

8 Bit MCU, AVR ATmega Family ATmega88 Series Microcontrollers, 20 MHz, 8 KB, 1 KB, 28 Pins, DIP

Manufacturers	Microchip Technology, Inc
Package/Case	SPDIP-28
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ATMEGA88-20PU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

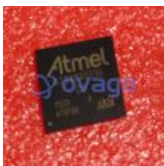
General Description

The high-performance Microchip's AVR® 8-bit RISC-based microcontroller with picoPower® technology combines 8 KB ISP Flash memory with read-while-write capabilities, 512B EEPROM, 1 KB 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 Two-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 one MIPS per MHz, balancing power consumption and processing speed.



Related Products



[ATSAMA5D36A-CU](#)

Microchip Technology, Inc
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc
TQFP-32



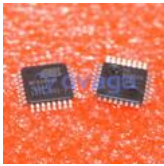
[ATXMEGA128D3-AU](#)

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