

Surf Communication Solutions, Ltd.

495 Old Connecticut Path, Suite 320 • Framingham, MA 01701

Tel: 866-644-3379 • Fax: 508-405-4442

www.surf-com.com**SurfRider/AMC**

The SurfRider/AMC is a fully integrated full-/half-height AdvancedMC DSP resource board providing heavy-duty processing capabilities for developers of telecom, military, medical, and other processing-intensive applications. Its unique modular design, which supports up to eight DSPs of various types, is coupled with Surf's patent-pending Open Framework design, which allows seamless integration of user-defined and proprietary algorithms. The SurfRider/AMC supports Surf's telecom-ready media processing software, which provides extensive audio, video, fax, and modem processing capabilities. These include transcoding, streaming, and conferencing.

The SurfRider/AMC has been preintegrated with leading carrier manufacturers' products, such as AdvancedTCA carrier boards and MicroTCA platforms.

**FEATURES:**

- Exceptional processing power: up to eight 32-bit fixed point DSPs, such as C6412 and C6455, running at up to 1 GHz
- Provides 64 MB SDRAM per DSP (64-bit access at 133 MHz) and enhanced DMA channels for peripherals
- Preintegrated with a number of leading carrier manufacturers products; can be mounted on AdvancedTCA and MicroTCA
- Integrates with Surf's telecom-ready media processing SW, with 3G-324M for 3G mobile network apps development
- Supports standards-based PICMG SFP iTDM protocol over GbE for transporting audio, video, and data signals
- Meets AMC.0; AMC.1; AMC.2; AMC.3; AMC.4, and all associated interfaces, plus iTDM

For more information, contact: surf@surf-com.com.RSC #15102 © www.compactpci-systems.com/catalogrsc