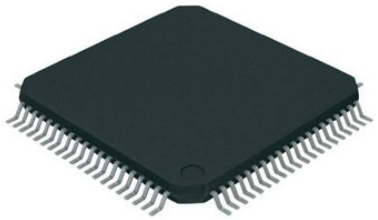
ATMEGA168V-10AU

Data Sheet

8-bit Microcontroller with 8K Bytes In-System Programmable Flash,Microcontrollers (MCU)
16kB Flash 0.5kB EEPROM 23 I/O Pins

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-32
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

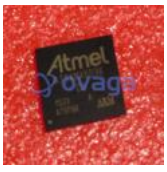
Please submit RFQ for ATMEGA168V-10AU or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The high-performance Microchip'spicoPower® 8-bit AVR® RISC-based microcontroller combines 16KB ISP flash memory with read-while-write capabilities, 512B EEPROM, 1KB SRAM, 27 general purpose I/O lines, 32 general-purpose working registers, three flexible timer/counters with compare modes, internal and external interrupts, USART with wake-up on start of transmission, a byte-oriented 2-wire serial interface, SPI serial port, 8-channel 10-bit A/D converter, programmable watchdog timer with internal oscillator, a 9 byte unique serial number and five software selectable power-saving modes. The device operates between 1.8-5.5 volts.

By executing powerful instructions in a single clock cycle, the device achieves throughputs approaching 1 MIPS per MHz, balancing power consumption and processing speed.

Related Products



ATSAMA5D36A-CU

Microchip Technology, Inc

LFBGA-324

ATMEGA32M1-AU

Microchip Technology, Inc

TQFP-32

ATXMEGA128D3-AU

Microchip Technology, Inc

TQFP-64

ATTINY2313V-10SU

Microchip Technology, Inc

SOIC-20

[ATMEGA64M1-15AZ]

Microchip Technology, Inc

TQFP-32

[ATMEGA16L-8PU]

Microchip Technology, Inc

PDIP-40

[ATTINY48-MU]

Microchip Technology, Inc

VQFN-32

[ATTINY4-TSHR]

Microchip Technology, Inc

SOT-23-6