



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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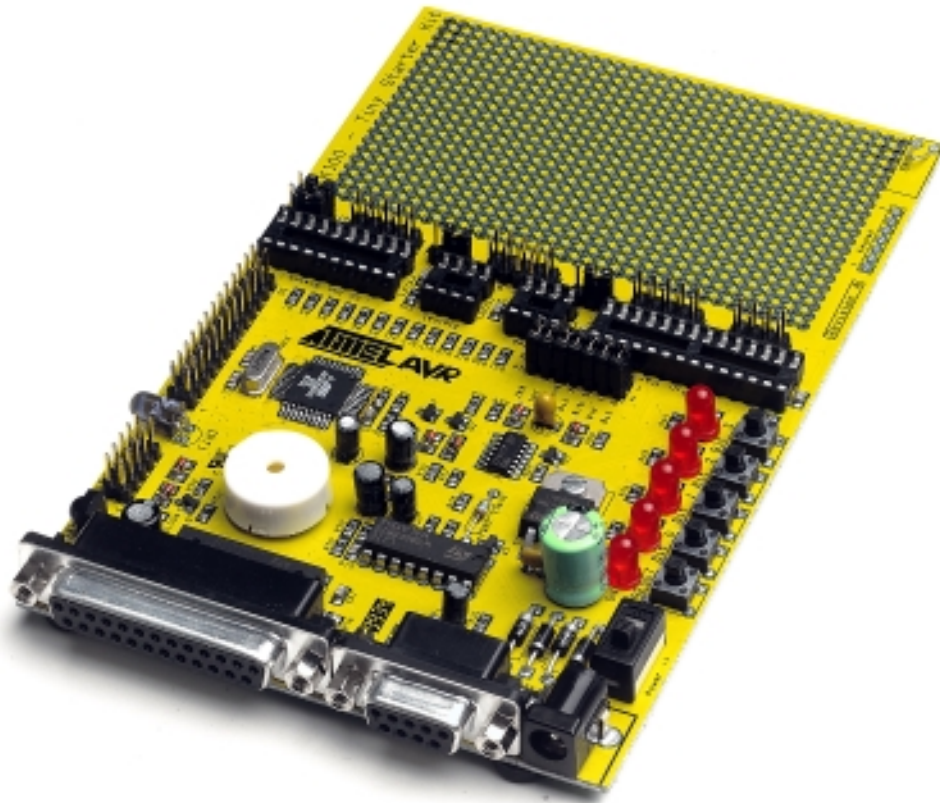
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

**Corporate Headquarters**

2325 Orchard Parkway
San Jose, CA 95131
Tel: (408) 441-0311
Fax: (408) 487-2600

Europe

Atmel U.K., Ltd
Coliseum Business Centre
Riverside Way, Camberley
Surrey GU15 3YL, England
Tel: (44) 1276-686-677
Fax: (44) 1276-686-697

Asia

Atmel Asia, Ltd
Room 1219
Chinachem Golden Plaza
77 Mody Road
Tsimshatsui East, Kowloon
Hong Kong
Tel: (852) 2721-9778
Fax: (852) 2722-1369

Japan

Atmel Japan K.K.
9F, Tonetsu Shinkawa Bldg.
1-24-8 Shinkawa
Chuo-ku, Tokyo 104-0033
Japan
Tel: (81) 3-3523-3551
Fax: (81) 3-3523-7581

e-mail

literature@atmel.com

Web Site

<http://www.atmel.com>

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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.