

Interesting Items

Volume 17

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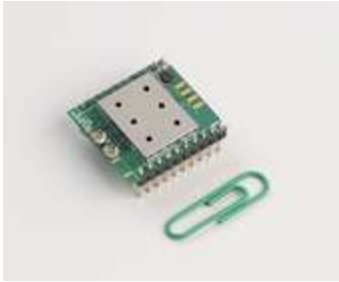
Caveats

- 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 than what is presented

Servo Drives



- Brushless, DC brush, stepper motors
- 21 by 54 mm – 75 watts
- CAN & optional EtherCAT interfaces
- RS232 communication
- Technosoft Motion Language
- Standalone or intelligent slave modes
- Digital and analog I/O
- Encoder and Hall-Effect sensor feedback



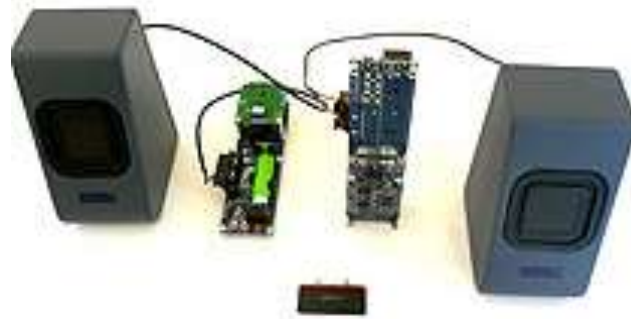
USB WiFi Module



- 802.11b/g/n USB 2.0
- WEP / WPA / WPA2
- Development kit available

Wireless Audio Reference Design

- Battery-operated – AA battery, 40 hours
- Kit includes 2 A1 boards, speakers, transmitter for iPod
- Bluetooth or WiFi
- \$990 kit



Analog & Digital Signal Counter

- Tachometer, event counter, frequency counter
- 100 Khz analog, 4 Mhz digital
- Adjustable threshold voltages
- 24-bit counters
- \$97.50
- USB 3-channel PID module also available

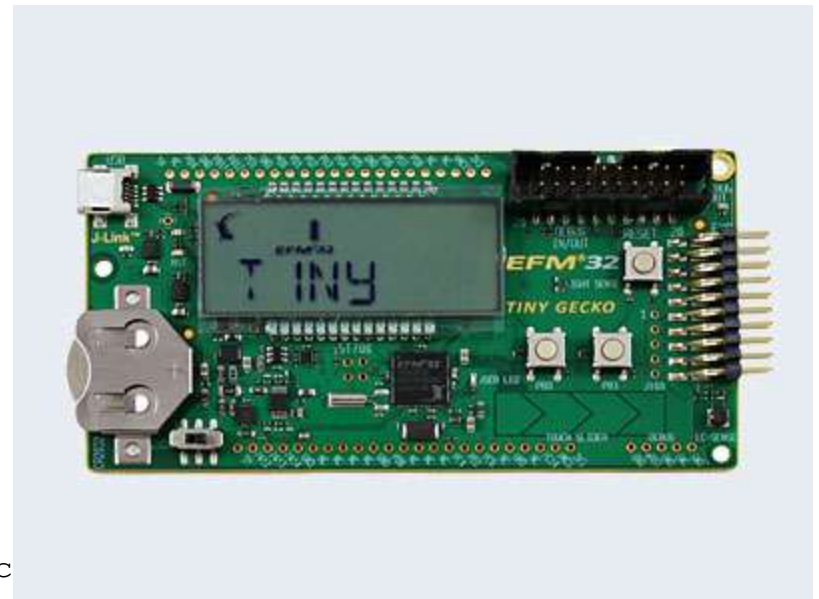


<http://www.cyberdata-robotics.com/USB-Tachometer>

<http://www.cyberdata-robotics.com/USB-PID-Controller>

ARM Cortex Starter Kit

- Low current consumption
- 8 by 20 segment LCD controller
- Wake on Touch capability
- 16 sensor inputs



eZdsp

- TMS320C553x ultra-low power DSP - \$2
- Embedded emulator
- USB 2.0, Code Composer Studio IDE
- Micro SD card slot + 2 Gb card
- 96 by 16 display
- Headphone & microphone
- Kit is \$55 until 10/23/2011



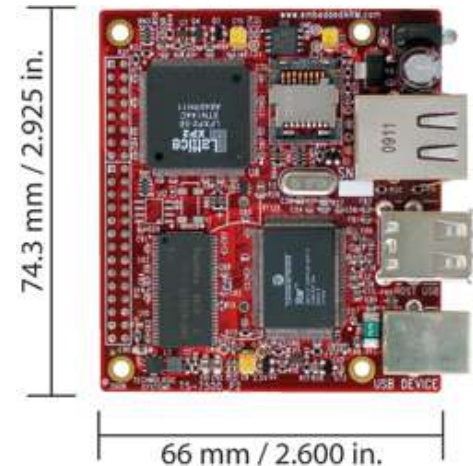
TS-Socket Macrocontroller

- Core modules connect to a baseboard
- ARM9, ARM11, PXA168, iMX515
- 55 by 75 mm



ARM9 Computer Module

- 250 Mhz ARM9, 64 Mb RAM, 4 Mb Flash
- Micro SD slot
- 8 TTL UARTS or 3 UARTS + CAN
- USB, ethernet, watchdog
- \$84



ARM9 Module

- 400 Mhz, 128 Mb RAM, 128 Mb SDRAM, 8 Mb Flash, 1 Gb NAND Flash
- 5 serial, 2 SPI and I²C
- 32 GPIO
- Ethernet, LCD video, touch interface
- Audio, USB2, flash card
- \$190



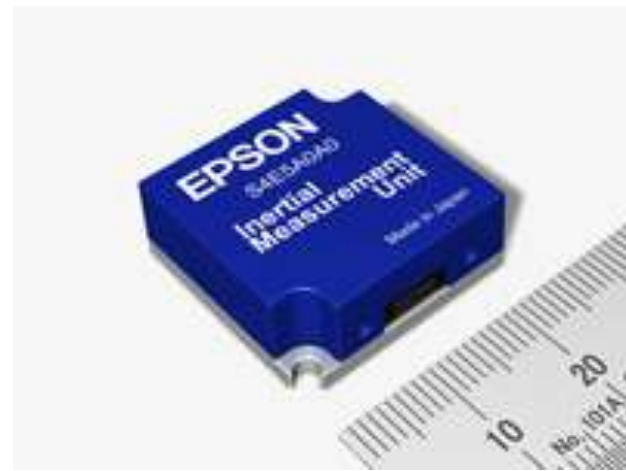
3-axis Analog Gyroscope

- 2 user-selectable sensitivities
- Low power
- 3.5 by 3 by 1 mm
- \$3.95



Inertial Measurement Unit

- Gyro and tri-axial accelerometer
- SPI and UART
- 24 by 24 by 10 mm
- \$2500



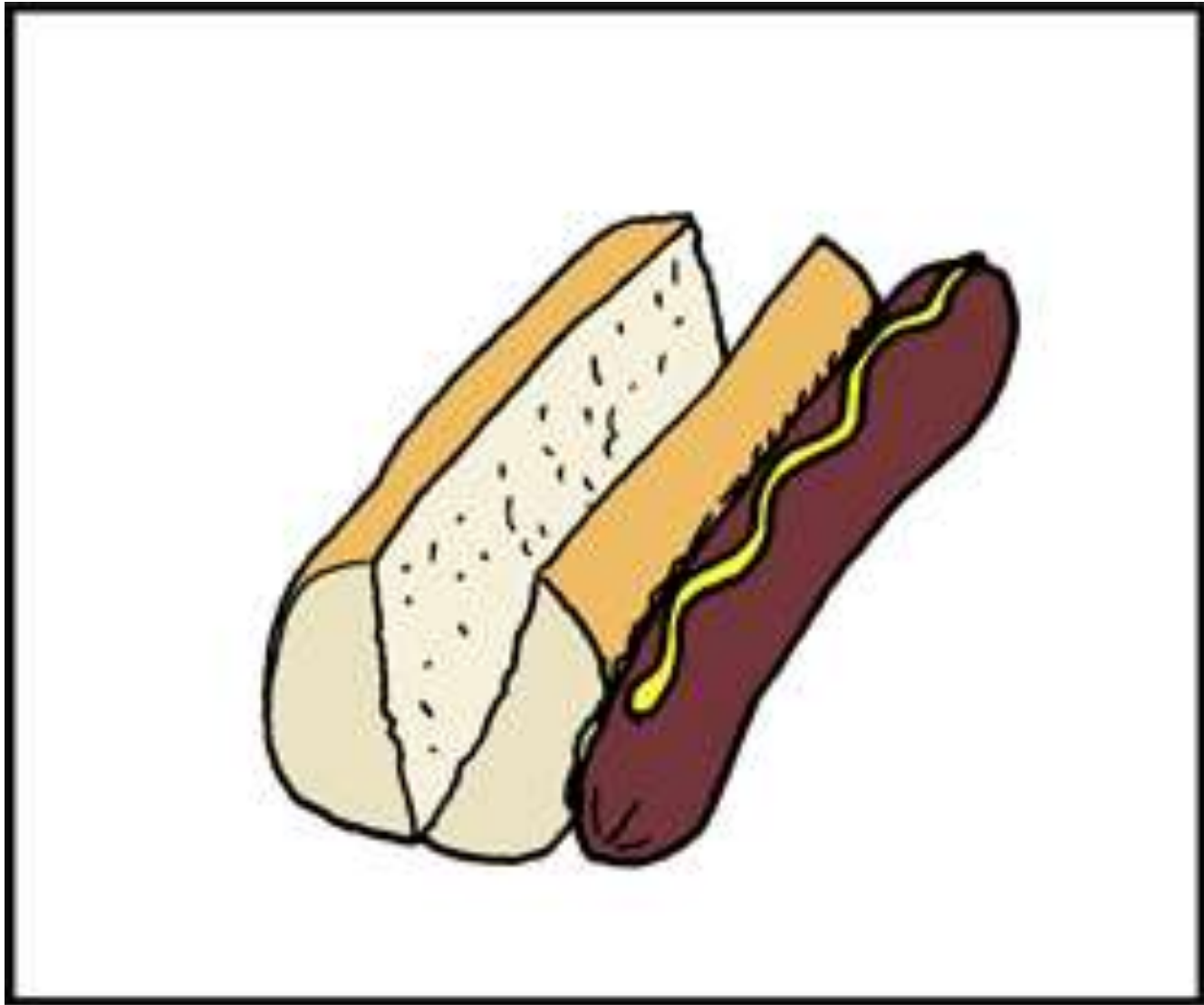
USB DSO

- 50 Mhz bandwidth
- 4 channels
- \$200









REVERSE POLISH SAUSAGE