

EPROM, One Time Programmable, 45ns, 64K x 8bit, 512 Kbit, 4.5V to 5.5V, PLCC-32

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	PLCC-32
Product Type	Memory
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AT27C512R-45JU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## 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.

## Features

512-Kbit (64-Kbit x 8)

Low-power CMOS operation

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

100  $\mu$ A max standby

Parallel Interface

45 ns access time

High-reliability CMOS technology

2,000V ESD protection

200 mA latchup immunity

Rapid programming algorithm – 100  $\mu$ 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)

28-lead, 0.600" wide, plastic, dual inline package (PDIP)

## Related Products



### [AT27C010-45JU](#)

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PLCC-32



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### [AT24CM02-SSHD-B](#)

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### [AT24C512C-SSHM-T](#)

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[AT24C04D-MAHM-T](#)

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