

Press-Release
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FOR IMMEDIATE RELEASE

1879BA1T MIL-1553B Interface Terminal and PCI Evaluation Board

Moscow, Russia, May 17, 2005 - Research Center Module (RC Module) announces today new 1879BA1T MIL-STD-1553B Interface Terminal Application Specific Integrated Circuit (ASIC) and MB2614 PCI MIL-STD-1553B Interface Module.

1879BA1T MIL-STD-1553B Interface Terminal provides with complete, flexible interface between host processor and MIL-STD-1553B redundant data bus via external transceivers, implementing Bus Controller (BC), Remote Terminal (RT), Monitor Terminal (MT) or simultaneous RT/MT modes. 1879BA1T integrates encoder/decoder, complete BC/RT/MT multi-protocol logic, interrupt logic, control logic, memory management and processor interface logic, and 4K words of internal buffered SRAM. 1879BA1T has an access to 64K words of external SRAM in DMA mode.

MB2614 PCI MIL-STD-1553B Interface Module – a low-cost solution for fast prototyping of embedded systems with MIL-STD-1553B redundant channel on PC. It has one 1879BA1T Interface Terminal, 512x16-bit external SRAM, dual redundant channel transceiver and PCI host interface. MB2614 is designed for evaluation and testing of real-time control system software at avionics and other mission-critical application. MB2614 can be supplied with software development tools including a run-time library, GUI based BC/RT/MT Validation Test Plans software and a driver for Windows 95/98/NT/2000.

1879BA1T MIL-STD-1553B Interface Terminal ASIC and MB2614 PCI MIL-STD-1553B Interface Module have successfully passed all tests to compliance with MIL-STD-1553B requirements at S.P.Korolev RSC Energia test house (Russia).

1879BA1T Interface Terminal chips and MB2614 PCI boards will be commercially available in the third quarter of year 2005.

The Research Center Module (www.module.ru) is a leading Moscow-based fabless semiconductor company which designs high-end RISC/DSP processor architectures, embedded computers and application software for video image processing, DSP and artificial neural networks. RC Module also provides system and ASIC/SIP design services to a variety of telecommunication and computer-related OEM manufactures.

The RC Module's DSP and real-time video-image processing products include:

- 1-64 bit NM6403 RISC/DSP processors and cores
- 1879BM3 a high-performance mixed-signal Digital Signal Memory (DSM) SoC
- BM1 PCI/CompactPCI Video Image Processing (VIP) Development Set
- "TrafficMonitor" System for ITS applications.

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