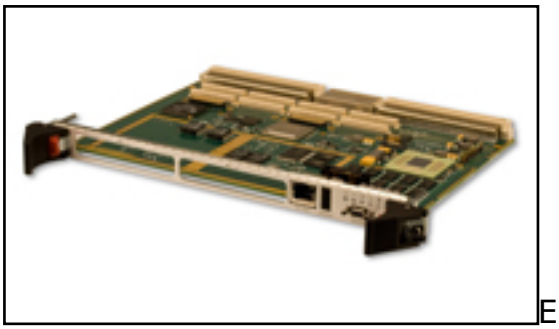
Six-U VME Module Features Freescale MPC 8640D



Extreme Engineering Solutions is shipping XCalibur1331, a conduction- or air-cooled, 6U VME solution featuring Freescale Semiconductor's dual-core MPC8640D processor. The module is suitable for ruggedized systems requiring high bandwidth processing and low power consumption. The 8640D performs with AltiVec technology and IEEE dual-precision floating point. Additional features include two channels of up to 4 GB of DDR2-533 ECC Memory with ECC, up to 4 GB of NAND flash and 256 MB of NOR flash with redundancy, two PrPMC/XMC slots, four Gigabit Ethernet ports, three USB 2.0 ports, one SATA 3.0 Gb/s port and a 2eSST VME interface.

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