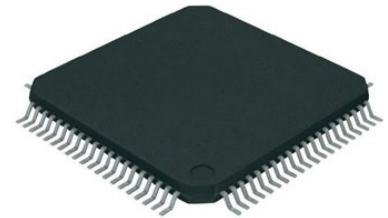8 Bit MCU, AVR Family ATmega4808 Series Microcontrollers, 20 MHz, 48 KB, 6 KB, 32 Pins, TQFP

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

Images are for reference only

Please submit RFQ for ATMEGA4808-AFR or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The ATmega4808is a microcontroller featuring the 8-bit AVR® processor with hardware multiplier - running at up to 20MHz and with up to 48 KB Flash, 6 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)

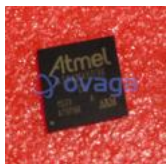12 Channel 10-bit ADC with Voltage Reference

Analog Comparator (AC)

Configurable Custom Logic (CCL)

4x 16-bit Timer (TCA / TCB)

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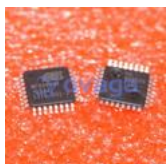
SPI / I2C / USART

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

ATTINY48-MU

Microchip Technology, Inc

VQFN-32

ATTINY4-TSHR

Microchip Technology, Inc

SOT-23-6