

Interesting Items

Volume 13

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Caveats

- I came across these products in recent magazines
- I have not bought or used these products
- I do not endorse these products
- I do not know much more about these products

Mini-Joystick

- Bi-axial analog output
- 1.62 x 1.62 x 1.62 inch
- Totally encapsulated



USB Datalogger



- Monitors and records temperature to .1°C at 1 sample per minute
- LCD display
- Magnetic key to activate recording
- 2 year battery life
- 8 Kb or 16 Kb memory \$67 / \$75
- Temperature threshold alarms

Small Form Factor Board

- 48 digital I/O - \$59
- Complement to new VIA EPIA-710 Pico-ITXe single board computer
- Stackable
- 60 by 72 mm



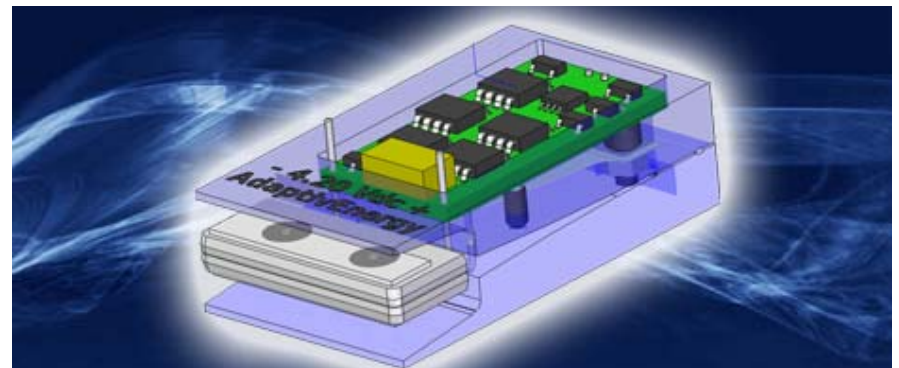
Fingernail Wireless

- Wi-Fi, Bluetooth, GPS, DTV, Wi-Max boards
- 10 by 10 mm
- SPI interface
- Security support – WEP and others



Energy Harvesting Module

- Capacitive or battery storage
- 2.22 by 1.38 by .65 inch
- 3.6 v output
- Energy store depends on frequency & amplitude of motion
- Vibrating beam



Real-Time Clock

- 100na operating current @ 1.5v
- 3 by 3 by 1 mm
- SPI interface
- \$.55
- Fine tuning
- Programmable alarm & timer



Beagle Board

- 3 by 3 inch - \$149
- Real-time pixel-shaded graphics for gaming or 3D user interfaces
- USB-powered
- Open-source development
- DVI / svideo outputs
- Memory card slot
- Stereo audio I/O

<http://beagleboard.org/>



Serial to Wi-Fi Module

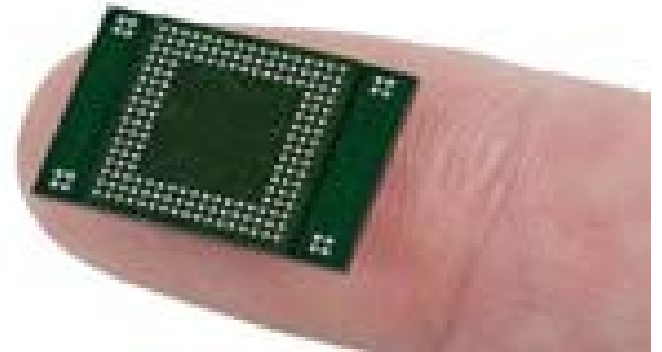
- 31 by 41 mm - \$59
- Supports a variety of sockets including an embedded webserver
- 10 simultaneous socket connections



<http://www.connectone.com/products.asp?did=73&pid=73>

PATA SSD

- 2, 4, 8, and 16 Gb modules
- Low power
- 12 by 18 by 1.8 mm



Touch Screen

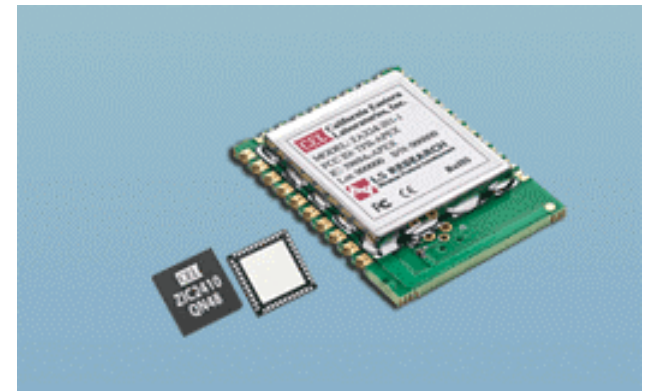
- 4 by 5 by 1.5 inch - \$299
- 489 by 272 pixels
- Wide viewing angle
- No “touch cells”
- 12 – 28 v @ 300 ma



HMI504T with popup windows

ZigBee Modules

- 8, 16, 32-bit processors
- 2000 to 4000 ft range
- Point-to-point, mesh, point-to-multipoint



Wireless MiniCore

- Wi-Fi with WEP and WPA and WPA2
- \$179 for Deluxe Development Kit
- Rabbit 5000 processor @ 74 Mhz
- 1.2 by 2 by .4 inch
- 35 GPIO and 6 serial (SPI)
- Built-in webserver
- 1 Mb RAM and 1 Mb Flash



http://www.rabbit.com/products/rcm5600W/?utm_source=D_ENEWS&utm_medium=EMAIL&utm_content=RCM5600W&utm_campaign=D_ENEWS_021909

Z80 Board

- 50 Mhz core
- Ethernet port
- 24-bit addressing
- Legacy code execution in 64 Kb
- 24-32 GPIOs, 2 UARTS, SPI, I²C, IrDA, WDT, RTC, PWM
- 64-256 Kb flash, 4-16 Kb RAM

