

Press-Release
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FOR IMMEDIATE RELEASE

***New!* - NeuroMatrix® TM-PCI-4/8 “TrafficMonitor” System for Desktop PC**

Moscow, Russia, February 10th, 2003 - Research Center Module announces TM-PCI-4/8 - the newest member of a TrafficMonitor System family, a real-time system for road monitoring and measurements of the following traffic characteristics:

- number of vehicles passing through each lane;
- average vehicle speed;
- occupancy of each lane;
- traffic jam detection per each lane;
- average distance between vehicles per each lane;
- classification of vehicles within 5 classes.

TM-PCI-4/8 is based on a BM1P PCI Video Image Processing (VIP) Development Set. The data source is a multiplexed video signal, coming from several **video cameras (up to 8)** mounted on poles over or at the wayside. All data processing is performed on BM1P. In comparison with the previous version, TM-PCI-4/8 has **optimized software algorithms** that allow decreasing the number of NM6403 DSP for data processing from 4 to 2. The traffic information can be obtained via PCI bus or RS-232/485 communication port.

TM-PCI-4/8 has a several **advantages** for system integrators:

- usage of existing b/w CCTV cameras;
- only two NM6403 DSPs per one video camera;
- low power consumption;
- low cost;
- intelligent management of:
 - *traffic lights;*
 - *tunnels;*
 - *parking;*
 - *roadside parking for supersize trailers.*

The first samples of TM-PCI-4/8 will be presented at the “embeddedworld2003 Exhibition&Conference” on 18th - 20th of February 2003 in Nuernberg, Germany, Booth No. 12-113.

TM-PCI-4/8 will be commercially available in the second quarter of 2003.

About RC “Module” (www.module.ru): RC Module 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 OEM manufacturers.

RC Module's NeuroMatrix® product family includes:

- 1-64-bit NM6403 RISC/DSP processors and cores, Software Development Kit and video-image processing libraries;
- Broad range of DSP boards and real-time application software;
- Car Collision Avoidance System;

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