

ATMEL AVR Microcontrollers



AVR 8-BIT RISC MICROCONTROLLERS

This product is RoHS compliant.

Atmel's low power, high performance AVR microcontrollers handle demanding 8-and- 16-bit applications. With a single-cycle instruction RISC CPU, innovative picoPower® technology, and a rich feature set, the AVR architecture ensures fast code execution combined with the lowest possible power consumption.

tinyAVR - 1KB-8KB Flash Programmable Memory

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Flash	EEPROM	SRAM	Max. I/O Pins	Power Supply	Speed	Price Each			
									1	10	25	100
556-ATTINY2313-20MU	ATTINY2313-20MU	MLF	2KB	128B	128 Bytes	18	2.7V-5.5V	20MHz				
556-ATTINY2313-20PU	ATTINY2313-20PU	PDIP	2KB	128B	128 Bytes	18	2.7V-5.5V	20MHz				
556-ATTINY2313-20SU	ATTINY2313-20SU	SO150	2KB	128B	128 Bytes	18	2.7V-5.5V	20MHz				
556-ATTINY2313V10MU	ATTINY2313V-10MU	MLF	2KB	128B	128 Bytes	18	1.8V-5.5V	10MHz				
556-ATTINY2313V10PU	ATTINY2313V-10PU	PDIP	2KB	128B	128 Bytes	18	1.8V-5.5V	10MHz				
556-ATTINY2313V10SU	ATTINY2313V-10SU	SO150	2KB	128B	128 Bytes	18	1.8V-5.5V	10MHz				
556-ATTINY24-20MU	ATTINY24-20MU	MLF	2KB	128B	128 Bytes	12	2.7V-5.5V	20MHz				
556-ATTINY24-20PU	ATTINY24-20PU	PDIP	2KB	128B	128 Bytes	12	2.7V-5.5V	20MHz				
556-ATTINY24-20SSU	ATTINY24-20SSU	SOIC150	2KB	128B	128 Bytes	12	2.7V-5.5V	20MHz				
556-ATTINY24V10PU	ATTINY24V-10PU	PDIP	2KB	128B	128 Bytes	12	1.8V-5.5V	10MHz				
556-ATTINY24V10SSU	ATTINY24V-10SSU	SOIC150	2KB	128B	128 Bytes	12	1.8V-5.5V	10MHz				
556-ATTINY25-20PU	ATTINY25-20PU	PDIP	2KB	128B	128 Bytes	6	2.7V-5.5V	20MHz				
556-ATTINY25-20SU	ATTINY25-20SU	SO150	2KB	128B	128 Bytes	6	2.7V-5.5V	20MHz				
556-ATTINY25V10MU	ATTINY25V-10MU	MLF	2KB	125B	128 Bytes	6	1.8V-5.5V	10MHz				
556-ATTINY25V10PU	ATTINY25V-10PU	PDIP	2KB	128B	128 Bytes	6	1.8V-5.5V	10MHz				
556-ATTINY261-20PU	ATTINY261-20PU	PDIP	2KB	128B	128 Bytes	16	2.7V-5.5V	20MHz				
556-ATTINY26-16PU	ATTINY26-16PU	PDIP	2KB	125B	128 Bytes	16	4.5V-5.5V	16MHz				
556-ATTINY26-16SU	ATTINY26-16SU	SO150	2KB	125B	128 Bytes	16	4.5V-5.5V	16MHz				
556-ATTINY26L-8PU	ATTINY26L-8PU	PDIP	2KB	125B	128 Bytes	16	2.7V-5.5V	8MHz				
556-ATTINY26L-8SU	ATTINY26L-8SU	SO150	2KB	125B	128 Bytes	16	2.7V-5.5V	8MHz				
556-ATTINY28L-4PU	ATTINY28L-4PU	PDIP	2KB	-	32 Bytes	11	2.7V-5.5V	4MHz				
556-ATTINY44-20PU	ATTINY44-20PU	PDIP	4KB	256B	256 Bytes	12	2.7V-5.5V	20MHz				
556-ATTINY44-20SSU	ATTINY44-20SSU	SOIC150	4KB	256B	256 Bytes	12	2.7V-5.5V	20MHz				
556-ATTINY44V10MU	ATTINY44V-10MU	MLF	4KB	256B	256 Bytes	12	1.8V-5.5V	10MHz				
556-ATTINY44V10PU	ATTINY44V-10PU	PDIP	4KB	256B	256 Bytes	12	1.8V-5.5V	10MHz				
556-ATTINY44V10SSU	ATTINY44V-10SSU	SOIC150	4KB	256B	256 Bytes	12	1.8V-5.5V	10MHz				
556-ATTINY45-20PU	ATTINY45-20PU	PDIP	4KB	256B	256 Bytes	6	2.7V-5.5V	20MHz				
556-ATTINY45-20SU	ATTINY45-20SU	SO150	4KB	256B	256 Bytes	6	2.7V-5.5V	20MHz				
556-ATTINY45V10PU	ATTINY45V-10PU	PDIP	4KB	256B	256 Bytes	6	1.8V-5.5V	10MHz				
556-ATTINY45V10SU	ATTINY45V-10SU	SO150	4KB	256B	256 Bytes	6	1.8V-5.5V	10MHz				
556-ATTINY461-20PU	ATTINY461-20PU	PDIP	4KB	256B	256 Bytes	16	2.7V-5.5V	20MHz				
556-ATTINY461V10PU	ATTINY461V-10PU	PDIP	4KB	256B	256 Bytes	16	1.8V-5.5V	10MHz				
556-ATTINY461V10SU	ATTINY461V-10SU	SO150	4KB	256B	256 Bytes	16	1.8V-5.5V	10MHz				
556-ATTINY84-20PU	ATTINY84-20PU	PDIP	8KB	512B	512 Bytes	12	2.7V-5.5V	20MHz				
556-ATTINY85-20PU	ATTINY85-20PU	PDIP	8KB	512B	512 Bytes	6	2.7V-5.5V	20MHz				
556-ATTINY85V10PU	ATTINY85V-10PU	PDIP	8KB	512B	512 Bytes	6	1.8V-5.5V	10MHz				
556-ATTINY85V10SU	ATTINY85V-10SU	SO150	8KB	512B	512 Bytes	6	1.8V-5.5V	10MHz				
556-ATTINY861-20PU	ATTINY861-20PU	PDIP	8KB	512B	512 Bytes	16	2.7V-5.5V	20MHz				
556-ATTINY861-20SU	ATTINY861-20SU	SO150	8KB	512B	512 Bytes	16	2.7V-5.5V	20MHz				
556-ATTINY861V10PU	ATTINY861V-10PU	PDIP	8KB	512B	512 Bytes	16	1.8V-5.5V	10MHz				

AVR32 32-BIT MICROCONTROLLERS

The Atmel AVR32 UC3 product family is built on the new AVR32 UC core optimized for highly integrated embedded applications requiring microcontrollers with on-chip Flash program memory, high computation throughput, real-time behavior and low power consumption.



For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Flash	USB	SRAM	Max. I/O Pins	Power Supply	Speed	Price Each			
									1	10	25	100
556-AT32UC3A0128ALUT	AT32UC3A0128-ALUT	LQFP	128KB	Full speed + On the Go	32KB	109	1.8V-3.3V					
556-AT32UC3A1128-AUT	AT32UC3A1128-AUT	LQFP	128KB	Full speed + On the Go	32KB	69	1.8V-3.3V					
556-AT32UC3A0256ALUT	AT32UC3A0256-ALUT	LQFP	256KB	Full speed + On the Go	64KB	109	1.8V-3.3V					
556-AT32UC3A1256-AUT	AT32UC3A1256-AUT	LQFP	256KB	Full speed + On the Go	64KB	69	1.8V-3.3V					
556-AT32UC3A0512ALUT	AT32UC3A0512-ALUT	LQFP	512KB	Full speed + On the Go	64KB	109	1.8V-3.3V					
556-AT32UC3A1512-AUT	AT32UC3A1512-AUT	LQFP	512KB	Full speed + On the Go	64KB	69	1.8V-3.3V					

XMEGA 8/16-BIT MICROCONTROLLERS

AVR XMEGA microcontrollers have the same acclaimed characteristics as the established AVR devices, and operate from just 1.6 volts with up to 32 MIPS at 32 MHz. The XMEGA devices are general purpose microcontrollers well suited for a variety of applications including audio systems, ZigBee®, power tools, medical, board controllers, networking, metering, optical transceivers, motor control, white goods and any battery powered product.



For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Flash	EEPROM	SRAM	Max. I/O Pins	Power Supply	Speed	Price Each			
									1	10	25	100
556-ATXMEGA64A1-AU	ATXMEGA64A1-AU	TQFP	64KB+4KB	2KB	8KB	78	1.6V-3.6V	32MHz				
556-ATXMEGA64A1-CU	ATXMEGA64A1-CU	CBGA	64KB+4KB	2KB	8KB	78	1.6V-3.6V	32MHz				
556-ATXMEGA128A1-AU	ATXMEGA128A1-AU	TQFP	128KB+8KB	2KB	8KB	78	1.6V-3.6V	32MHz				
556-ATXMEGA128A1-CU	ATXMEGA128A1-CU	CBGA	128KB+8KB	2KB	8KB	78	1.6V-3.6V	32MHz				