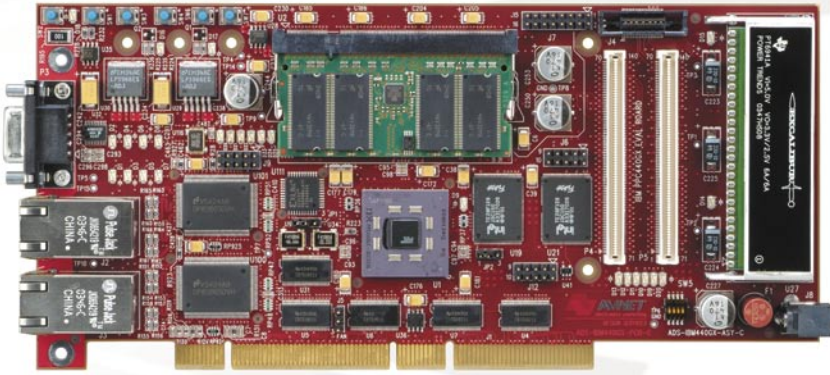


Avnet Product Brief



AMCC PowerPC® 440GX Evaluation Kit

Features:

Processor

- AMCC PowerPC 440GX Processor

I/O Peripherals

- Xilinx® CPLD XC2C32
- AvBus expansion connectors (2)
- 6 LEDs
- 4 DIP switches
- 6 push-button switches
- JTAG interface
- RISCWatch/Trace Interface (MICTOR)
- I²C interfaces (2)
- Universal PCI/PCI-X to 133 MHz

Memory

- Intel® J3 Flash (32 MB)
- Micron® 256 MB SODIMM ECC module (72-bit)
- I²C serial PROM

Communication

- RS-232 serial port
- 10/100/1000 Ethernet PHY (2)

Power

- Texas Instruments™ dual power module: 3.3V/2.5V, 6A each rail
- National Semiconductor® linear regulators

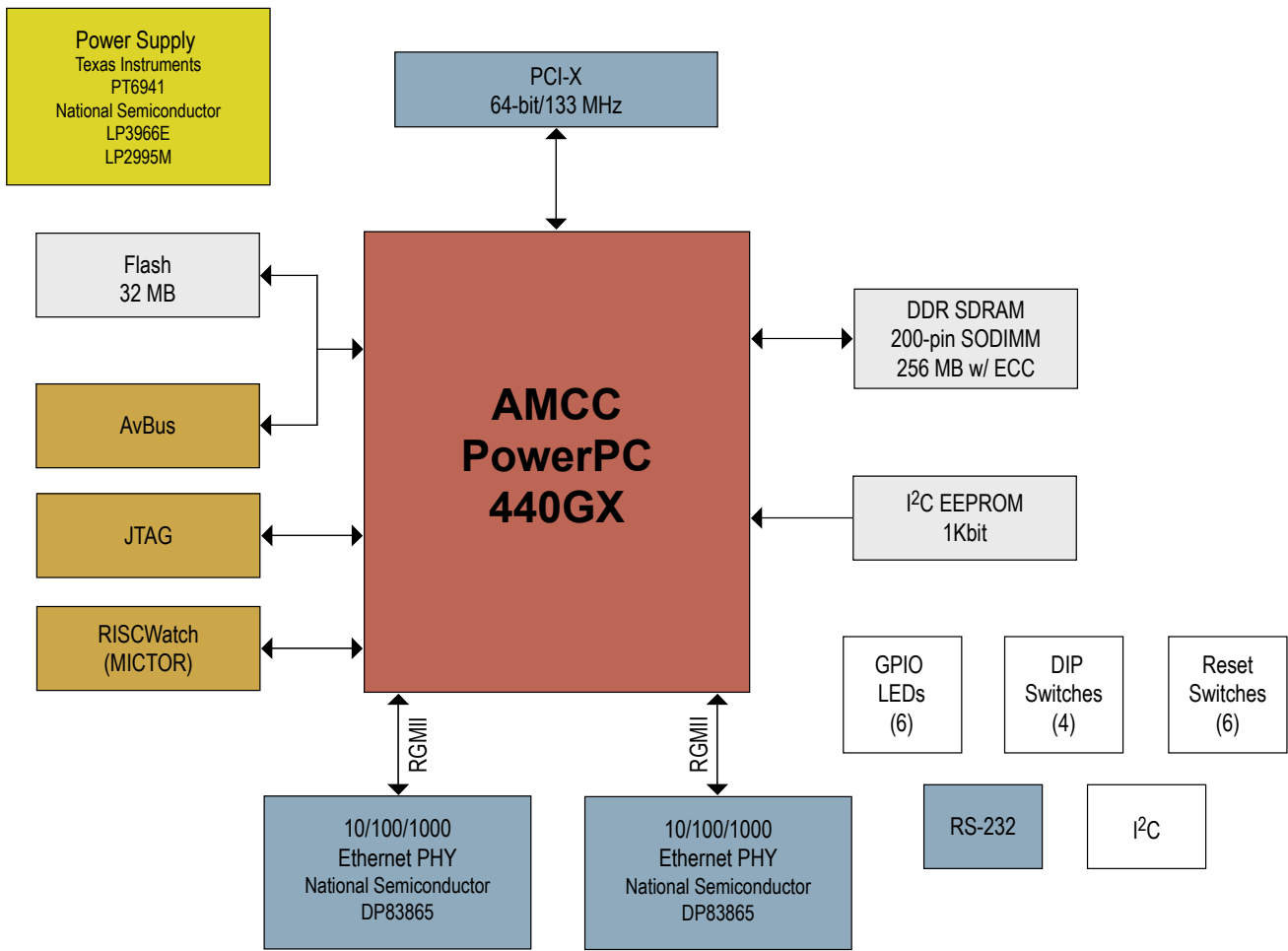
Target Applications:

- Embedded controller
- Networking
 - > IP switches
 - > Line cards
 - > Gateways
 - > IP SAN HBAs
- Telecommunications

The AMCC PowerPC 440GX Evaluation Kit from Avnet Electronic Marketing speeds time to market for designers, offering a platform to develop and test products that are targeted to the IBM PowerPC 440 family. The AMCC PowerPC 440GX is a superscalar processor with 32Kbyte instruction and data caches and a 256Kbyte L2 cache that may also be utilized for low-latency packet/code storage. A TCP/IP offload engine may be utilized to speed up data packet processing on the two gigabit Ethernet ports. The 440GX module may be utilized as a 32/64-bit PCI/PCI-X target, or may be used as a stand-alone module powered from the included +5V @ 4.5A supply. Application support is provided by a 256 MB SODIMM DDR SDRAM module and 32 MB of Flash memory.

AMCC PowerPC 440GX Evaluation Kit Includes:

- Evaluation board
- User manual
- Bill of materials
- Schematics
- Power supply



Supporting Suppliers:



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Ordering Information:

Part Number

ADS-IBM-440-EVL

Hardware

AMCC PowerPC 440GX Evaluation Kit

Resale

\$749.00 USD



www.em.avnet.com