

8 Bit MCU, AVR ATtiny Family ATtiny40 Series Microcontrollers, 20 MHz, 4 KB, 256 Byte, 20 Pins

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	VQFN-20
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ATTINY406-MFR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ATtiny406 is a microcontroller using the 8-bit AVR® processor with hardware multiplier, running at up to 20MHz and 4KB Flash, 256B SRAM and 128 bytes of EEPROM in a 24-pin package. The series uses the latest technologies from Microchip with a flexible and low power architecture including Event System and SleepWalking, accurate analog features and advanced peripherals.

## Features

8-bit high-performance AVR RISC CPU

135 instructions

Hardware multiplier

Ultra Low Power (ULP)

Three sleep modes:

Idle

Standby

Power Down

6 Channels Event System

Configurable Custom Logic (CCL)

12 Channel 10-bit ADC with Voltage Reference

Comparators

2x 16-bit Timer (TCA / TCB)

Cyclical Redundancy Check (CRC/SCAN)

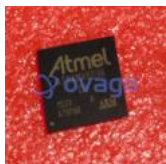
Watchdog Timer (WDT)

Power-On Reset (POR)

Single pin programming and debugging interface (UPDI)

Operation Voltage: 1.8V – 5.5V

## Related Products



### [ATSAM5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



### [ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



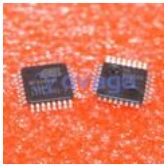
### [ATXMEGA128D3-AU](#)

Microchip Technology, Inc  
TQFP-64



### [ATTINY2313V-10SU](#)

Microchip Technology, Inc  
SOIC-20



[ATMEGA64M1-15AZ](#)

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[ATMEGA16L-8PU](#)

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[ATTINY48-MU](#)

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[ATTINY4-TSHR](#)

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SOT-23-6