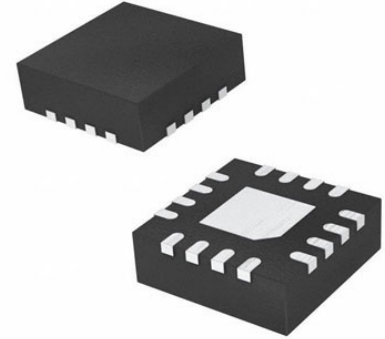


8 Bit MCU, AVR Family ATtiny3217 Series Microcontrollers, 20 MHz, 32 KB, 2 KB, 24 Pins, VQFN

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	24-VFQFN
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ATTINY3217-MFR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ATtiny3217 of microcontroller featuring the 8-bit AVR® processor with hardware multiplier - running at up to 20MHz and with up to 32 KB Flash, 2 KB SRAM and 256 bytes of EEPROM in a 24-pin package. The series uses the latest Core Independent Peripherals with low power features. Including Event System, intelligent analog and advanced peripherals. Capacitive touch interfaces with proximity sensing and driven shield are supported by the integrated QTouch® Peripheral Touch Controller (PTC).

Functional Safety: This product is recommended for safety critical applications targeting both industrial and automotive products (IEC 61508 and ISO 26262). Necessary documentation such as FMEDA report and Safety Manual can be provided on request. Please contact your local Microchip sales office or your distributor for more information.

## 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

8-bit Digital to Analog Converter (DAC)

Analog Comparators (AC)

Configurable Custom Logic (CCL)

1x 12-bit Timers (TCD)

2x 16-bit Timer (TCA / TCB)

Cyclical Redundancy Check (CRC/SCAN)

Peripheral Touch Controller (PTC)

14 channels self-capacitance

49 mutual-capacitance buttons supported

SPI / I2C / USART

## Related Products



[ATSAMA5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



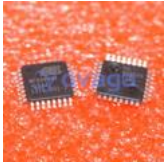
[ATXMEGA128D3-AU](#)

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