

**For immediate release !**



## **N.A.T. offers DSP telecommunication processing board as ideal solution for voice or data computation**

**Sankt Augustin, Germany** – September 23, 2005 - N.A.T. the specialist in high performance connectivity products for data and communication solutions today introduces the powerful Blackfin DSP based PMC module NPMC-DSP – a multi-purpose telecommunication resource board in PMC (PCI Mezzanine Card) form factor.

The NPMC-DSP is targeted at Telecom applications with extensive need for voice or data computation. The module is designed to process standard telecom algorithms like voice/data compression/decompression or DTMF detection/generation.

It is equipped with eight Analog Devices Blackfin ADSP-BF535P Digital Signal Processors, specially designed for communication applications. It operates at 350MHz core frequency with individual 32MB SDRAM memory available for each of the DSPs offering space and power for sophisticated DSP Algorithm.

Beside special DSP cores from N.A.T. Analog Devices and other third parties offer cores for most commonly used applications.

Being capable of handling individual timeslots within a TDM stream selected from the H.110 backplane the NPMC-DSP is an ideal solution for any voice/data application in any signalling or VoP solution such as in ISDN, SS7, ATM, VoIP or 3G environments.

### **About N.A.T.**

N.A.T. offers a wide product range in data and telecommunication for bus-standards and industrial systems as CompactPCI, PMC, PCI, VMEbus, Industry Pack, M-Modules and many others. This product offering is completed by various software protocol stack solutions in the area of local and wide area network protocols, which are adapted to the different hardware platforms of N.A.T.. For more information visit N.A.T. web site at: [www.nateurope.com](http://www.nateurope.com).

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