

CPCI/C6400

- Up to four 200 MHz TMS320C6201 DSPs and a single Motorola MPC860 PowerQUICC™ control processor for real-time control and data management
- Lucent ambassador T8100 TDM switch provides ECTF H.110 compliant interface to CPCI based line cards
- Optional quad T1/E1 PMC
- 10/100 Base T Ethernet connection for high performance link to standard local area network
- Single PMC site
- Well-suited to deployment in telecommunications and communications processing applications



FACT	Framework Architecture for Communication Technologies - High-Level software application interfaces and resource management system for DSP elements of telecom systems
Generic C/C++ host Interface Library (genrHL)	The Generic Host Interface Library GenrHL allows you to communicate easily with Blue Wave's C6000 DSP hardware from a host application. It is a library of C/C++ functions that removes the need for detailed knowledge of the interface between the host and the DSP board, enabling you to concentrate on adding value to your applications
C6000 DSP Utility Library	The DSP Utility Library contains a set of portable C functions that can be used in your DSP based application code which run on the C6000 processor
NVRAM Programmer	The NVRAM programmer is a host-based command line tool that allows you to easily erase, program and read on-board non-volatile memory
Device Drivers	Device drivers available for Windows NT, Solaris and VxWorks
VxWorks BSP for MPC860T	This BSP enables the GenrHL host interface library to run on the MPC860T giving the control processor the same functionality as the Compact PCI host
Code Composer Studio	Fully integrated suite of easy-to-use DSP software development tools' C6000 C compiler, assembly optimizer, linker and debugger with the Code Composer Integrated Development Environment IDE, DSP/BIOS and Real-Time Data Exchange RTDX™ technologies
Code Composer Studio Plug-ins	Code Composer Studio configuration tool. NVRAM programmer plug-in for Code Composer Studio