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## Network All Your Industrial Equipment – quickly and easily!



**For demanding factory applications, Lantronix introduces the XPress-DR+™ industrial device server.** The XPress-DR+ enables users to remotely configure, monitor and control PLCs, drives, motion controllers, power equipment, barcode scanners and other serial devices from anywhere over the Net.

A versatile, powerful tool for remote management of automation and assembly/packaging equipment at manufacturing sites, automated distribution centers, refinery plants – or any industrial setting – it provides complete access and control of virtually any type of equipment with a serial port!

Read more at [Lantronix](#)

## The newest generation of quad band GSM/GPRS/EDGE embedded platforms

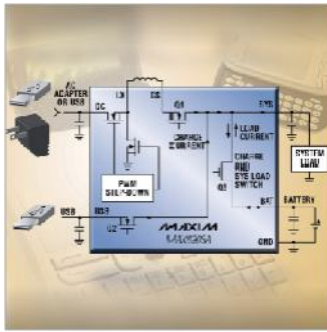


**The Enabler III is a fully certified quad-band OEM module family** that packs complete GSM/GPRS/EDGE functionality into a compact footprint. The embedded software environment enables development of essential capabilities – mobile connectivity and device intelligence – by utilizing built-in rules engine, network router and control and automation capabilities. With power consumption of <2.5mA the Enabler III significantly enhances longer battery life.

The Enabler III is lead-free and RoHS compliant and has GCF, PTCRB and FCC certifications. As with all Enfora products, Enabler III has undergone extensive network interoperability and operator testing.

Read more at [Enfora](#)

## 2A, switch-mode charger reduces heat and charge time for mobile devices



**MAX8903A, a switch-mode DC-DC charger with Smart Power Selector™ circuitry.** The charger employs a high switching frequency (4MHz, typ) to minimize heat and charge time, while allowing the use of tiny external components. To further reduce solution size, the 4mm x 4mm MAX8903A includes all power switches and current-sense circuitry required for charging and switching the load between battery and external power. This device is optimized for rechargeable, 1-cell lithium-ion (Li+) batteries, making it ideal for smartphones, mobile internet devices, portable media players, portable navigation devices, digital still cameras, and ultra-mobile PCs.

The MAX8903A can operate with either separate inputs for USB and AC-adaptor power or from a single input that accepts both. When external power is connected, the Smart Power Selector circuitry allows the system to operate with no battery or a deeply discharged battery.

Read more at [Signalquest](#)

## Low Power SIMPLE™ Embedded PowerPacket™ Modules



**Bel produces a range of single in line modules for low-cost, high-speed in-home powerline communications.** These modules are based on Intellon's baseband ICs and required support circuitry to provide a single component solution for the addition of PowerPacket functionality to a product. The SIMPLE™ (Single Inline Module – Power Line Enabled) family architecture allows pin and function compatible SIMPLE™ modules to be introduced as new ICs are developed to provide improved functionality and/or reduced cost to the customer without requiring redesign of existing products.

Bel's 0804-5000-03-F and 0804-5000-04-F SIMPLE modules are based on the Intellon INT5200 LFBGA that provides both baseband and AFE functions in one package. The host interface to the module can be configured for MII (or GPSI) PHY or MII Host/DTE. The module is optimized for performance in both wall-plug applications and desk top applications using AC or DC line cords. Design is compatible with the Bel 79102x-xx SIMPLE Module family requiring only substitution of the correct coupler to provide improved functionality and reduced cost to the customer without requiring redesign of existing products.

Read more at [Bel](#)

APPLICATION  
NOTES

### Understand Thermal Derating Aspects of PWM ICs to Ensure the Best System Performance ...

More: [http://www.maxim-ic.com/appnotes.cfm/an\\_pk/4456](http://www.maxim-ic.com/appnotes.cfm/an_pk/4456)



[www.cstelectronics.co.za](http://www.cstelectronics.co.za)