SBS Technologies, Inc.

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CK5 - Rugged 6U CompactPCI PPC Single Board Computer

CK5 is a rugged 6U CompactPCI single board computer with a high-performance processor, system bus, memory bus speeds, and system memory capacities.

The CK5 hosts the PPC G4 MPC7447A processor with core processor speeds up to 1 GHz and 512 KB of onboard L2 cache. The MPC7447A processor is supported with a 167 MHz MPX system bus.

The CK5 includes a high-speed DDR SDRAM controller with 167 MHz interface, multiple 10/100BASE-TX Ethernet MACs, and two 64-bit PCI bus interfaces. It also includes two MPSC ports. The CK5 offers DDR SDRAM of 256 MB, 512 MB, and 1 GB.

Each of eight programmable GPIO ports with independent interrupts can be programmed for direction, polarity, and masking.

FEATURES:

- MPC7447A G4 host processor with 512 KB on-chip L2 cache
- MV64460 PowerPC system controller (Discovery III) bridge chip
- 10/100BASE-T Ethernet port to backplane (convection- and conduction-cooled versions)
- The CK5 hosts two IEEE1386.1 PMC sites for expanding I/O capability with WAN or LAN I/O
- Offered as a ruggedized conduction-cooled processor card and also in a convection-cooled configuration
- Two RS-232, four RS-422, and two USB 2.0 ports

For more information, contact: info@sbs.com

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