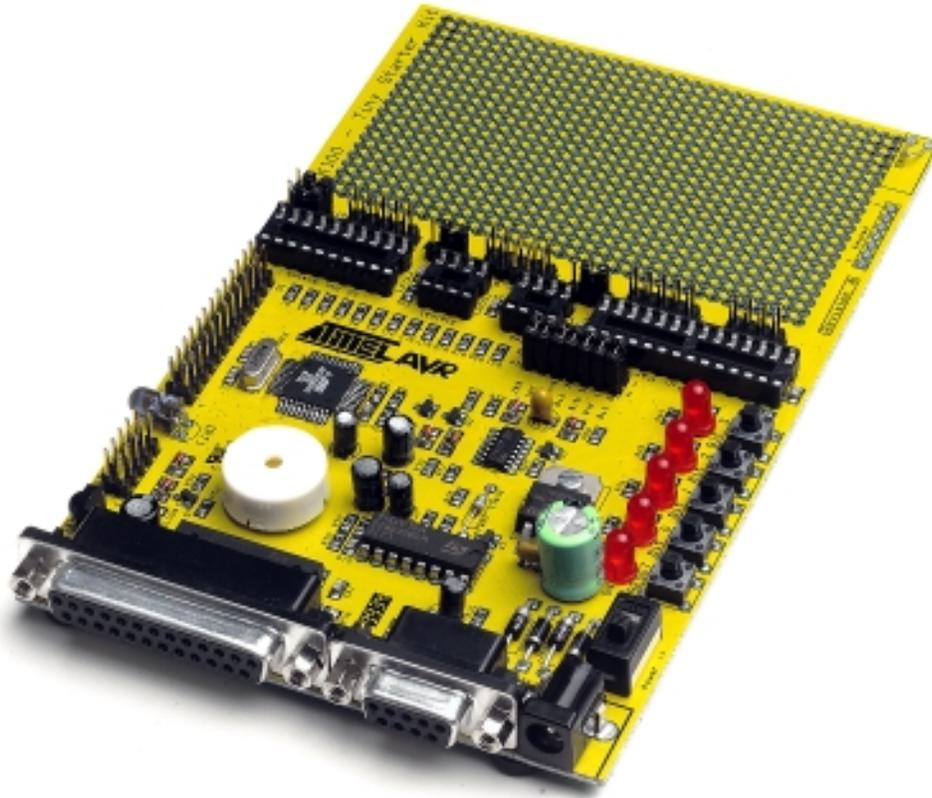


STK100™

tinyAVR
STARTER KIT

The STK100 tinyAVR Starter Kit is a complete low-cost evaluation system for the Atmel tinyAVR 8-bit Flash microcontrollers. The kit offers:

- Support for 8-pin and 28-pin Devices
- Infrared Receiver/Transmitter
- Piezo Speaker for Sound Generation
- 5 Push-button Switches and 5 LEDs
- Prototyping Area
- All Device Ports Easily Accessible through Header Connectors
- Supports Full Voltage Range of tinyAVR Devices
- Supports 2.7- and 5.0-voltage Programming of Supported Parts
- ISP Out Connector for In-application Programming
- RS232 and Parallel Port for PC Interface
- A/D Converter Support
- ATtiny11 and AT90S2343 Samples Included



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The Atmel STK100 Starter Kit is a complete evaluation platform for taking the tinyAVR design from conception to realization. The STK100 Starter Kit is the ideal method to get started with the tinyAVR family, including parts with 10-bit A/D converter.

The STK100 Starter Kit supports the following Atmel ATtiny parts:

- ATtiny11
- ATtiny11L
- ATtiny12
- ATtiny12L
- ATtiny12V
- ATtiny15L
- ATtiny22L
- ATtiny28L
- ATtiny28V
- AT90S2343
- AT90LS2343

The STK100 Starter Kit is complete with push-button switches and LEDs. All of the microcontrollers' ports are accessible through headers on the board. The regulated power supply accepts a DC or AC input voltage source. The target voltage is software selectable. The internal 10-bit A/D converter on the analog AVR microcontroller is connected to a separate header on the edge of the board. Used together with an ATtiny28 device, the user can implement an infrared remote control by using the on-board IR receiver/transmitter and the modulation capabilities of the ATtiny28.

The STK100 Starter Kit includes an ISP header that can be used as an external ISP programmer. Connecting this header to the target application permits the program code to be updated via a 10-pin header. This provides an ideal solution for SMD parts by updating the code in the application without physically removing the device from the application.

Ordering Information for the STK100 tinyAVR Starter Kit

The STK100 tinyAVR Starter Kit is available from any of Atmel's franchised distributors. The ordering code is ATSTK100.