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Welcome to our March edition of Braemac Product News.

Multi-Tech Shows Wi-Fi® Module for Embedded Applications:

SocketWireless® Wi-Fi® Module is Part of Universal Socket Connectivity Initiative

Multi-Tech® Systems, Inc., a leading telecommunications and data communications technology company, has released its new 802.11b wireless networking embedded modules. The new Wi-Fi modules are for designers needing a fast and efficient means of adding Wi-Fi connectivity to their applications.

The SocketWireless® Wi-Fi® device server connects serial devices to an IP network via 802.11b wireless networking. It enables you to build wireless networking into virtually any device allowing for remote monitoring, control and configuration. The space efficient module (1" x 2.5") integrates a complete TCP/IP protocol stack, and can make your existing and next generation device, machine or system, IP-ready while you focus on developing its core features. In addition, it utilizes Multi-Tech's universal socket design.

The new SocketWireless Wi-Fi embedded modules, model MT800SWM and MT800SWM-L, are ready-to-integrate and space-efficient (1" x 2.5") devices that are 802.11b compliant, integrate a complete TCP/IP protocol stack, and include a selectable-speed serial interface. The new 5V MT800SWM and 3.3V MT800SWM-L are RoHS (Restriction on Hazardous Substances) compliant.

"The new 802.11b modules provide an efficient and cost-effective means to add Wi-Fi communications to any application needing wireless connectivity," states Chip Harleman, Vice President of Sales and Marketing for Multi-Tech Systems, Inc. "These new modules add wireless connectivity options to our existing Universal Socket family that encourage designs tailored to accommodate multiple voice and data communications requirements. The 802.11b modules are designed to handle data communications for OEMs needing to remotely monitor equipment over Wi-Fi networks. By making the modules part of the Universal Socket Connectivity initiative, they add one more communications technology option developers have available using Multi-Tech's own Socket footprint. Now, OEMs can easily offer connectivity options such as wired modem, Ethernet LAN, ISDN, cellular wireless, Bluetooth® and 802.11.b simply as a build-option from a single design."

The Multi-Tech SocketWireless Wi-Fi products feature 802.11b functionality, are available in 5VDC (model MT800SWM) and 3.3VDC (model MT800SWM-L) versions, are fully RoHS compliant and offer developer's kits to assist in programming, testing and evaluation. The units support ad-hoc and infrastructure mode, include security using WEP, support serial interfaces DTE speeds to 230K bps, include LED driver outputs and programmable inputs/outputs, use AT commands, and include flash memory for firmware upadina.

upgrading.

For further information, product data sheets and pricing, please contact your local Braemac sales representative.

To find out more visit:

http://www.multitech.com/DOCUMENTS/Families/SocketWireless/WiFi/data_sheets.asp

New super bright LED light source from OSRAM

OSTAR Lighting breaks the 1000 lumen barrier

With its new version of OSTAR Lighting, OSRAM Opto Semiconductors presents its first coldwhite LED to achieve more than 1000 lumen. This means it is brighter than a 50 W halogen lamp, making it ideal for a wide range of applications in the general lighting sector. Samples of the new OSTAR Lighting LED will be produced in the next three months. Market launch is planned for September 2007.

The new LED light source is based on well established components, which means that progress from the development stage to the production stage will be rapid. The enormous increase in brightness is the result of major improvements to the overall system of chip and package. The high-flux LED is equipped with six closely packed 1 mm² high-power chips. This high chip packing density leads to a high luminance. What this means in actual practice is that a single OSTAR Lighting with a 38° reflector is all that is needed to illuminate a desk with more than 500 lux from a height of two meters. OSTAR is also setting new standards in efficiency, producing 75 lm/W from an operating current of 350 mA.

The new OSTAR Lighting LED was developed as part of the BMBF NanoLux program. For further information, product data sheets and pricing, please contact your local Braemac sales representative.

To find out more visit: <http://www.osram-os.com/>

Hitachi Display introduces the TX14D14VM1BAA

Strong optical performance and high, VGA resolution in a compact form factor

Hitachi Display Products Group today introduces the TX14D14VM1BAA as an addition to the current range of 5.7-inch display modules that includes a wide choice of TFT and STN options. The TX14D14 offers customers 640(w)

features an active matrix, transmissive TFT LCD display with a 50,000 hour white CFL backlight. It is available immediately from Braemac.

For further information, product data sheets and pricing, please contact your local Braemac sales representative.

To find out more visit: <http://www.hitachi-displays-eu.com/doc/TX14D14VM1BAA.pdf>

Tyco Electronics introduces the CORCOM SRB

Tyco Electronics has introduced the CORCOM SRB series shielded line filter. This new development has shrunk the typical line filter footprint by roughly 25%. CORCOM SRB series filters employ a complete shield design with a number of capacitance values. Additionally, the SRB series is designed to provide cost effective performance for power supplies and other applications where a minimal footprint and low cost are desired. With varying levels of common mode performance, the SRB line filter allows designers to address conducted emissions concerns and may help to contain radiated emissions as well.

SRB line filters are rated for up to 15A at 250 VAC (10A VDE) and all configurations of the product are available in unfiltered versions, or designers may select from up to eight capacitance values for different application requirements. The SRB can be specified for snap-in or flange/screw mounting. Also, termination options include FASTON terminals, wire leads or pin termination.

For further information, product data sheets and pricing, please contact your local Braemac sales representative.

To find out more visit: <http://www.tycoelectronics.com/prodimages/pdf/SRB.pdf>

Contact Us

For further information, product data sheets and pricing, please contact your local Braemac sales representative. or email info@braemac.com.au

Braemac Pty Ltd
1/59-61 Burrows Road
Alexandria NSW 2015
Tel: 61 2 9550 6600
Fax: 61 2 9550 6377

www.braemac.com.au
info@braemac.com.au

About Braemac

Braemac is Australia's largest electronic component distributor with offices throughout Australia, New Zealand, USA, Singapore, Hong Kong and the UK. Our product offer includes some of the world's most prestigious suppliers including Atmel, Altera, Hitachi (Renesas), STMicroelectronics, Cirrus Logic, Marvell and Wavecom which allows our customers to choose from a wide selection of quality, well recognised components.

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This email was sent by Braemac, 1/59-61 Burrows Road, Alexandria NSW 2015 to
v.tohadze@braemac.com.au