



30th January 2003

MEDIA RELEASE

CALYPTECH ANNOUNCES 16,384 CHANNEL NON-BLOCKING TDM SWITCH IP CORES

MELBOURNE, Victoria. Calyptech announce the introduction of their new TDM Switch Core targeted at telecommunications applications. The cores are designed for use in small- to medium-sized multi-service access platforms, IP PBXs, integrated access devices, small routers, data/voice multiplexers, digital loop carriers, and computer-telephony integration systems.

The Core is available in two versions, a unidirectional and bidirectional switch. Each version is capable of performing non-blocking switching on 32 input streams, at a maximum rate of 32.768Mb/s per stream, providing a total of 16,384 channels. Each stream consists of 512 channels (timeslots). The target technology is either Xilinx Virtex-II or Virtex-II Pro. The TDM switch offers symmetrical data mapping in the bidirectional mode.

The datasheet for the Unidirectional TDM Switch and the Bi-directional TDM Switch can be found on the Calyptech website.

"The sophistication offered in FPGA Technologies currently available, gives the system integrators an alternative to the Application Specific solutions offered by the Semiconductor companies, in contexts where the solution needs to be tailored to the specific product needs" stated John Maher, CEO of Calyptech "... FPGA technology, coupled with flexible and sophisticated logic cores, offer the ultimate flexibility in defining the end system. Calyptech offer services that cover the full development requirements for these systems, including IP Core design and board design"

Full source and/or logic netlists are available, together with the Testbench and comprehensive datasheets.

About Calyptech

Calyptech (www.calyptech.com) is a leading provider of innovative technological solutions. Offering both customised products and design services, Calyptech have a proven track record in addressing difficult technical challenges in a range of telecommunications industry segments globally, including semiconductor, networking and data security. Focused on customer success, Calyptech work in close partnership with their diverse client base, applying world class expertise in Radio Frequency, Analog, Digital Signal Processing,

and high speed digital systems design, in order to deliver the most optimal solutions, ensuring reduced risk and faster time-to-market for the client.

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Contact:

CALYPTECH

Dr. Shane Tonissen

Chief Technology Officer

Ph. +61 3 9455 1290

Fax. +61 3 9459 9966

Email: shane.tonissen@calyptech.com