MCU00100 - FLASH MCU

AVR®

The MCU00100 Flash MCU Starter Kit is a complete low-cost evaluation system for the Atmel AT90S Series of AVR® 8-bit FLASH microcontrollers. The kit features include:

- Easy-to-use development board, with device programming capability
- Support for 8-pin, 20-pin & 40-pin AT90S AVR devices
- RS232 serial port for PC interface
- 8 push-button switches and 8 LED's for application simulation

- AVR Studio® for software simulation and debugging
- All device ports easily accessible through 0.1" header connectors
- Selectable 3.3V or 5V operation
- Regulated power supply
- AT90S1200 Device included

ATMEL®

MCU00100   **MCU00100 FLASH MICROCONTROLLER STARTER KIT**

The MCU00100 Starter Kit is a complete evaluation platform for taking your AT90S AVR design from conception to realization. The MCU00100 Starter Kit is the ideal method to get acquainted with the AT90S AVR microcontroller family.

The MCU00100 Starter Kit from Atmel Corporation supports the following Atmel AT90S AVR devices:

- Atmel AT90S1200
- Atmel AT90S2313
- Atmel AT90S2323*
- Atmel AT90LS2323*
- Atmel AT90S2343*
- Atmel AT90LS2343*
- Atmel AT90S4414
- Atmel AT90S8515

* with 8-pin device adaptor

The MCU00100 development board is complete with push-button switches and LED's to simulate the users application. All of the microcontroller ports are accessible through 0.1" headers on the board. The regulated power supply accepts a DC or AC input voltage source. Supported AT90S AVR devices can be programmed directly on the evaluation board with software supplied in the kit.

Included with the MCU00100 Flash MCU Starter Kit is AVR Studio, an architectural simulator and debugger. AVR Studio has multiple windows that displays the status of the processor, register file, on-chip memories and peripherals during program execution. During simulation, designers can switch between C-code and assembly language instructions at any time to determine the exact compilation of the code that is being executed. When using the AVR ICEPRO emulation system AVR Studio serves as the front end interface.

Ordering Information for the MCU00100 FLash MCU Starter Kit

The MCU00100 FLash MCU Starter Kit is available from any of Atmel's franchised distributors. The ordering code is ATMCU00100.