

The μ MP3 module is a small (2.5" by 2") footprint board. The TTL serial is configurable from 9600 to 115 K bps. It requires a 5 V-regulated source at 150 mA and has an onboard 3.3 V LDO regulator.

Software for MP3 organization, I/O configuration, and play list creation is included. The kit also includes a bundled text to MP3 speech creation package — Text Aloud MP3 — trial version (30 days from Nextup.com).

The μ MP3 module is perfect for OEM, kiosk, advertising, real estate, robotics, or any project where you want to make your product produce clear speech or music. With up to 4,000 files per device, you can create libraries of speech or music, controlled from your microcontroller.

The μ MP3 module retails for \$99.95 (US, qty. one) and only \$49.00 each (US, qty. 1,000).

For more information, contact:

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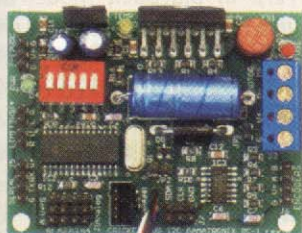
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THE SMART MOTOR CONTROLLER



Gamatronix introduces the new Gamoto, a smart PID closed-loop motor controller designed with robot hobbyists and students in mind. Key features include power, precision, speed, communication options, and ease of use.

Gamoto is smart — it gives you three choices for communication: I2C bus, a Cricket Bus connector with pigtail for easy plug-in to the Handy

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Cricket system, and a serial port connector for serial control at 9,600 or 19,200 baud. A native OOPIC Gamoto Object is in development.

Gamoto is flexible — up to eight Gamotos can be on the same I2C or Cricket bus. The address of each motor is set using dip switches.

Gamoto is strong — high-speed encoder feedback allows precise control over position, speed, and acceleration of brushed DC motors up to three amps. Trapezoidal motion profile processing allows acceleration ramp, constant velocity cruise, and then deceleration ramp down. Eight profiles can be stored in flash.

Gamoto is sensitive — current sense feedback actively detects torque and collisions. Four analog inputs allow connection of additional sensors.

And, lastly, it's easy going — the firmware is upgradeable.

For more information, contact:

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ATOMIC TIME



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This elegant watch features a shock-resistant titanium case with hardened mineral lens. Silver dial with arabic numerals, and high quality replaceable leather band. Watch can change to any world time zone. Case diameter 40mm. Made in Germany.



LaCrosse Digital Wall Clock \$34.95

This digital wall / desk clock comes with a beautiful cherry wood frame. It shows time, date, day of week, temperature and moon phase. 12/24 format.

Tell time by the U.S. Atomic Clock - The official U.S. time that governs ship movements, radio stations, space flights, and warplanes. With small radio receivers hidden inside our timepieces, they automatically synchronize to the U.S. Atomic Clock (which measures each second of time as 9,192,631,770 vibrations of a cesium 133 atom in a vacuum) and give time which is accurate to approx. 1 second every million years. Our timepieces even account automatically for daylight saving time, leap years, and leap seconds. \$7.95 Shipping & Handling via UPS. (Rush available at additional cost) Call M-F 9-5 CST for our free catalog.

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