
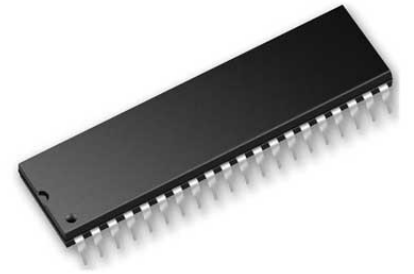


MCU 8-bit AVR RISC 32KB Flash 5V 40-Pin PDIP W Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	DIP40
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The ATmega3208 is a microcontroller featuring the 8-bit AVR® processor with hardware multiplier - running at up to 20MHz and with up to 32 KB Flash, 4 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](#)

Key Features

High-performance, Low-power AVR® 8-Bit Microcontroller

Advanced RISC Architecture

High Endurance Non-volatile Memory Segments

JTAG (IEEE Standard 1149.1 Compliant) Interface

Power-on Reset and Programmable Brown-out Detection

Internal Calibrated RC Oscillator

External and Internal Interrupt Sources

Idle, ADC Noise Reduction, Power-save, Power-down, Standby and Extended Standby Sleep Modes

0 to 16MHz Speed Grade

1.1mA Active, 0.35mA Idle Mode and <1µA Power-down Mode Power Consumption

Recommended For You

ATmega8-16PU

Microchip Technology, Inc
DIP

ATmega162-16PU

Microchip Technology, Inc
DIP40

AT91RM9200-CJ-002

Microchip Technology, Inc
BGA

AT89C2051-12PU

Microchip Technology, Inc
DIP

ATmega8515L-8PU

Microchip Technology, Inc
DIP

AT91SAM9G20B-CFU

Microchip Technology, Inc
247-TFBGA

ATtiny20-XUR

Microchip Technology, Inc
TSSOP14

AT89LS52-16PU

Microchip Technology, Inc
DIP

ATtiny12L-4SUR

Microchip Technology, Inc
SOP8

ATmega324PA-PU

Microchip Technology, Inc
PDIP

ATmega8535-16JU

Microchip Technology, Inc
PLCC44

ATtiny44A-PU

Microchip Technology, Inc
DIP

AT89C5131A-S3SUM

Microchip Technology, Inc
PLCC52

ATmega162V-8PU

Microchip Technology, Inc
DIP40

AT89C5115-SISUM

Microchip Technology, Inc
PLCC-28