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Maxim EE-Mail
New Product Announcements

DS2784

1-Cell Stand-Alone Fuel Gauge IC with Li+ Protector and SHA-1 Authentication

Industry's First Complete Fuel Gauge Solution to Integrate a 1-Cell Li+ Protector and SHA-1 Authentication System

-Saves space by placing several functions such as the fuel gauge, single cell Li+ protector, and authentication into a single IC

-Simplifies development by integrating the fuel-gauge algorithm on-chip

-Enables the battery pack to meet IEEE 1725-2006 safety, identification, and authentication requirements

More: <http://www.maxim-ic.com/DS2784>

MAX2165

Single-Conversion DVB-H Tuner

Single-Conversion DVB-H Tuner with On-Chip Cellular Blocking Filter and UHF Tracking Filter

-Saves space

-Features low power consumption

-Provides low-cost solution

More: <http://www.maxim-ic.com/MAX2165>

Industry's First Production-Ready, Single-Chip, 2.3GHz to 2.7GHz
WiMAX RF Transceiver Saves Over 50% BOM Cost

Maxim Integrated Products (NASDAQ: MXIM) introduces the MAX2837, the industry's first single-chip WiMAX RF transceiver in high-volume production. Designed using a zero-IF architecture, this transceiver requires neither a costly SAW filter nor extra VCO circuitry, both of which are needed by existing superheterodyne solutions. As a result, the MAX2837 saves over 50% BOM cost, and significantly reduces component count and board space. Specifically defined for OFDM-based non-line-of-sight (NLOS) wireless broadband radio systems that operate in the 2.3GHz to 2.7GHz band, the MAX2837 is ideal for 802.16d/e fixed and mobile WiMAX, dual-mode WiMAX/Wi-Fi, Korean WiBro, and future 4G LTE systems.

More: http://www.maxim-ic.com/view_press_release.cfm/release_id/1335

MAXQ3100

Mixed-Signal Microcontroller with Analog Comparators, LCD, and RTC

Industry's Best MIPS/MHz 16-Bit RISC μ C Integrates FLL, RTC, and LCD

-Integrated FLL allows a single 32kHz crystal to supply both the RTC and the microcontroller

-Large LCD driving capability: 160 segments

-Temperature sensor and RTC enables very accurate timekeeping

More: <http://www.maxim-ic.com/MAXQ3100>

Attending NEXComm?

Visit Booth 7115 to Learn About the First TDM-over-Packet Converter with Integrated Framers and LIUs

The soon-to-be-released DS34T108 allows up to 40% lower cost, compared to competing multichip solutions. This device enables up

to eight E1/DS1 ports or frame-based HDLC links to be transported transparently through an Ethernet, switched-IP, or MPLS packet network. On-chip hardware resources manage TDM traffic and clock recovery with minimal CPU assistance, providing simple, low-cost, end-to-end synchronization through an Ethernet/IP/MPLS network.

Learn more: <http://www.maxim-ic.com/NewDS34T108>

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