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UC3-A3 Xplained

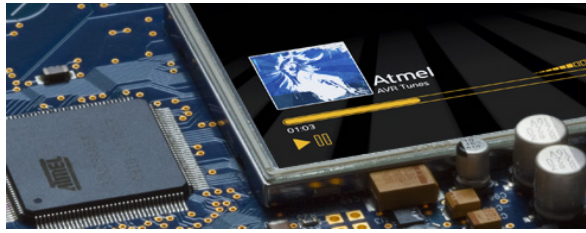
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The Atmel® UC3-A3 Xplained evaluation kit is a hardware platform for evaluating the Atmel AT32UC3A3256 microcontroller. The kit offers a range of features that enable the Atmel AVR® UC3 user to get started using AVR UC3 peripherals right away and understand how to integrate the AVR UC3 device in their own design.

NOTE: The UC3-A3 Xplained is suited for evaluation of both UC3A3 and UC3A4 microcontrollers. The two series share the same peripherals, except that the UC3A3 features a External Bus Interface (EBI) while the UC3A4 does not. The AES peripheral of the UC3A3S/A4S and the Audio peripheral of the UC3A3AU are not supported by the device on this board. To evaluate these features please use the EVK1104S and EVK1104AU respectively.

Key Features

- Atmel AT32UC3A3256 microcontroller
- Transfer data over the high-speed USB interface
- Read temperature sensor with the ADC
- Use the Atmel QTouch library to detect touches on the touch button and slider
- Read/write data to the 64Mbit SDRAM
- Use PWM as input to an analog filter and ADC to measure the filter response
- 1 push button to interact with the microcontroller
- 4 LEDs to show status information
- Program the kit via USB bootloader or an Atmel programmer
- Expand the board with Xplained top modules

Ordering code: AT32UC3A3-XPLD

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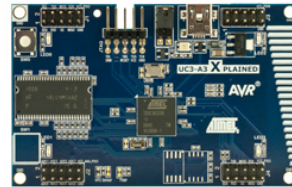
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