ATBTLC1000ZR-XSTK - BTLC1000ZR-XSTK ★

Part Number: ATBTLC1000ZR-XSTK

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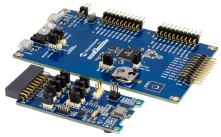
The ATBTLC1000ZR Xplained Starter Kit is a hardware platform to evaluate the ATBTLC1000-ZR110CA module with the ARM Cortex M0+ SAML21 Xplained Pro host MCU evaluation board. The Xplained Pro extension plugs into the SAML21 Xplained Pro evaluation board to quickly add Bluetooth Smart connectivity. The ATBTLC1000-ZR110CA module is based on Microchip's industry leading lowest power Bluetooth Low Energy 4.1 compliant SoC, ATBLTC1000-MU-T.



Supported by the Atmel Studio integrated development platform, the kit provides easy access to the features of the ATBTLC1000-ZR110CA BLE module and explains how to integrate the device in a custom design with the Cortex M0+ SAML21 MCU.

Features | Package Contents

- The ATBTLC1000-ZR110CA BLE module with 2.4GHz BLE4.1 compliant ATBTLC1000 SoC (System on Chip)
- 3.3V power source from the Xplained Pro through XPro Extension header
- RESET switch (Option provided for user to mount)
- Power LED
- Current measurement header
- On Board Temperature Sensor
- SWD header (Option provided for user to mount)
- External SPI serial Flash (Option provided for user to mount)
- Extension Port Header - UART, Debug UART, GPIO
- 32KHz crystal
- Supported with application examples in Atmel Software Framework

Documentation & Software

Back To Top

Documents	Last Updated	Size
★ ATBTLC1000ZR Xplained Pro User's Guide	7/7/2017 2:03:34 PM	314KB
★ Atmel SAM L21 Xplained Pro User Guide	12/10/2016 9:15:35 PM	4MB

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