Overview

Advme7507C is a VME bus CPU board equipped with AMCC PowerPC405GP.
Its low-power and cost-effective PowerPC core with standard interfaces such as 10/100Base-TX, RS232C (4ch), CompactFlash and PMC (PCI mezzanine card), and VME bus P2 connector equipped with parallel port, IDE and floppy disk interfaces enable the single board computer to be of very wide application.

Specifications

- CPU: AMCC PowerPC405GP 192MHz
- Cache: 8kB for Data and 16kB for Instruction
- Memory: SDRAM 64MB or 128MB (optional)
- ECC support
- Boot ROM: 512kB FLASH memory
- Serial EEPROM: 2kbit
- Ethernet: 1x 10/100 Base-TX
- Serial Port: 4x TIA/EIA-232E standard
- RTC: RTC62423 Battery Backup
- PMC: 1x PMC slot
- CompactFlash: Compatible with 3.3V module
- SuperIO: IDE Interface
- VMEbus: Standard Compliant to VME bus Rev.C.3
- Bus width: A32/A24/A16, D32/D16/D08 (EO)
- Functions: Applicable for both system slot and peripheral slot
- Power Supply: DC5.0V±5% (supplied by VMEbus)
- Consumption: 2.5A (max.)
- Form Factor: 6U size, Single Slot

Block Diagram

*CompactFlash medium is optional.