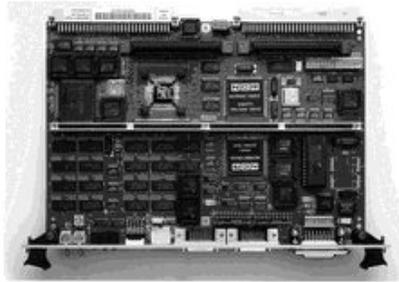# SPARC CPU-3CE

Economical combination of performance and flexibility

Benefits

- SPARCclassic performance for entry-level systems
- VME reliability and expandability
- Choice of 10,000 commercially available software packages
- Faster time to market through software development savings
- Compatibility with full line of FORCE SPARC offerings for software investment protection
- Extra SBus expansion slot for maximum design flexibility
- Choice of hundreds of SBus expansion cards for specialized functions

The SPARC CPU-3CE is the ideal platform when your customers require SPARC workstation performance in a compact and economical package. It combines the performance and functionality of Sun Microsystems' SPARCclassic workstations with the ruggedness and expandability of an industry-standard, single-slot 6U VMEbus board.

The SPARC CPU-3CE gives you great flexibility for designing specialized embedded applications. It supports the popular Solaris operating environment, so you have more than 10,000 ready-made software applications to choose from. It provides connection for all the I/O devices you would expect of a SPARC workstation, including floppy disk drives, fast SCSI drives, parallel, serial communications controllers, keyboard and mouse, and an Ethernet network interface. The SPARC CPU-3CE also provides two standard SBus slots so that you can take advantage of the hundreds of expansions cards on the market for video, graphics, networking, manufacturing and process control, engineering or scientific instrumentation, or many other functions.

Like all FORCE SPARC VME products, the CPU-3CE is compatible with our previous generations of SPARC CPU boards. This backward compatibility protects you from costly and time-consuming software changes when you want to scale up your designs from our SPARC CPU-1E or CPU-2CE products.

Feature highlights

- 100% compatibility with Sun SPARCclassic family and Solaris 1.x and 2.x operating environment
- 40-MHz microSPARC processor
- Performance ratings:
  - 21.1 SPECint92 and 16.8 SPECfp92
  - 47.3 MIPS
  - 3.7 MFLOPS

- 8 to 64 MByte on-board DRAM
- 1 MByte on-board User Flash EEPROM
- Two standard SBus slots for I/O expansion
- 32-bit VMEbus interface, compatible with SPARC CPU-1E and CPU-2CE
- Rugged single-slot 6U VMEbus board with stiffener bars