8 Bit MCU, picoPower®, AVR ATtiny Family ATtiny41 Series Microcontrollers, 20 MHz, 4 KB, 256 Byte

Manufacturers	Microchip Technology, Inc
Package/Case	VQFN-20
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for ATTINY416-MFR or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The ATtiny416 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

135 instructions

Hardware multiplier

Ultra Low Power (ULP)

Idle

Standby

Power Down

6 Channels Event System

Configurable Custom Logic (CCL)

12 Channel 10-bit ADC with Voltage Reference

8-bit Digital to Analog Converter (DAC)

Comparators

1x 12-bit Timers (TCD)

2x 16-bit Timer (TCA / TCB)

Cyclical Redundancy Check (CRC/SCAN)

Watchdog Timer (WDT)

Power-On Reset (POR)

Brown-Out Detection (BOD)

Single pin programming and debugging interface (UPDI)

Operation Voltage: 1.8V – 5.5V

Related Products

ATSAMA5D36A-CU

Microchip Technology, Inc

LFBGA-324

ATMEGA32M1-AU

Microchip Technology, Inc

TQFP-32

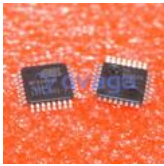**ATXMEGA128D3-AU**

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