8-bit Microcontroller with 16K Bytes In-System Programmable Flash,Microcontrollers (MCU) 16kB Flash 0.5kB EEPROM 32 I/O Pins

Manufacturers	Microchip Technology, Inc
Package/Case	PDIP-40
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

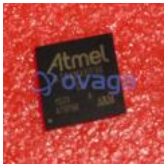Please submit RFQ for ATMEGA16L-8PU or Email to us: sales@ovaga.com We will contact you in 12 hours.　　　RFQ

General Description

The high-performance Microchip'spicoPower® 8-bit AVR® RISC-based microcontroller combines 16KB ISP flash memory with read-while-write capabilities, 512B EEPROM, 1KB 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.
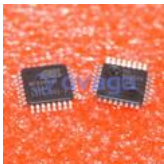
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