

Hall-Stand 9-229

Data Respons: versatile Atom N450 based COM Express module

Data Response announced the COMX-ATOM-420 from Emerson Network Power, a 95 x 125 mm Type 2 COM Express module based on the Intel Atom processor N450 for low power consumption and improved performance. It is designed for use in a variety of applications, such as industrial control, kiosks, clinical display systems, panel PCs, diagnostic and test equipment and other applications that require easy-to-use embedded PC functionality.

[News ID 13200](#)

Hall-Stand 10-325

Lauterbach: debug probe for TI MSP430 microcontrollers

Lauterbach has launched a new high performance debug probe for Texas Instruments 16-bit microcontroller family MSP430. MSP430 is now supported by Lauterbach's TRACE32 PowerDebug for both the Spy-Bi-Wire and 4-Wire JTAG interface. This added support brings a mature high end debugging solution to MSP430 from Texas Instruments. The tools can be connected to either Windows or Linux

hosts via USB 2.0 or Ethernet 10/100/1000. The TRACE32 PowerView software includes a very efficient and user friendly HLL debugger for C and C++ as well as awareness for real-time operating systems. A flash programming tool for the internal flash is included. All TRACE32 PowerTools comply with the RoHS directive.

[News ID 13199](#)

Hall-Stand 12-402

Ledato: ARM9 single board computer with Linux

Ledato has released NanosG20, a universal Linux computer that consumes just 200 milliwatts during normal use. Its diverse interfaces allow you to connect Nanos quickly and efficiently into its environment and offer a wide variety of usage scenarios. The full-fledged Debian Linux ensures a comfortable environment and direct access to common Linux software like Samba, Apache and other powerful network applications. Nanos uses a modern Linux core with support for numerous USB devices like WLAN-USB, Bluetooth USB mass storage and much more.

[News ID 13167](#)

Hall-Stand 12-322

ADI: industrial application design challenges at embedded world

Analog Devices turns its design and applications engineering expertise toward solving the challenges facing industrial instrumentation equipment, such as electrical isolation, wireless connectivity, measurement and control, at embedded world 2011. ADI will be joined by embedded systems developer **Bluetechmix** and distribution partner Arrow Electronics. The demonstrations at the ADI booth will include: Industrial Communications: Robot arm control over an isolated CAN (control-area network) communications bus, using ADI's Blackfin processor and featuring the ADM3053 isolated CAN transceiver. Industrial Field Instruments: High-performance industrial field instruments (transmitter) signal processing solution, including analog front-end interfacing, sensors and complete analog and digital signal processing. Embedded Wireless Networking: Using ADI's new ADuCRF101 radio SoC with a sub-1 GHz integrated transceiver and an ARM Cortex M3 microcontroller, this demonstration will show the transmission of various packet payloads specific to the energy and home automation application areas.

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