

Microchip and Digilent Add Arduino Compatible chipKIT uC32

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[Microchip Technology Inc.](#) [1] (Chandler, AZ) [[NASDAQ: MCHP](#) [2]] and [Digilent, Inc.](#) [3] (Pullman, WA), have announced the jointly developed chipKIT uC32 open-source development platform, which is based on Microchip's 32-bit PIC32 microcontroller, as well as the chipKIT Wi-Fi Shield. Digilent's chipKIT uC32 development board has the same form factor as their chipKIT Uno32 board, with the addition of larger memory (512 KB Flash and up to 32 KB RAM). The uC32 board provides:

- A single, general-purpose development platform for users to create a wide range of 32-bit MCU-based applications using the free, Arduino compatible chipKIT IDE—called the Multi-Platform IDE, or “MPIDE.”
- Microchip's PIC32MX340F512H microcontroller.
- 105 DMIPS performance, 512 KB Flash, 32 KB SRAM and 42 I/O pins that support a number of peripheral functions, such as UART, SPI and I2C ports and pulse-width-modulated outputs.
- 12 PIC32's I/O pins that can be used as analog inputs or as digital inputs and outputs.

For more information visit <http://www.microchip.com/get/SJ4> [1]S.

Source URL (retrieved on 01/27/2015 - 2:35pm):

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[1] <http://www.microchip.com/get/SJ4>

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Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

GBqgGorQE

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