

VME Bus

Freescle Dual Core CPU MPC8572E CPU Board

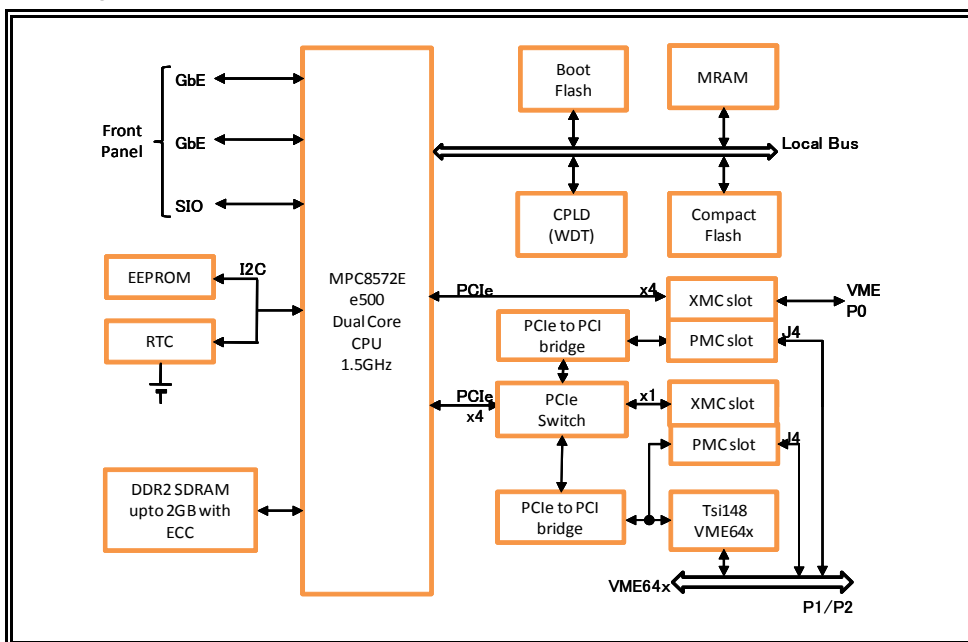
Advme7516

■ Features ■

- High Performance & High Reliability
 - Freescle e500 Dual Core CPU MPC8572E
 - CPU clock 1.5GHz
 - Main memory 1GB/2GB ECC support
 - VME64x bus bridge supporting TS1148 2ESST
- Various I/O
 - 2ch Gigabit Ethernet
 - 1ch serial port
 - 2 slot PMC
 - 1 slot XMC
- Form Factor
 - 6U VME form factor
- OS
 - VxWorks6.x
 - Linux2.6.x
- RoHS
 - Compliant



■ Block Diagram ■



■ Specifications ■

| | | |
|-----------------|----------------|-------------------------------------|
| CPU | Processor | Freescle MPC8572E |
| | Clock | 1.5GHz |
| Memory | Main Memory | DDR2 SDRAM ECC support (1GB or 2GB) |
| | Boot Flash | 64MB |
| | EEPROM | 4kbit |
| | MRAM | 512kB |
| Front Panel I/O | Ethernet | 10/100/1000 BASE-T × 2 |
| | Serial Port | RS232C serial port × 1 |
| On-board I/O | CF socket | 1slot |
| | RTC | Connected to I2C, Battery backup |
| | WDT | Implemented in CPLD |
| | PMC | 2slot 32bit 33/66MHz 3.3VIO |
| | XMC | 2slot, x4 PCIe + x1 PCIe |
| | PCI-VME Bridge | VME64x |
| Power Supply | | DC5V (DC±12V is used in PMC only) |
| Form Factor | | 6U size, Single slot width |

Note: Specifications are subject to change without prior notice.



www.advanet.co.jp email: sales@advanet.co.jp

Headquarters

616-4, Tanaka, Kita-ku, Okayama 700-0951 JAPAN

Tokyo Branch

KDX Kaji-cho 4F, 3-5-2 Kanda Kaji-Cho, Chiyoda-ku, Tokyo 101-0045 JAPAN



TEL +81-86-245-2861 FAX +81-86-245-2860

TEL +81-3-5294-1731 FAX +81-3-5294-1734