MOD5234

Ethernet Core Module

100 Version with RJ-45 | 200 Version with 10-pin header

NetBurner

Key Points

- Use as a high-performance single board computer or add Ethernet connectivity to a new or existing design
- The included eTPU is essentially an independent microcontroller designed for timing control, I/O handling, serial communications, motor control and engine control applications.
- Industrial temperature range (-40°C to 85°C)
- Customize with development kit

Device Connectivity

- 10/100Mbps Ethernet
- 3 UARTs, I²C, CAN, and SPI
- SD/MMC flash card ready
- 49 digital I/Os
- 16-bit address and data bus with 3 chip selects
- eTPU

Performance and memory

- 32-bit 147.5 MHz Processor
- 8MB SDRAM and 2MB Flash

Companion development kit

The following is available with the development kit:

- Customize any aspect of operation including web pages, data filtering, or custom network applications
- Development software: NB Eclipse IDE, Graphical debugger, deployment tools, and examples
- Communication software: TCP/IP stack, HTTP web server, FTP, E-mail, and flash file system
- System software: uC/OS RTOS, ANSI C/C++ compiler and linker

The following optional software modules are not included with kit and are sold separately:

- Embedded SSL & SSH Security Suite (Module License Version)
- SNMP