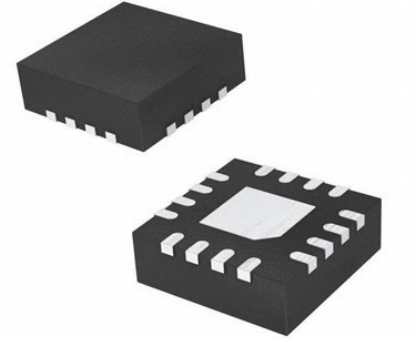8 Bit MCU, AVR Family ATmega1608 Series Microcontrollers, 20 MHz, 16 KB, 2 KB, 32 Pins, VQFN

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

Images are for reference only

Please submit RFQ for ATMEGA1608-MF or Email to us: sales@ovaga.com We will contact you in 12 hours.          RFQ

## General Description

The ATmega1608is a microcontroller featuring the 8-bit AVR® processor with hardware multiplier - running at up to 20MHz and with up to 16 KB Flash, 2 KB SRAM and 256 bytes of EEPROM in 28- and 32-pin packages. The series uses the latest Core Independent Peripherals with low power features. Including Event System, intelligent analog and advanced peripherals.

megaAVR 0-series Overview

# Features

Hardware multiplier

Three sleep modes:

Idle

Standby

Power Down

Event System

Watchdog Timer (WDT)

Power-On Reset (POR)

Brown-Out Detection (BOD)

Single pin programming and debugging interface (UPDI)

16 Channel 10-bit ADC with Voltage Reference

Analog Comparator (AC)

Configurable Custom Logic (CCL)

5x 16-bit Timer (TCA / TCB)

Cyclical Redundancy Check (CRC/SCAN)
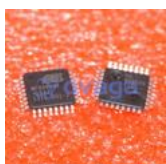
SPI / I2C / USART

## 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

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**ATTINY48-MU**

Microchip Technology, Inc

VQFN-32

**ATTINY4-TSHR**

Microchip Technology, Inc

SOT-23-6