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Products > > Smart RF > Tool Card

Smart RF

- Home
- Devices
- Tools & Software
- Datasheets
- Application Notes
- Other Documents
- Support & FAQs

ATAKSTK512

Description:

The STK512 is an Remote Access Control kit for unidirectional communication. The kit contains a functional standalone UHF radio system consisting of a transmitter (ATtiny45 + T575x) and receiver (ATA5743), and Interface Board.
The STK512 starter kit is available in 2 different versions covering 315 MHz or 434 MHz as designated by the part number suffix –3 or -4 respectively.
The Interface Board provides a quick, one-step programming tool to configure Atmel RF receivers OR doubles as an expansion card for the STK500 AVR starter kit (not included in kit) to allow development of software for receiver applications using any of the AVR microcontrollers supported by the STK500.

Ordering Code:
315 MHz RAC Unidirectional kit: ATAKSTK512-3
434 MHz RAC Unidirectional kit: ATAKSTK512-4

Documents:

AVR411: Secure Rolling Code Algorithm for Wireless Link (Application Note, 22 pages, revision A, updated 04/06)
This application note describes a Secure Rolling Code Algorithm transmission protocol for use in a unidirectional wireless communication system.

STK512 User Guide: AVR-based Uni-directional Radio Starter Kit (User Guide, 22 pages, revision A, updated 11/06)

STK500 User Guide - NOTE: See AVR Studio Help files for latest information (User Guide, 61 pages, updated 3/03)

Related Devices:

ATA5743   ATmega88   ATmega88P   ATtiny45   T5753   T5754

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