

MCU Wireless

AVR 8- , 32 - bit

ARM- based

Wireless

8051



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RZ600

The RZ600 evaluation kit enables development, debugging and demonstration of IEEE 802.15.4 compliant wireless applications such as ZigBee and 6LoWPAN. The kit is FCC certified and contains evaluation boards for AT86RF212 and the AT86RF23x families of RF transceivers covering the regional 700/800/900MHz and worldwide 2.4GHz ISM bands for use with STK600.

The kit also contains two USB adapters equipped with UC3A 32 bit AVR microcontrollers for standalone point - point or packet sniffer operation.

Ordering Code: ATAVRRZ600



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Documents

- AVR600: RZ600 HW Manual(Application Note, 18 pages, revision A, updated 3/10)
This applicationnote gives an overview of the RZ600 kit from a system perspective as well as what the kit contains and its minimum requirements. A set of condensed instructions are then given on how to get the evaluation application for the kit up and running in the shortest time possible.
- MCU Wireless(Flyer, 4 pages, revision F, updated 3/10)
Low- power Wireless Solutions for IEEE 802.15.4, ZigBee, and 6LoWPAN Applications
- RZ600 Radio Schematics(Schematic, 1 pages, revision 3, updated 3/10)
- RZ600 USB Adapter Schematics(Schematic, 1 pages, revision 3, updated 3/10)

Software

- BitCloud SDK for AVR XMEGA (49 MB, revision 1.10.0, updated 10/10)
- BitCloud SDK for 32 - bit AVR (10 MB, revision 1.10.0, updated 10/10)
- BitCloud Profile Suite SDK for XMEGA (29 MB, revision 1.6.0, updated 10/10)
- BitCloud Profile Suite SDK for SAM3S (6 MB, revision 1.6.0, updated 10/10)
- BitCloud Profile Suite SDK for megaRF (14 MB, revision 1.6.0, updated 10/10)
- BitCloud Profile Suite SDK for 32 - bit AVR (6 MB, revision 1.6.0, updated 10/10)

Related Applications

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Related Devices

[AT32UC3A0512](#)

[AT86RF212](#)

[AT86RF230](#)

[AT86RF231](#)

[ATxmega256A3](#)

Related Tools

- Design Software

[6LoWPAN](#) , [BitCloud](#) - [ZigBee PRO](#) , [ZigBee Building Automation \(ZBA\)](#) , [ZigBee Home Automation \(ZHA\)](#)
- Starter Kit

[STK600](#)