

Enhanced 8-bit Microcontroller with 32 KB Flash Memory, Microcontrollers (MCU)  
C51AC2 32K FLASHADC EEP 5V

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	PLCC-44
Product Type	Embedded Processors & Controllers
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for AT89C51AC2-SLSUM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

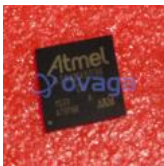
## General Description

High-performance flash version of the 80C51 single-chip, 8-bit microcontroller with a 32-KB flash memory block for program and data. Flash memory can be programmed in parallel or serial mode using ISP or software. The programming voltage is internally generated from the standard VCC pin.

The device retains all features of the 80C51 and adds a 10-bit A/D converter, 2KB boot flash memory, 2KB EEPROM for data, a programmable counter array, 1024 bytes of XRAM, a hardware watch-dog timer, and a more versatile serial channel that facilitates multiprocessor communication (EUART). A fully-static design reduces system power consumption by reducing the clock frequency without data loss.



## Related Products



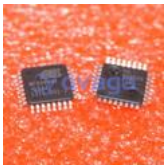
### [ATSAMA5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



### [ATXMEGA128D3-AU](#)

Microchip Technology, Inc  
TQFP-64



### [ATMEGA64M1-15AZ](#)

Microchip Technology, Inc  
TQFP-32



### [ATTINY48-MU](#)

Microchip Technology, Inc  
VQFN-32



### [ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



### [ATTINY2313V-10SU](#)

Microchip Technology, Inc  
SOIC-20



### [ATMEGA16L-8PU](#)

Microchip Technology, Inc  
PDIP-40



### [ATTINY4-TSHR](#)

Microchip Technology, Inc  
SOT-23-6