

Interesting Items

Volume 18

Dave Jaffe

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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

Emic 2 Text-to-Speech Module

- Multi-language synthesizer (English & Spanish)
- Serial input – 9600 bps
- 9 pre-defined voices
- Control of speech characteristics:
 - Pitch, speaking rate, emphasis
- \$54 from Parallax



Ninja Block

- Web-connected with sensors (accelerometer & thermometer) & Ethernet
- Add-ons include WiFi, webcam, other sensors
- Web browser interface & open-source software
- Sold out



iOS Logic Analyzer

- 16-channel logic analyzer for iPhone and iPad
- \$389
- Logical trigger conditions – level and edge
- Spectrum analyzer product also available



No Pressure Switch

- Detects proximity of conductive mass
- Two-color LED indicator



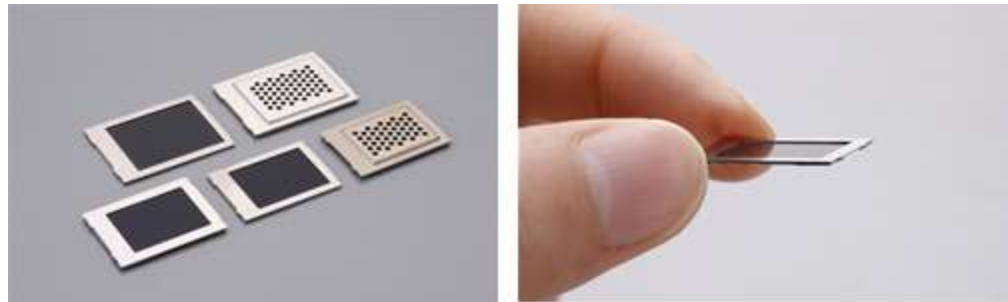
WiFi Module



- Low power consumption
- TCP/IP stack
- Flash memory capacity options up to 1024 K, SRAM to 96 K
- 802.11b, g, n
- SPI, UART, ADC, DAC, I²C, I²S, JTAG, SDIO interfaces
- Samples \$20

Thin Speaker

- 0.9 mm thin
- \$2.72
- Waterproof



32-bit Development Kit

- STM32 microcontroller – STM32VL Discovery
- Based on Cortex-M3
- \$9.90



Stereo Microphone

- Directional sensitivity
- Digital output
- \$1 in large quantities



DSO Quad

- Business card sized - \$199
- 2 analog & 2 digital channels
- Built-in signal generator
- 3 Mhz bandwidth
- 3" screen



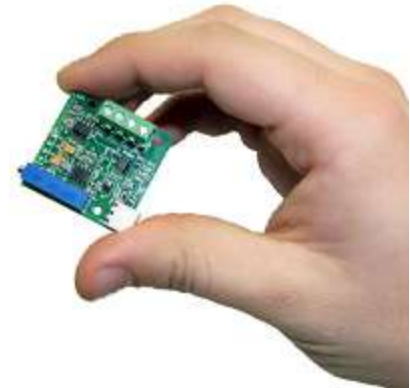
Motion Detection Module

- Wall and long-range mounting options
- PIR motion-detection technology
- UART configuration and interface



Force Sensing Module

- Use with Tekscan Flexi-Force sensors



LCD Display Module

- 1.44" – 128 x 128
- Full color
- Graphics, animation, text
- \$34.80



4-Port Serial Interface

- PCI Express Bus
- RS-232/422/485



3-Finger Gripper

- Adapts automatically to size/shape
- Several operational modes
- 10 contact points



MP3 Annunciator

- 15 user messages on SD card – 63 seconds total
- Selectable volume



AC Current Display

- 3 display product options
 - 7 LED color indicator
 - color light bar
 - LCD display



CurrentMark 2000

32-bit Arduino Solution

- PIC32chipKIT Development Platform
- Compatible with existing shields
- Several products available
- \$26.95 - \$34.99 - \$49.50



iPhone / iPad Scope

- 5Mhz
- 1 analog & 4 digital channels
- \$297.99



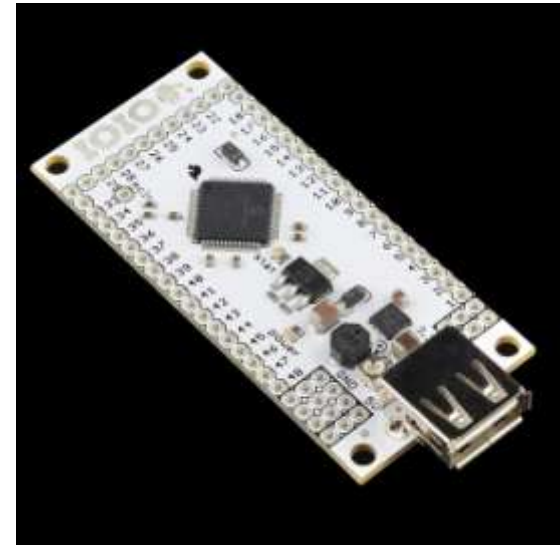
Slam Stick

- 3-axis accelerometer
- Battery enclosed, USB rechargeable
- 10-bit, 10-channel ADC
- Evaluate energy-harvesting potential
- \$250



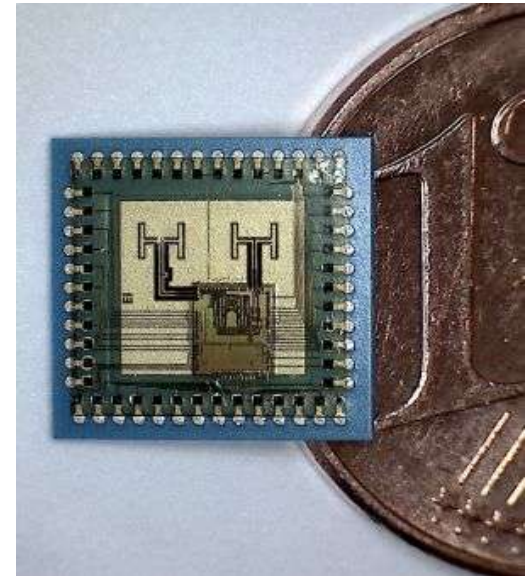
IOIO Board for Android

- Bluetooth or USB connectivity to Android
- Controlled by Android programming
- Digital I/O, PWM, Analog input, I²C, SPI, UART compatible
- \$49.95



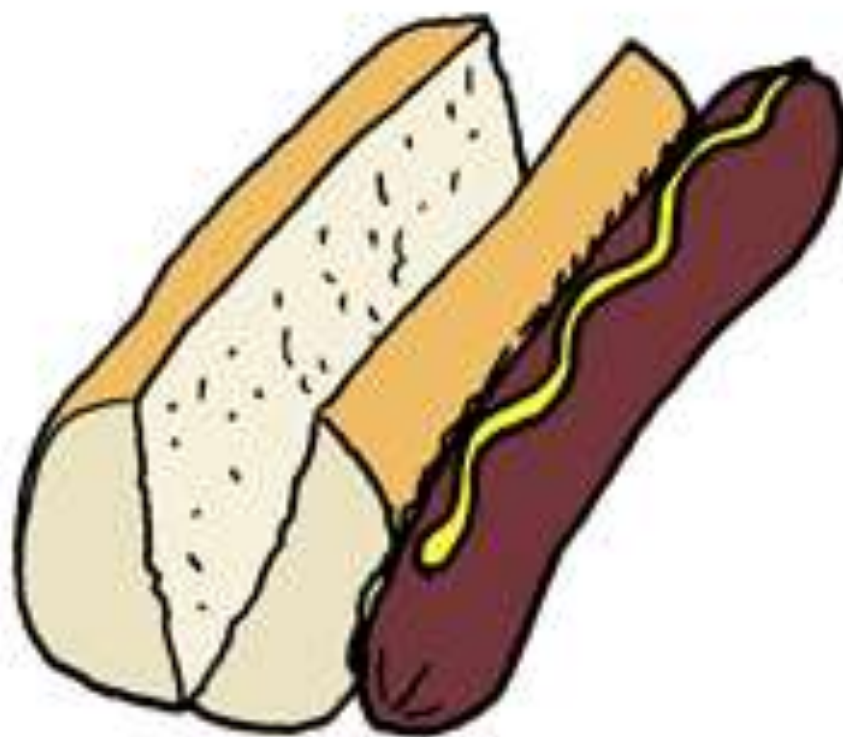
Pocket Radar

- Operates at 122 Ghz
- 1 mm accuracy
- Measures distance & speed









REVERSE POLISH SAUSAGE