

# ATMEL AVR Development Tools and Accessories



RoHS Compliant This product is RoHS compliant.



MCU / MPU / DSP

Atmel

MOUSER STOCK NO.	Atmel Part No.	Description	Price Each
<b>Starter Kits</b>			
556-ATAVRRZUSBSTICK	ATAVRRZUSBSTICK	The AVR RZUSBSTICK consists of one USB stick with a 2.4 GHz transceiver and USB connection to your PC. The AT86RF230 transceivers high sensitivity gives the longest range for wireless products while the AT90USB1287 incorporates fast USB On-The-Go.	38.75
556-ATSTK500	ATSTK500	Starter kit and development system for AVR Flash microcontrollers to develop prototypes and test new designs. The STK500 interfaces with AVR Studio®, Atmel's Integrated Development Environment (IDE) for code writing and debugging.	78.75
556-ATSTK600	ATSTK600	Complete starter kit and development system for the AVR and AVR32 Flash microcontrollers. Designed to give designers a quick start on the AVR, combined with advanced features for using the starter kit to prototype and test new designs. Socket and adapter boards are sold separately at mouser.com.	198.75
556-ATSTK600-SC11	ATSTK600-SC11	STK600 Socketcard SOIC-14/20/24/34 Wide Adapter	48.75
556-ATSTK600-RC54	ATSTK600-RC54	STK600 20-pin TinyAVR Routing Card	17.68
556-ATSTK600-RC49	ATSTK600-RC49	UC3 D4 Series 48-pin TQFP Socket Card	17.68
<b>Xplained Kits</b>			
556-AT32UC3A3-XPLD	AT32UC3A3-XPLD	The UC3-A3 Xplained features the AT32UC3A3256 device which is optimized for high speed communication and protocol conversion	29.00
556-AT32UC3L0-XPLD	AT32UC3L0-XPLD	The UC3-L0 Xplained features the AT32UC3L064, which is a picoPower device optimized for low power control applications	49.45
556-ATXMEGAB1-XPLD	ATXMEGAB1-XPLD	The XMEGA-B1 Xplained Kit features the ATxmega128B1 microcontroller with a 4x40 LCD, 4 Qtouch Sensors, light sensor, temp sensor, and USB interface	31.71
556-ATXMEGAA3BU-XPLD	ATXMEGAA3BU-XPLD	The XMEGAA3BU Xplained Kit features the ATxmega256A3BU microcontroller with a 128x32 LCD display, Qtouch button, light sensor, temp sensor, and USB interface	39.09
556-ATAVRSBIN1	ATAVRSBIN1	Atmel's Inertial One sensor board delivers a full 9 degree of freedom sensor platform comprising a 3 Axis Magnetometer from AKM (AK8975), 3 Axis Accelerometer from Bosch (BMA150) and a 3 Axis Gyroscope from InvenSense (ITG-3200).	54.00
556-ATAVRSBPR1	ATAVRSBPR1	Atmel's Pressure One sensor board delivers a platform comprising a high precision Barometric Pressure sensor from Bosch (BMP085).	38.40
<b>Debug Tools</b>			
556-ATAVRDRAGON	ATAVRDRAGON	AVR Dragon supports all programming modes for the AVR device family. Includes complete emulation support for devices w/ 32KB or less Flash memory.	48.75
556-ATJTAGIC2	ATJTAGIC2	Development tool for On-chip Debugging of all AVR 8-bit RISC MCUs and AVR32 32-bit DSP/MCUs with IEEE 1149.1 compliant JTAG interface.	298.75
556-ATAVRONEKIT	ATAVRONEKIT	The AVR ONE! Kit is a power development tool for on-chip debugging and programming of all AVR32 devices. Supported programming interfaces, are ISP, JTAG, and PDI. Interfaces with AVR32 Studio 2 and newer.	599.00
<b>Development Kits</b>			
556-ATA6613-EK	ATA6613-EK	The development board for the ATA6613 IC is designed to give designers a quick start with the ATA6613 IC and to enable prototyping and testing new LIN designs.	74.88
556-ATA6824-DK	ATA6824-DK	ATA6824 High Temperature H bridge DC Motor Control. The development board contains the H-bridge Gate Driver ATA6824, external FETs, and the microcontroller ATmega88 provides the speed signal. On the board there are only populated high temperature components.	208.75
556-ATAVRSB201	ATAVRSB201	The SB201 is an evaluation and development kit for the Atmel® Smart Battery device ATmega16HVA. This device is made for battery packs with either one or two cells in series, and features autonomous battery protection as well as very accurate voltage, current and temperature monitoring capabilities.	138.75
556-ATDVK90CAN1	ATDVK90CAN1	Development kit for use with AT90CAN AVR microcontrollers. Stand-alone board that may be plugged into the STK500 starter kit to complement evaluation and enable additional development.	112.50
<b>Evaluation Kits</b>			
556-ATAVRFBKIT	ATAVRFBKIT	Dimmable Fluorescent Ballast kit which demonstrate the ability of the AT90PWM2 to control all the main functions of a DALI Fluorescent Ballast	198.75
556-ATAVRBC100	ATAVRBC100	The BC100 is a reference design that demonstrates charging and discharging of two batteries/battery packs with a programmable charge voltage up to 40V.	198.75
556-ATAVRMC320	ATAVRMC320	The MC320 kit is a complete hardware system which demonstrates motor control using ATmega32M1 and features CAN and LIN connectivity. It does include the MC300 power stage board, the MC310 processor board (that can be purchased separately) and a BLDC motor.	288.75
556-ATAVRRZ600	ATAVRRZ600	The RZ600 evaluation kit enables development, debugging and demonstration of IEEE 802.15.4 compliant wireless and the AT86RF23x families of RF transceivers covering the regional 700/800/900MHz and worldwide 2.4GHz ISM bands for use with STK600.	177.50
556-ATAVRSB200	ATAVRSB200	The SB200 is a development platform for the SB20x reference designs, which offer an easy way to start evaluation and hence development of smart battery applications using the AVR® microcontrollers.	198.75
556-ATAVRBFLY	ATAVRBFLY	Evaluation tool shipped w/ pre-loaded firmware supporting temperature sensing, light measurement, voltage readings and music playback.	19.99
556-ATEVK1100	ATEVK1100	The EVK1100 is an evaluation kit & development system for the AVR32 AT32UC3A microcontroller. It is equipped with a rich set of peripherals, and makes it easy to try the full potential of the AVR32 devices.	168.75
556-ATEVK1101	ATEVK1101	The EVK1101 is an evaluation kit & development system for the AVR32 AT32UC3B microcontroller. It is equipped with a rich set of peripherals, and makes it easy to try the full potential of the AVR32 devices.	148.75
556-ATEVK1105	ATEVK1105	The AVR32 EVK1105 is an evaluation kit for the AT32UC3A0512 which demonstrates Atmel's state-of-the-art AVR32 microcontroller in Hi-Fi audio decoding and streaming applications.	178.75
556-ATREB233SMAD-EK	ATREB233SMAD-EK	Evaluation Kit for AT86RF233 (IEEE 802.15.4, Zigbee, RF4CE, 6LoWPAN, ISM) Transceiver	473.75
556-EVK1060A	EVK1060A	The EVK1060A allows the user to evaluate all functions of the QT1060 touch sense controller. This kit provides a convenient reference design and allows the user to visualize discrete touch buttons, the guard channel & LED control.	76.25
556-EVK2160A	EVK2160A	The EVK2160A allows the user to evaluate all functions of the QT2160 touch sense controller. The kit provides a convenient reference design and allows the user to visualize discrete touch buttons or a touch slider LED control.	76.25
<b>In-System Programming</b>			
556-ATAVRISP2	ATAVRISP2	In-System Programmer used for field upgrades of AVR Flash microcontrollers. The AVRISP mkl combo w/ AVR Studio® can program new AVR 8-bit RISC microcontrollers with ISP Interface.	33.75
<b>Interface Module</b>			
556-ATADAPCAN01	ATADAPCAN01	Extension to the STK500 and STK501 development boards adding support for the AVR AT90CAN128 device in a single development environment.	17.50
<b>Arm-Based Microcontroller Development Kits and Tools</b>			
556-AT91SAM9N12-EK	AT91SAM9N12-EK	Supports the AT91SAM9N12-CU Embedded ARM MCU for development and evaluation	290.00
556-AT91SAM9G15-EK	AT91SAM9G15-EK	Supports the AT91SAM9G15-CU Embedded ARM MCU for development and Evaluation	588.97
556-AT91SAM9G25-EK	AT91SAM9G25-EK	Supports the AT91SAM9G25 Embedded ARM MCU for development and Evaluation	388.47
556-AT91SAM9G35-EK	AT91SAM9G35-EK	Supports the AT91SAM9G35-CU Embedded ARM MCU for development and Evaluation	588.97
556-AT91SAM9X25-EK	AT91SAM9X25-EK	Supports the AT91SAM9X25-CU Embedded ARM MCU for development and Evaluation	388.47
556-AT91SAM9X35-EK	AT91SAM9X35-EK	Supports the AT91SAM9X35-CU Embedded ARM MCU for development and Evaluation	588.97
556-A91SAM7S-EK	AT91SAM7S-EK	Enables evaluation capabilities and code development of applications running on an AT91SAM7S device.	100.00
556-A91SAM7X-EK	AT91SAM7X-EK	Enables evaluation capabilities and code development of applications running on an AT91SAM7X microcontroller.	200.00
556-AT91SAM9G20-EK	AT91SAM9G20-EK	The AT91SAM9G20-EK Evaluation Kit supports the AT91SAM9G20 ARM926EJ-S-based 32-bit RISC microcontroller for real-time code development and evaluation.	500.00
556-AT91SAM9RL-EK	AT91SAM9RL-EK	The AT91SAM9RL-EK Evaluation Kit supports the AT91SAM9RL ARM926EJ-S-based 32-bit RISC microcontroller for real-time code development and evaluation.	750.00
556-A91SAM9261-EK	AT91SAM9261-EK	Supports the AT91SAM9261, ARM926EJ-S-based 32-bit RISC microcontroller and enables real-time code development and evaluation.	750.00
556-A91SAM9260-EK	AT91SAM9260-EK	Enables the evaluation of and code development for applications running on an AT91SAM9260 device.	500.00
556-A91SAM-ICE	AT91SAM-ICE	SAM-ICE is a JTAG emulator designed for all Atmel AT91 ARM7/ARM9 cores.	100.00
556-AT91SAM7SE-EK	AT91SAM7SE-EK	Evaluation Kit for evaluation of and code development for applications running on an AT91SAM7SE device.	200.00
556-AT91SAM9263-EK	AT91SAM9263-EK	Evaluation Kit enables the evaluation of and code development for applications running on an AT91SAM9263 device.	850.00
556-AT91SAM9XE-EK	AT91SAM9XE-EK	Evaluation Kit for SAM9XE Series	500.00
<b>8051 Architecture Microcontroller Development Kits and Accessories</b>			
556-AT88SC-DK1	AT88SC-DK1	Crypto Memory Adapter & Development Kit	46.34
556-A89ISP	AT89ISP	The AT89ISP Software performs in-system programming (ISP) of Atmel AT89S/LP devices. It provides an intuitive interface for in-system programming that can be run from a personal computer.	31.00
556-A89STK-05	AT89STK-05	USB Starter kit designed help developers using AT89C5131 USB Flash microcontroller. Includes: evaluation board In-System Programming tool (FLIP), and HID (Human Interface Device) keyboard demonstration program.	187.20
556-A89STK-11	AT89STK-11	Starter Kit dedicated to the In-System Programmable standard Flash C51 microcontrollers. Emulator to provide a reliable way to load and debug AtmelAT8xC51 microcontrollers.	123.75