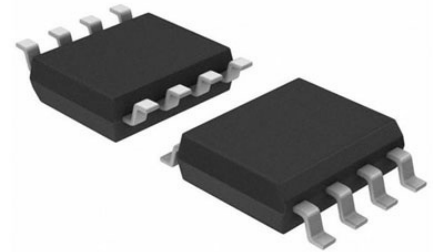


8-bit Microcontroller with 2/4/8K Bytes In-System Programmable Flash, Microcontrollers (MCU) 2kB Flash 0.128kB EEPROM 6 I/O Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SOIJ-8
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ATTINY25-20SU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

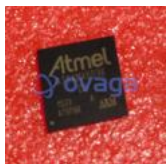
General Description

The high-performance Microchip picoPower® AVR® RISC-based CMOS 8-bit microcontroller combines 2 KB ISP Flash memory, 128B EEPROM, 128B SRAM, six general purpose I/O lines, 32 general purpose working registers, one 8-bit timer/counter with compare modes, one 8-bit high-speed timer/counter, universal serial interface (USI), internal and external interrupts, 4-channel 10-bit A/D converter, programmable watchdog timer with internal oscillator, and three software selectable power saving modes. The device operates between 2.7-5.5 volts. By executing powerful instructions in a single clock cycle, the device achieves throughputs approaching one MIPS per MHz, balancing power consumption and processor speed.

Functional Safety:

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

Related Products



[ATMAMA5D36A-CU](#)

Microchip Technology, Inc
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc
TQFP-32



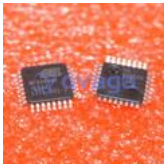
[ATXMEGA128D3-AU](#)

Microchip Technology, Inc
TQFP-64



[ATTINY2313V-10SU](#)

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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](#)

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SOT-23-6