ATMEGA48-20AUR

8 Bit MCU, Low Power High Performance, AVR ATmega Family ATmega48 Series Microcontrollers, 20 MHz

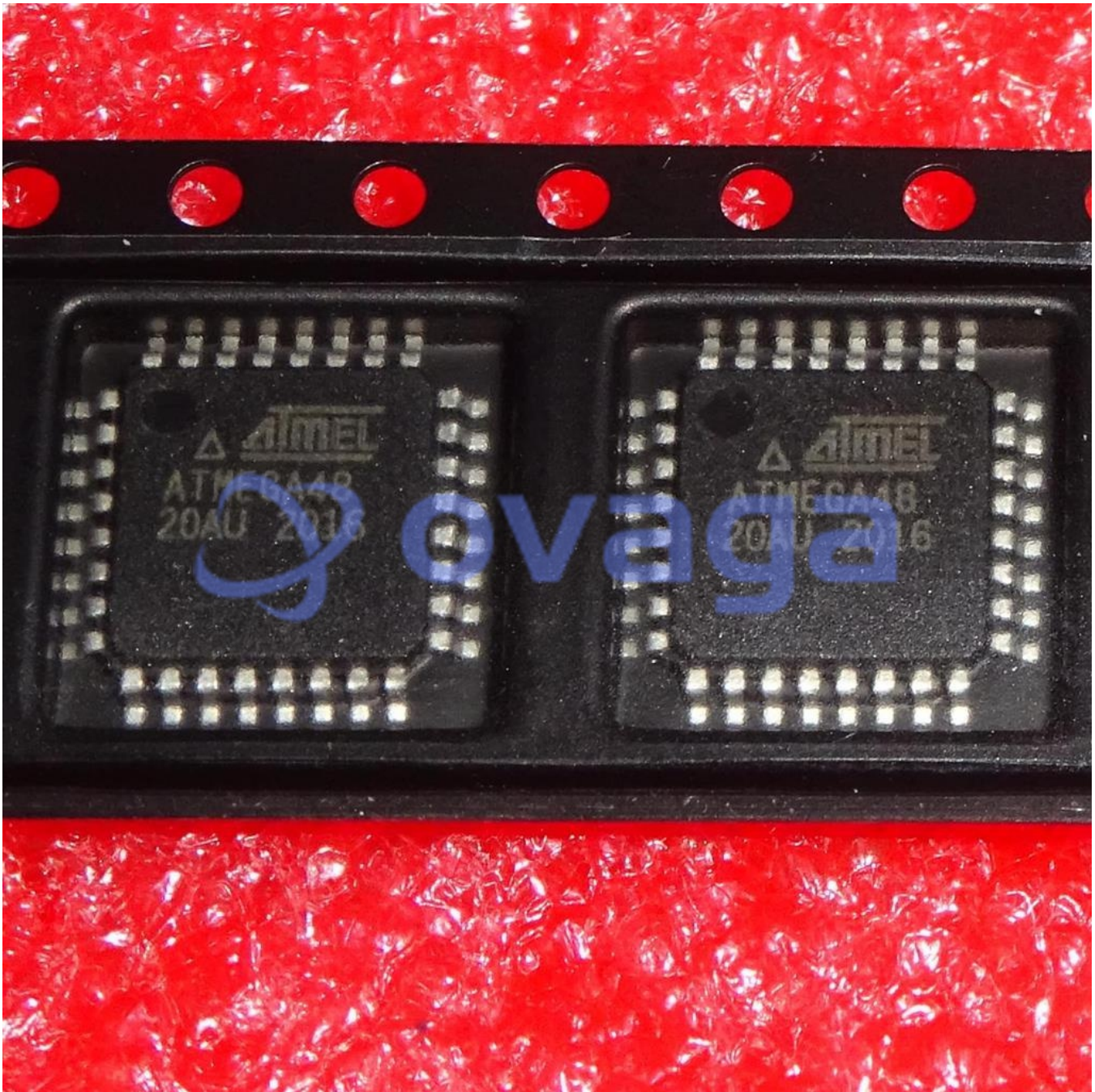|	
Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-32
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

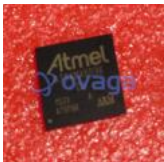Please submit RFQ for ATMEGA48-20AUR or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The high-performance Microchip'sAVR® 8-bit RISC-based microcontroller with picoPower® technology combines 4KB ISP Flash memory with read-while-write capabilities, 256B EEPROM, 512B SRAM, 27 general-purpose I/O lines, 32 general-purpose working registers, three flexible timer/counters with compare modes, internal and external interrupts, USART with wake-up on start of transmission, a byte-oriented 2-wire serial interface, SPI serial port, 8-channel 10-bit A/D converter, programmable watchdog timer with internal oscillator, a 9-byte unique serial number and five software selectable power-saving modes. The device operates between 1.8-5.5 volts.

By executing powerful instructions in a single clock cycle, the device achieves throughputs approaching 1 MIPS per MHz, balancing power consumption and processing speed.

Related Products

[ATSAMA5D36A-CU](#)

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LFBGA-324
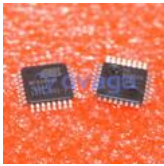

[ATMEGA32M1-AU](#)

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TQFP-32

[ATXMEGA128D3-AU](#)

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TQFP-64

[ATTINY2313V-10SU](#)

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SOIC-20

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SOT-23-6