

Announcing the Tini2131(tm) for only \$29!!!

The Tini2131(tm) comes in the popular Tini pinout format and is based on the Philips ARM LPC2131. The LPC2131 has 32K Flash and 8K RAM. It has on-board regulation, reset circuitry, RS-232 conversion, and three user programmable indicator LED's. The Tini2131 has 16 of the best I/O pins of the LPC2131 brought out, and separate I2C connections for networking. The 16 shared I/O pins include two 32-bit timers, PWM, and 2 serials which can be UARTS, I2C or SPI. There are even up to eight channels of 10-bit A/D. This device can be currently be developed in GCC using Eclipse in the same way as the original TiniARM, as well as having leading software toolchains from companies like Keil Software.

It's small size, 1" x 1.3", allows it to be a tightly integrated solution to robotics, motion, automotive, and industrial control, as well as the capability of being used in networking and data logging applications. Currently Circuit Cellar magazine has a design contest for ARMs limited to the LPC213x controllers and the Tini2131(tm) would be excellent to use in development.

The Tini2131(tm) features the 60 Mhz, LPC-2131 32-bit ARM CPU . The popular ARM processor has wide third party language support and with free development tools like the Eclipse development environment using GCC and a demo version of the Keil compiler as well. Other great languages soon to come from New Micros are IsoMax/Forth and StatiC for the ARM. As an introductory offer we will include a free Keil Demo CD upon request.

A Tini2131(tm) Development kit with the serial cable, power supply and Proto-development-board is available. Don't forget other great peripherals like our line of h-bridges to complement all of our varied microcontroller boards.

The "Tini" format is a good choice for flexibility. Should you need a different type of processor several are available. In previous mailings, New Micros has introduced the 32-bit 60-MHz LPC2106 ARM based module known as the TiniARM(TM) and also the 8-bit Mega128 based TiniAVR(TM). These entries follows its 16-bit 80-MHz DSP based TiniPod(TM). New Micros continues new development with the Tini2131(tm) this month. Additional development in this format is planned, including Tini430(TM) and TiniHC12(TM). We are looking forward to even more products in this, our 25th year of meeting embedded control needs.

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