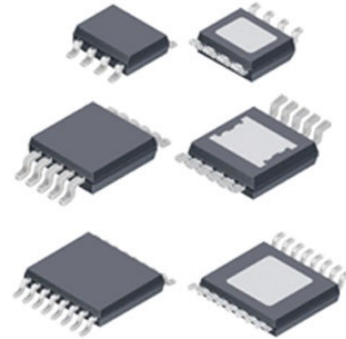


20MHz, 32KB, SOIC14, Ind 85C, Green, Tube

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOIC
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ATTINY3224-SSU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ATtiny3224 is a microcontroller featuring the AVR<sup>®</sup> CPU with hardware multiplier, running at up to 20 MHz, and with 32 KB Flash, 3 KB SRAM and 256B of EEPROM in 14-pin TSSOP and SOIC packages. The family uses the latest Core Independent Peripherals with low-power features, including Event System, intelligent analog and advanced peripherals.

The new 12-bit ADC offers true differential measuring capabilities with optional hardware accumulation of up to 1024 samples, which effectively gives up to 17-bits resolution. With sampling rates up to 375 ksps, the analog data is available very rapidly. The Programmable Gain Amplifier (PGA) for the ADC can amplify single-ended and differential analog inputs to make it possible to measure even small amplitude signals efficiently.

ATtiny1627 Product Family Overview (tinyAVR 2 Family)

## Features

High-Performance AVR RISC CPU with Hardware Multiplier

Running at up to 20 MHz

Single Cycle I/O Access

Two-level Interrupt Controller

Sleep modes: Idle, Standby, Power-down

6 channels Event System

Configurable Custom Logic (CCL)

Single pin programming and debugging interface (UPDI)

Analog Features

12-bit Differential ADC with Programmable Gain Amplifier (PGA)

Analog Comparator with internal DAC reference

Timer/Counters

1x 16-bit Timer/Counter type A (TCA)

2x 16-bit Timer/Counter type B (TCB)

1x 16-bit Real Time Counter (RTC) with Periodic Interrupt Controller (PIT)

Built-in Safety Functions:

Power-On Reset (POR)

Brown-Out-Detection (BOD)

Voltage Level Monitor (VLM)

Cyclic Redundancy Check (CRC) Scan

Window Watchdog Timer (WWDT)

Communication

Serial communication interfaces: 2x USART, SPI, I2C

## Related Products



[ATA6563-GAQW0](#)

Microchip Technology, Inc  
SOIC-8



[AT42QT1040-MMHR](#)

Microchip Technology, Inc  
VQFN-20



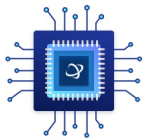
[AT30TSE004A-MAA5M-T](#)

Microchip Technology, Inc  
WDFN-8



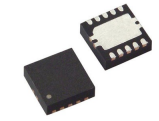
[AT30TS74-SS8M-T](#)

Microchip Technology, Inc  
SOIC-8



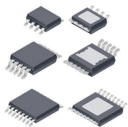
[ATMEGA808-MU](#)

Microchip Technology, Inc



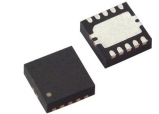
[ATSAMC21G17A-MZTVAO](#)

Microchip Technology, Inc  
VQFN



[ATTINY3226-SU](#)

Microchip Technology, Inc  
SOIC



[ATTINY1626-MU](#)

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