

Scaling Advanced OTN Networks from 1 to 100 Gig

AppliedMicro News

February 2011

AppliedMicro to Demonstrate Advanced OTN Solutions at OFC/NFOEC 2011

AppliedMicro will be appearing at the Los Angeles Convention Center March 8-10 to highlight a full slate of advanced new optical transport solutions.

The products being demonstrated will include:

- **TPOT414 100G Transponder:**
First OTN standard device with transport of 100GE over OTN
- **PQx 10G Multi-Service OTN Framer & Tri-FEC:** The industry's highest density, lowest power 10G/40G Optical Transport Network (OTN) framer/PHY
- **TPO124 OTU2 Muxponder:**
First OTN standard device with ODU0/ODUflex support

AppliedMicro will also be demonstrating its APM86290 PACKETPRO™ multicore processor. With integrated power management, failover protection and security features, the APM86290 is ideal for high availability data center applications.

In addition to these demonstrations, AppliedMicro staff will be on hand to talk about some late-breaking developments.

[—o Learn More](#)

[CLICK HERE TO FIND OUT HOW YOU CAN RECEIVE A FREE EXHIBITS PLUS PASS TO OFC/NFOEC 2011](#)

Upcoming Events

OFCNFOEC 2011

THE FUTURE OF OPTICAL COMMUNICATIONS IS HERE

Los Angeles Convention Center, Los Angeles, CA
Technical Conference March 6-10, 2011
Exposition March 8-10, 2011
Corporate Village Booth #1453

Join AppliedMicro as we preview the optical solutions, technology and trends that are driving the future of telecom and datacom.

[—o Learn More](#)

AppliedMicro Systems Architect Authors Article on MutliCore Processors for EDN Magazine

Satish Sathe, senior systems architect at AppliedMicro, delved into the challenges and opportunities presented by multicore processors in the January 20, 2011 edition of *EDN* magazine. Sathe explores how the queue- and traffic-management techniques proven in network communications can be used to manage the complex and numerous interactions within a multicore SoC (System on a Chip). In addition, he explains how virtualization of on-chip resources can be leveraged to:

- Reduce Design Complexity
- Improve Application Efficiency
- Maximize Performance

[—o Read the Article](#)

AppliedMicro Demonstrations Now Available Online

Demonstrations of AppliedMicro's most exciting new products are as close as your PC. Visit apm.com for online video demonstrations of:

- AppliedMicro Processors for NAS Solutions
- AppliedMicro Network Processors for High-End Wireless Access Points
- AppliedMicro 3x3 .11n Wireless Access Point Reference Design

[—o Watch the Videos](#)

Abatron Adds On-chip Debugging Support for the AppliedMicro APM86290 Family

The Abatron BDI family of high-speed BDM and JTAG debug tools is an internationally recognized resource for development and production across multiple industries. Abatron AG has just announced that its entire BDI family — the BDI1000, BDI2000 and BDI3000 — will now fully support the AppliedMicro APM86XXX series. This support will include enhanced on-chip debugging and control of these SoC (System on a Chip) devices to facilitate both hardware and software development.

[—o Learn More](#)

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