


## EPROM OTP 512K-bit 64K x 8 45ns 28-Pin PDIP W Tube

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	DIP28
<b>Product Type:</b>	Memory
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

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### General Description

The Microchip AT27C512R is a low-power, high-performance 512-Kbit One Time Programmable EPROM organized as 64-Kbit x 8. Requiring a single 5V power supply, in normal read mode operation typical power consumption is only 8mA in active mode and less than 10  $\mu$ A in standby mode. Any byte can be accessed in less than 45 ns, eliminating the need for speed reducing WAIT states on high-performance microprocessor systems.

### Key Features

- Fast read access time of 45ns
- Low power CMOS operation
- Maximum standby current of 100 $\mu$ A
- Maximum active current of 20mA at 5MHz
- High reliability CMOS technology
- Rapid programming algorithm of 100 $\mu$ s/byte
- CMOS and TTL compatible inputs and outputs
- Integrated product identification code
- Operating temperature range from -40°C to 85°C

### Recommended For You

#### AT93C46E-PU

Microchip Technology, Inc

DIP8

#### AT93C46D-PU

Microchip Technology, Inc

DIP8

#### AT24C64D-SSHMT

Microchip Technology, Inc

SOP8

**AT24C128C-MAHMT**

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UDFN-8

**AT93C66B-XHMT**

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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-XHMT**

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**

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SOP-8

**AT93C56B-SSHM-T**

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SOP8