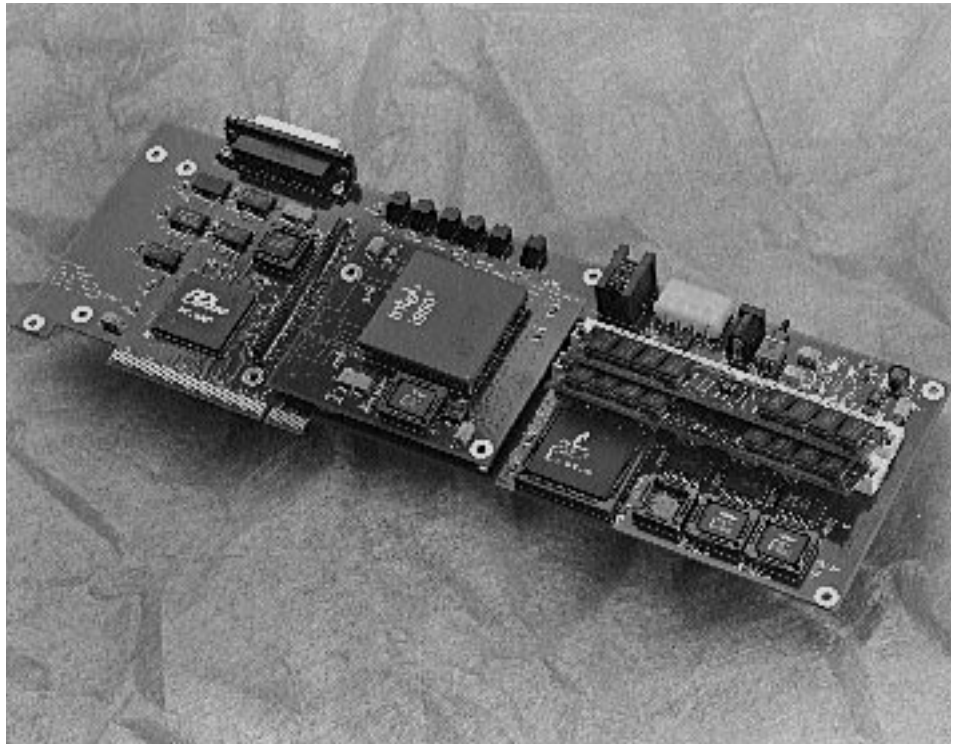


PCI80960 Intelligent Communications Controller



- i960® Processor Module Supports Entire Family of i960 Processors
- 2, 8, or 32 Mbytes of Interleaved Fast Page Mode DRAM Memory
- PCI Interface/Bridge With Two DMA Controllers
- Squall II Module Interface
- Flash ROM For i960 Processor Code and Host BIOS Code
- Console Serial Port
- Three 16-Bit Counter/Timers
- 1 Kbyte EEPROM Non-Volatile Parameter Storage
- Parallel Input Port For Fast Code Download



The PCI80960 is a flexible intelligent communications controller for OEM applications requiring powerful integer processing engines. The PCI80960's i960 processor is mounted on interchangeable processor modules. Modules are available for the entire i960 microprocessor family – from the low cost i960 SA processor to the newest and highest performance member the i960 HT processor. The processor modules allow a system developer to tune the price/performance of the i960 microprocessor family member to the application. The PCI80960 is targeted at a wide range of applications from telecommunications and networking to machine control and robotics. Support tools, real-time operating system environments, and drivers are available for application code development on the PCI80960.

The Squall II Module Interface, an open domain specification, is an enhanced set of the i960 microprocessors' data, address, and control signals. Squall II Modules provide I/O expansion and flexibility by allowing users to add different I/O interfaces to the PCI80960. Cyclone Microsystems has many off-the-shelf modules available that include SQ01/Ethernet; SQ10/SCSI-2; SQ11/SCSI-2 (Fast & Wide); SQ20/High-Speed Serial; and SQ40/Parallel Input.

The PCI80960 supports Intel's GNU960 and other i960 processor software tools. It also supports pSOSystem and VxWorks real-time operating systems.

HOST SYSTEMS SUPPORTED:
Any PCI system

PROCESSORS SUPPORTED:
Entire family of i960 Processors

AVAILABILITY:
Now

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