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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](#)