SBC6713e

SBC6713e is a high-performance, flexible, standalone DSP board with Ethernet connectivity, loaded with I/O peripherals. Built around the powerful, C-friendly, 300 MHz floating-point C6713 DSP, it is a fully open platform with 15+ off-the-shelf OMNIBUS I/O modules available that provide a wide choice of A/D and D/A and also support simple EMIF bus interface to custom I/O daughter cards. TCP/IP is running on a dedicated DM642 coprocessor to preserve the C6713 for user code and other peripheral controls. System-level integration is facilitated with onboard digital I/O, DDS time base, external clock input, multicard sync, FPDP port data links, 2 MB flash ROM, and watchdog.

FEATURES:

- 300 MHz TMS320C6713 DSP (floating point)
- Two OMNIBUS I/O expansion sites
- 10/100 Ethernet, RS-232 port
- FPDP data port to 200 MBps
- Capable of 100 percent standalone operation
- 600K gate Spartan-IIIE for user code (optional)

For more information, contact: sales@innovative-dsp.com

iNAV® 31K

The iNAV® 31K AdvancedMC Carrier Card is a flexible, high-performance addition to next-generation systems. It meets the needs of a wide variety of applications in AdvancedTCA 3.1 systems, including I/O, processing, and storage. The iNAV 31K allows the creation of a subsystem on a blade by combining PrAdvancedMC, I/O, AdvancedMC, etc. on a carrier. Optional configurations allow the 31K to be customized to meet specific solution requirements. In addition, the 31K supports AdvancedMC.1, AdvancedMC.2, and AdvancedMC.3 specifications. Key applications include: GGSNs, HLRS, soft switches, SGSNs, media gateways, BSCs/RNCs, audio and video service platforms, routers, wireless base stations, and IP Multimedia Subsystems (IMS).

FEATURES:

- Flexible AdvancedMC carrier with both PCI Express (AdvancedMC.1) and Gigabit Ethernet (AdvancedMC.2) interconnect
- Supports four mid-size AdvancedMCs or up to two double-width AdvancedMCs
- Powerful Linux®-based board management computer
- Supports 10 Gigabit Ethernet link(s) to the AdvancedTCA fabric, as well as base interface links
- Supports APS for optical I/O cards