

EPROM OTP 8M-bit 1M x 8 90ns 32-Pin PDIP W Tube

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: DIP32

Product Type: Memory

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The Microchip AT27C080 is a low-power, high-performance 8-megabit One Time Programmable EPROM organized as 1-Mbit x 8. Requiring a single 5V power supply, in normal read mode operation typical power consumption is only 10 mA in active mode and less than 10 μ A in standby mode. Any byte can be accessed in less than 90 ns, eliminating the need for speed reducing WAIT states on high-performance microprocessor systems.

Key Features

8-Mbit (1-Mbit x 8)

Low-power CMOS operation

Standard power supply range, 5V +/-10%

100 μ A max standby

Parallel Interface

90 ns access time

High-reliability CMOS technology

2,000V ESD protection

200 mA latchup immunity

Rapid programming algorithm – 50 μ s/byte (typical)

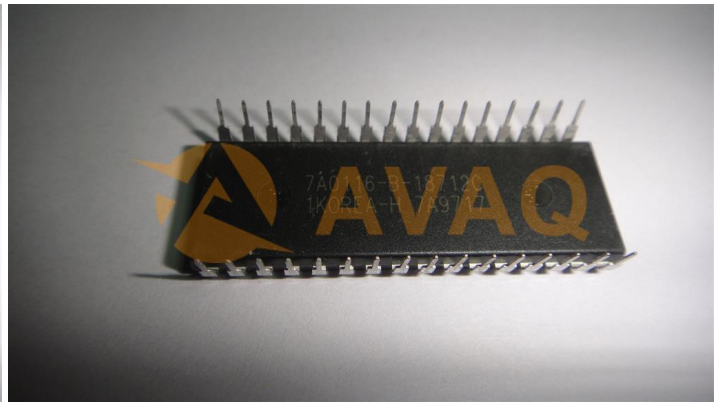
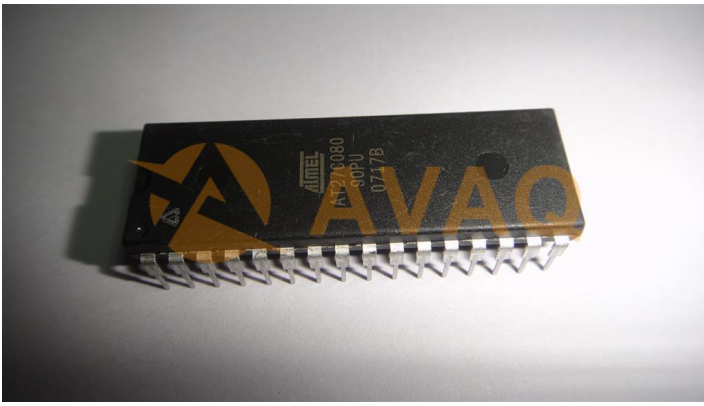
CMOS and TTL compatible inputs and outputs

Integrated product identification code

Industrial Temperature Range: -40°C to 85°C

Available in Green (Pb/Halide-free) Packaging Only

32-lead, Plastic J-leaded Chip Carrier (PLCC)



Recommended For You

AT93C46E-PU

Microchip Technology, Inc
DIP8

AT93C46D-PU

Microchip Technology, Inc
DIP8

AT24C64D-SSHM-T

Microchip Technology, Inc
SOP8

AT24C128C-MAHM-T

Microchip Technology, Inc
UDFN-8

AT93C66B-XHM-T

Microchip Technology, Inc
TSSOP8

AT25256B-SSHL-T

Microchip Technology, Inc
SOP8

AT24C08C-SSHM-T

Microchip Technology, Inc
SOP8

AT24C04C-PUM

Microchip Technology, Inc
DIP8

AT24C256C-SSHL-T

Microchip Technology, Inc
SOP8

AT24C02C-XHM-T

Microchip Technology, Inc
TSSOP8

AT24C02C-XHM-B

Microchip Technology, Inc
TSSOP8

AT24C32D-SSHM-T

Microchip Technology, Inc
SOP8

AT24C02C-SSHM-T

Microchip Technology, Inc
SOP8

AT24C16C-SSHM-B

Microchip Technology, Inc
SOP-8

AT93C56B-SSHM-T

Microchip Technology, Inc
SOP8