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UC3-L0 Xplained

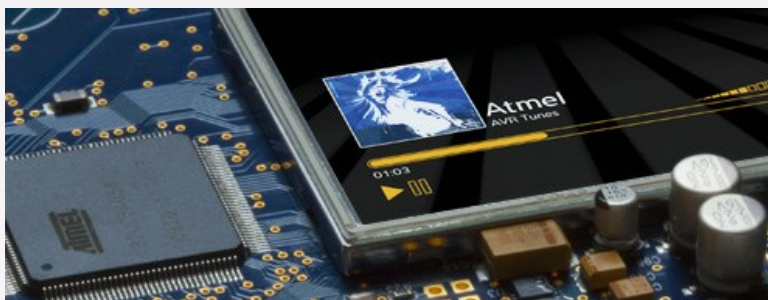
Overview

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The Atmel® UC3-L0 Xplained evaluation kit is a hardware platform for evaluating the Atmel AT32UC3L064 microcontroller. The kit offers a range of features that enable the Atmel AVR® UC3 user to get started using AVR UC3 peripherals right away and understand how to integrate the AVR UC3 device in their own design.

NOTE: The UC3-L0 Xplained is suited for evaluation of both UC3L0 and UC3L4 microcontrollers. The two series share the same peripherals, except that the UC3L4 features a USB Full-speed USB Device module while the UC3L0 does not.

Key Features

- **Atmel AT32UC3L064 microcontroller**
- **Use the Atmel QTouch library to detect touches on the touch button and slider**
- **Read temperature sensor with the ADC**
- **Use PWM as input to an analog filter and ADC to measure the filter response**
- **One push button to interact with the microcontroller**
- **One RGB LED to show status information**
- **Program the kit via bootloader or an Atmel programmer**
- **Expand the board with Xplained top modules**
- **Board controller with UART to USB bridge**

Ordering Information

Ordering Code	Atmel Store Availability ¹	Unit Price ²	Buy Online
AT32UC3L0-XPLD			Check Distributor

¹Backlog orders can be placed for items currently not available.

²Suggested retail price per unit for budgetary use only.

Software

Description



Xplained Virtual Com Port

(957, updated August 2012)

The driver file supports both 32-bit and 64-bit versions of Windows® XP and Windows 7. Driver installs are not necessary on Linux® operating systems.



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