

THE WALL STREET JOURNAL.

PRESS RELEASE | December 3, 2013, 1:05 p.m. ET

UBM Tech Announces the 2013 EDN Hot 100

Names the Electronics Industry's Most Significant Products of the Year

SAN FRANCISCO, Dec. 3, 2013 /PRNewswire/ -- UBM Tech's portfolio of communities for the electronics industry, today announced the 2013 EDN Hot 100, the electronics industry's most significant products of the year based on innovation, significance, usefulness and popularity. The technologies range from ICs and components, to software, test instruments, development tools, and sensors.

"Of the many thousands of products announced during the past year, the EDN Hot 100 are the products that especially caught the attention of our editors and readers. We are pleased to continue the tradition of showcasing these technologies as we celebrate the 20th anniversary of this program," said Rich Pell, executive and chief technical editor, EDN.

The EDN Hot 100 award winners include:

Analog

- Integrated Device Technology: 8T49N28xi programmable universal frequency translator
- Analog Devices: AD7960 18-Bit SAR ADC
- Maxim Integrated: Analog Essentials peripheral modules for FPGAs
- Intersil: ISL70444SEH rad hard op amp
- Texas Instruments: LDC1000 inductance-to-digital converter
- Texas Instruments: LMX2581 frequency synthesizer
- Linear Technology: LTC2378-20 SAR ADC
- Maxim Integrated: MAX31850/1 1-wire thermocouple-to-digital converter
- Techaya: MILTECH 918 ultra-compact 8-port military Gigabit Ethernet switch
- Sendyne: SFP100EVB current, voltage and temperature measurement module
- SiTime Corporation: TempFlat MEMS

Boards & Development Tools

- Enea: Enea Linux 3.0
- Intel: Galileo development board

- Microchip Technology: PIC18F67J94 development board
- element14: Raspberry Pi Model A
- Roboteq: RIO (Raspberry I/O) board
- Altera: SDK for OpenCL
- Thingsquare: Thingsquare Code
- Texas Instruments: TI-RTOS
- element14: XBMC bundle

Components

- Taiyo Yuden: AMK325ABJ337MM multilayer ceramic capacitor
- TE Connectivity: Cloudsplitter connector system
- Vicor: Converter housed in Package Technology
- XP Power: DSF226 active surge protection filter
- Efficient Power Conversion: EPC8000 GaN power transistors
- Coilcraft: LPR6235 Series coupled inductors
- Linear Integrated Systems: LSK489 dual JFET
- Laird Technologies: RWC5353 series WPC-compliant wireless charging coil modules
- Kyocera: Smart Sonic Sound piezo film speaker
- Weller: SP 25 Series LED soldering iron
- Advanced Thermal Solutions: LC-100 thermochromic liquid crystal kit

EDA/IP

- Altium: Altium Designer 14 3-D PCB toolset
- DesignSpark: DesignSpark Mechanical
- DCD: DRPIC166X PIC16 IP Core
- Agilent Technologies: EMPro 2013 3-D electromagnetic simulation software
- Mentor Graphics: FloTHERM XT thermal design software
- Gumstix: Geppetto online embedded computer design tool
- Cadence Design Systems: Spectre XPS FastSPICE simulator

Memory and Storage

- Alliance Memory: AS6C3216 32M CMOS SRAM
- Hyperstone: Hyperstone S8 flash memory controller
- Microsemi: TRRUST-Stor Series 200 solid-state drives

Microcontrollers and Processors

- Intel: 4th Generation Intel Core Processors
- Texas Instruments: 66AK2Hx, 66AK2Ex and AM5K2Ex multicore SoCs

- Analog Devices: ADSP-40x mixed-signal control processor
- Freescale Semiconductor: Kinetis E series microcontrollers
- Fujitsu Semiconductor: MB86R24 graphics SoC
- Microchip Technology: PIC32MZ 32-bit microcontrollers
- Renesas Electronics: RX100 Series ultra-low-power 32-bit microcontrollers
- Atmel: SAM D20 embedded flash microcontroller
- Silicon Labs: Zero Gecko microcontroller

Optoelectronics and Lighting Control

- ams: AS3630 LED flash driver
- Cree: CXA 1520 LED array
- Dialog Semiconductor: iW7011 6-channel LED driver
- Cree: LMH2 module
- OSRAM Opto Semiconductors: Ostar Headlamp Pro
- Littelfuse: Q6008LH1LED/Q6012LH1LED and Q6008LTH1LED/Q6012LTH1LED thyristor power control devices
- Lumex: TitanBrite 2W UV LED
- Texas Instruments: TPS92411 floating MOSFET switch

Power

- Maxim Integrated: 78M6610+PSU/78M6610+LMU single-phase energy-measurement processors
- Power Integrations: DER-340 LED-driver reference design
- International Rectifier: IRS2538DS magnetic replacement ballast IC
- Intersil: ISL8225M power module
- Linear Technology: LT3081 linear regulator
- Linear Technology: LT4320 ideal diode bridge controller
- CUI: PEM series DC/DC converters
- XP Power: SDL400 series AC/DC power supplies
- NXP Semiconductors: TFA9890 audio driver IC
- Touchstone Semiconductor: TS3310 dual output boost regulator

Programmable Logic

- Altera: Cyclone V SoC development kit
- Lattice Semiconductor: iCE40 LP384 FPGA
- Microsemi: IGL002 flash-based FPGAs
- Avnet Electronics Marketing & MicroZed.org: MicroZed Zynq-7000 evaluation kit

Sensors

- Global Specialties: Asuro autonomous multi-sensor robot
- InvenSense: Contextual Awareness System Development Kit
- Espros Photonics: epc600/610 3D time-of-flight camera ICs
- STMicroelectronics: LIS3MDL 3-axis magnetometer
- Peratech: QTC Ultra Sensor
- SiOnyx: SiOnyx XQE image sensors
- ams AG: SL13A and SL900A sensor-enabled RFID tags
- Freescale Semiconductor: Xtrinsic intelligent sensor hub

Test & Measurement

- Anritsu: Access Master MT9083x2 OTDRs
- Fluke Networks: AirMagnet Spectrum ES wireless spectrum analyser
- Yokogawa Electric: AQ6150 series optical wavelength meters
- Rohde & Schwarz: ESR26 EMI test receiver
- Agilent Technologies: InfiniiVision 4000 X-Series DSOs
- Keithley Instruments: Model 2450 source measure unit
- Agilent Technologies: N9322C spectrum analyzer
- Tektronix: PA4000 power analyzer
- Pico Technology: PicoScope 9300 PC sampling oscilloscope
- Adlink Technology: USB-2405 signal-acquisition module

Wireless & Networking

- Analog Devices: AD9361 RF Agile Transceiver
- Broadcom: BCM4390 Wi-Fi SoC
- Nuand: bladeRF software defined radio (SDR) platform
- Microchip Technology: BodyCom Development V1.0 Framework
- EnOcean: EnOcean Pi wireless module
- Linear Technology: LTC4120 wireless power receiver/battery charger
- NXP Semiconductors: NTAG21xF Near Field Communication (NFC) tags
- Open Source RF: RFduino Arduino-compatible wireless enabled MCU
- DecaWave: ScenSor DW1000 RF transceiver
- Texas Instruments: SimpleLink Wi-Fi CC3000 module

The complete list of EDN's Hot 100 products can be found online at <http://www.edn.com/electronics-products/other/4424564/EDN-Hot-100-products-of-2013>.

For more detailed information, companies with EDN Hot 100 products should contact Joy Daniels, Marketing Director, Electronics at UBM Tech at joy.daniels@ubm.com or 415.947.6314 415.947.6314 FREE .

About EDN

EDN is an online community designed for electronics design engineers, developers, and industry-related management. EDN provides engineers with the technology trends and design-how-to information they need to keep pace in this fast-paced environment, as well as the networking, contacts, mentoring, and peer-to-peer knowledge opportunities needed to take an idea from concept to reality.

About UBM Tech

UBM Tech is a global media business that brings together the world's technology industry through live events and online properties. Its community-focused media and events provide expertly curated content along with user-generated content and peer-to-peer engagement opportunities through its proprietary, award-winning DeusM community platform. UBM Tech's brands include EE Times, Interop, Black Hat, InformationWeek, Game Developers Conference, and DesignCon. The company's products include research, education, training, and data services that accelerate decision making for technology buyers. UBM Tech also offers a full range of marketing services based on its content and technology market expertise, including custom events, content marketing solutions, community development and demand generation programs. UBM Tech is a part of UBM (UBM.L), a global provider of media and information services with a market capitalization of more than \$2.5 billion.