ATXMEGA32D4-AU

Data Sheet

8 Bit MCU, Low Power High Performance, AVR ATxmega Family ATXmega D Series Microcontrollers, 32 MHz

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-44
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for ATXMEGA32D4-AU or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

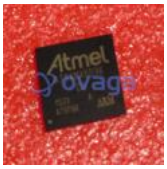
General Description

The high-performance, low-power 8/16-bit AVR XMEGA microcontroller combines 32KB ISP flash memory (4KB boot code section) with read-while-write capabilities, 1KB EEPROM, 4KB SRAM, four-channel event system, a programmable multi-level interrupt controller, 34 general purpose I/O lines, a 16-bit real time counter, four flexible 16-bit timer/counters with compare modes and PWM, two USARTs, two Two-Wire Interfaces (TWIs), two Serial Peripheral Interfaces (SPIs), one 12-channel/12-bit A/D converter with optional differential input with programmable gain, two analog comparators with window mode, a programmable watchdog timer with separate internal oscillator, accurate internal oscillators with PLL and prescaler, and programmable brown-out detection.The Program and Debug Interface (PDI), a fast 2-pin interface for programming and debugging, is available.By executing powerful instructions in a single clock cycle, the device achieves throughputs approaching 1 MIPS per MHz, balancing power consumption and processing speed.

Features

Typical Applications

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]

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TQFP-32

[ATMEGA16L-8PU]

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PDIP-40

[ATTINY48-MU]

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VQFN-32

[ATTINY4-TSHR]

Microchip Technology, Inc

SOT-23-6