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Conexant: ADSL-Wireless Access Point Router Solution

The ADSL - Wireless Access Point Router solution is optimised to address the growing demand for sharing of ADSL access over wireless networks. By integrating an 802.11b MAC and baseband processor, the CX82340 only requires an external radio to complete a cost effective ADSL - Wireless AP Router. The CX82340 not only includes an 802.11b radio interface, but also a 10/100 Mbps Ethernet MAC and a USB interface, enabling a full range of connectivity options and allowing for a full featured solution that can use all interfaces simultaneously. See details at [CX82340ProductBrief](#)

Navman: GPS Solutions at first hand

Navman offers an impressive line of standard, off-the-shelf solutions designed to meet the demanding needs of OEM system integrators worldwide. The product line includes a wide variety of robust GPS navigation receivers and timing modules. They also offer wireless system level solutions that integrate GPS with communication technologies such as GSM/GPRS, Bluetooth and 802.11. To support custom requirements, we offer private labeling and full product development for high volume applications. See details at [NavmanProductRange.pdf](#)

Multitech: Clever and Smart – Multitech SocketModems

Multi-Tech's family of embedded solutions allow OEMs to integrate a wide range of modem functions and analog telephony interfaces into any product platform. The range of products covers all 2400bps up to 56kbps modems, serial or parallel type, for industrial temperature range or medical devices. New members of this rich portfolio are an Internet-Ready IP modem and a Serial-to-Ethernet +IP modem. See [MultitechModemSolution.zip](#) for a full product matrix.

Atmel: AVR AT90S4433, AT90S8515 and AT90S8535 DIE Shrink! Obsolete Notice!

Atmel has replaced three of its old very popular AVR Controller by the new die shrunk versions. The new parts are pin and nearly function compatible. So it should be no problem for your qualification. The replacement part for the AT90S4433 will be the ATmega8, for the AT90S8515 it will be the ATmega8515 and for the AT90S8535 it will be the ATmega8535. Please read all necessary details at [AT90S4433.zip](#), [AT90S8535.zip](#) and [AT90S8515.zip](#). In these .zip files you can find the Obsolete Notice, the new Data Sheet and the Conversion App. Note.

Atmel: Low Cost FPGA EEprom Configuration Memory now from 65 Kbit to 8 Mbit

Atmel has added new devices with 4 Mbit and 8 Mbit density to their current reprogrammable EEprom based product offering from 65K to 2 Mbit. All new devices are Flash based. These devices are especially designed for high gate count FPGAs, because of their excellent price/bit ratio. Please download the [data sheet](#).

Micrel: Transmitter-Receiver Pair → 115kbps Data-Rate at 800MHz-1GHz

The transmitter-receiver pair provides a unique combination of data-rate, low cost, low power and ease of use. The devices are more highly integrated and easier to use than earlier RF ICs. Only hybrid modules provide similar levels of integration; but at much higher cost. Micrel's earlier MICRF003 receiver supports up to 20kbps in the same 800MHz-1GHz frequency band. Many designers asked for the same IC - low cost and ease of use but at higher data-rates - the MICRF005 complies with this conditions. The MICRF005 requires just 3 external components -- two capacitors and a reference oscillator -- to implement a complete RF receiver. Target applications include wireless keyboards, video game controllers, home security, HVAC systems, and home automation. Both devices operate at 5V supply. The MICRF005 consumes 10mA supply current; the MICRF103 consumes 16mA.

Netsilicon: The Net+50-1 Chip is obsolete and will be replaced by Net+50-3!

Here you can download the official [End of Life Letter](#) from Netsilicon. The -1 version will be replaced by the -3 version which has some bugs corrected. Attention! We heard the stock of the -1 version is nearly gone and they might not be able to fulfil all orders. Please place your orders as soon as you can!

FS-Forth: News Low Cost Ethernet Modul with the NS7520 from Netsilicon

FS-Forth and Netsilicon have introduced a new Ethernet module at the Embedded World Show in Nürnberg. The new module is based on the NS7520 with Ethernet interface in combination with 2MB or 4MB Flash. For easy development they offer two Low Cost Starter Kits. One version has Linux and one ThreadX as operating system implemented. Both are available for only 300 Euro. For this price you get the whole SW including some protocols and a board with one module plugged in. You can download more information [here!](#)