

8 Bit MCU, AVR Family ATtiny81 Series Microcontrollers, 20 MHz, 8 KB, 512 Byte, 20 Pins, VQFN

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



Images are for reference only

Please submit RFQ for ATTINY816-MNR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ATtiny816 microcontroller featuring the 8-bit AVR® processor with hardware multiplier - running at up to 20MHz and with 8KB Flash, 512B SRAM and 128 bytes of EEPROM in 20-pin packages. 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.

Additional Documents

Features

Hardware multiplier

Three sleep modes:

Idle

Standby

Power Down

6 channels 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)

Comparators

Configurable Custom Logic (CCL)

1x 12-bit Timers (TCD)

2x 16-bit Timer (TCA / TCB)

Cyclical Redundancy Check (CRC/SCAN)

Peripheral Touch Controller (PTC)

6 channels self-capacitance

9 channels mutual-capacitance

SPI / I2C / USART



Related Products



[ATSAMA5D36A-CU](#)

Microchip Technology, Inc
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc
TQFP-32



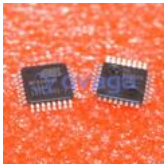
[ATXMEGA128D3-AU](#)

Microchip Technology, Inc
TQFP-64



[ATTINY2313V-10SU](#)

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[ATMEGA64M1-15AZ](#)

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[ATMEGA16L-8PU](#)

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[ATTINY48-MU](#)

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VQFN-32



[ATTINY4-TSHR](#)

Microchip Technology, Inc
SOT-23-6