

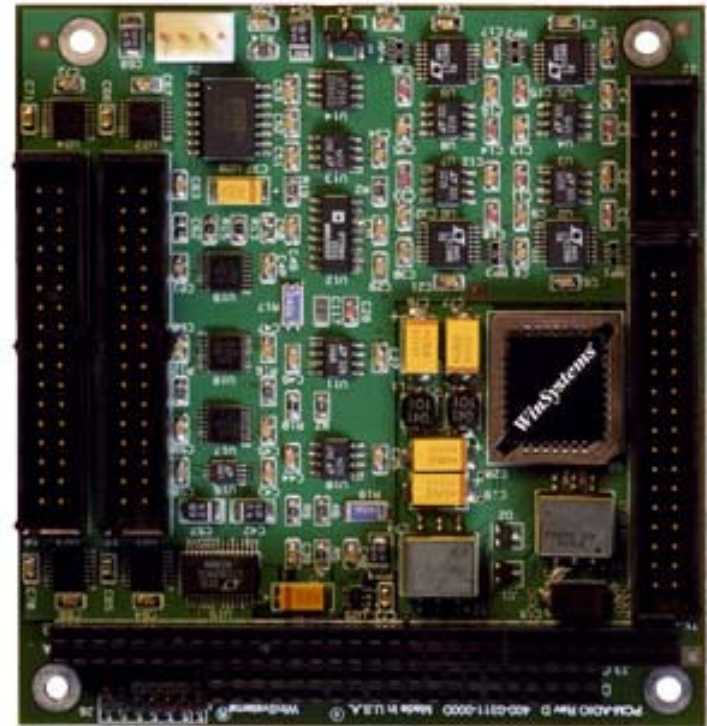
More New Products

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January 28, 2006

Command-based Intelligent Data Acquisition Module

- Onboard processor handles scheduling, mode selection, calibration, and data buffer management
- 16-bit A/D – 8 input ranges
- 4 12-bit D/A
- 16 TTL I/O



GPS Receiver Module and Cellular Wireless Modem

- Lassen low-power GPS receiver
- GSM/GPRS/CDMA support
- Support for wireless module
- Alarm and phone book management



Ethernet Microcontroller

- 16-bit MC9S12NE64 – 25 Mhz
- Embedded 10/100 Mbps
- 8 10-bit A/D
- 4 16-bit timers
- 2 serial, 8K RAM
- SofTec AK-S12NE64-A starter kit and core module



http://www.freescale.com/webapp/sps/site/prod_summary.jsp?code=MC9S12NE64&nodeId=0162468636K100

<http://www.softecmicro.com/products.html?type=detail&title=AK-S12NE64-A>

Temperature and Air Flow Velocity Sensor Board

- -30° to 150°C
- 0 to 50 m/s
- Analog output
- \$657
- RS-232 version controls multiple units



<http://www.qats.com/product.asp?prodid=122&catid=2&subcatid=0>
<http://www.qats.com/product.asp?prodid=123&catid=2&subcatid=0>

Low Cost Microprocessor Core Modules

- RCM3600 and RCM3700
- 256 or 512K Flash & SRAM
- Quadrature encoder inputs
- PWM outputs
- Ethernet I/O for RCM3700
- Dynamic C



<http://www.zworld.com/products/rcm3600/>

<http://www.zworld.com/products/rcm3700/>

Fingertip4

- Credit card size
- USB host capability
- Intel's XScale-based PXA270
- SD card slot
- Parallel and serial



Embedded Modem

- 1" square
- 3.3 volt, TTL serial
- 56 Kbps
- RS-232, PC-104,
and wireless
models available



Digital Touch Sensing Chip

- 6 channels of proximity or touch sensing
- Momentary or toggle modes



USBwiz

- Writes FAT files
- SD or MMC memory
- Built-in TCP/IP protocol
- Serial commands
- Chip (\$30) or OEM board (\$60)



C-Eye – Standalone Vision System

- Logs video to on-board Compact Flash card (FAT file system)
- CMOS Image Sensor (640x480, 320x240), 20 fps nominal rate
- Supports grayscale, 256-color, 24-bit color
- 80186 CPU – 20 Mhz pixel clock
- 10-baseT Ethernet w/ TCP/IP
- RS232/RS485, RTC, Battery
- Numerous digital I/Os



Embedded Wireless Zigbee Modules

- 65,000 channels
- Built-in handshaking and error-handling
- RS-232 interface
- Xbee – 1 mw, 100' indoor range - \$19
- Xbee Pro – 60 mw, 300' indoor range - \$32



<http://www.maxstream.net/products/xbee/xbee-oem-rf-module-zigbee.php>

<http://www.maxstream.net/products/xbee/xbee-pro-oem-rf-module-zigbee.php>

Wireless Data Acquisition System

- Use with strain gauges, accelerometers, temperature, and millivolt level inputs
- Frequency division multiplexing
- USB receivers connected to PCs



<http://www.microstrain.com/agile-link.aspx>

<http://www.microstrain.com/sg-link.aspx>

http://www.microstrain.com/embed-sense_specs.aspx

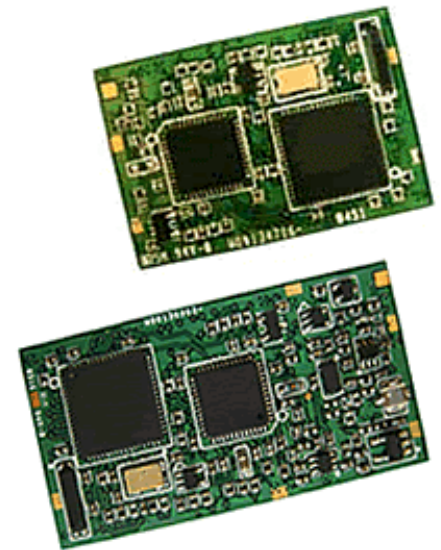
Personal GPS Recorder

- Track Stick records its own location, time, date, speed, heading, and altitude at preset intervals
- 1 Mb memory stores months of data, but batteries last only 5 – 7 days
- Can playback route on a map
- \$250



ZigBee Wireless OEM Modules

- 1 mw and 100 mw boards
- Use virtually any sensor
- Low power
- Low cost
- Small size



Low-Cost Data Acquisition Starter Kits

- RS-232, USB, or Ethernet interfaces
- Comes with WinDaq data acquisition software
- 4 channels, up to 240 Hz acquisition rate
- \$25 and up



Tiny PC

- 800 Mhz fanless PC
- Flash, CF, or notebook disk drives
- Video, ethernet, parallel, serial, keyboard, mouse ports
- Runs Windows XP / Linux
- \$150 in quantity

TK 800Mhz Fanless System

contact: info@ewayco.com



Advanced VIA Nano CPU + CLE266
800Mhz Fanless = PIII 1.3 Ghz CPU
Tiny size 17 x 12.4 x 3.8cm or 5.8cm
Quality but Low Cost: US\$150 qty

Wireless Digital Pen & Mouse

- Captures handwritten notes and sketches on regular paper
- Converts writing to text



<http://www.epos-ps.com/products.asp?pid=1275&ppid=1277>

<http://www.epos-ps.com/inr.asp?pid=1275&ppid=1529>