITY:
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