



Image may be representation.  
See specifications for product details.



## AT27C512R-12PC

Manufacturer Part Number	<b>AT27C512R-12PC</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT27C512R-12PC
ECAD Model	Request Free CAD Models
Parts Description	IC EPROM 512KBIT PARALLEL 28DIP
Package	28-DIP (0.600', 15.24mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

AT27C512R-12PC - Microchip Technology. New Original in Stock. Download Linear Technology AT27C512R-12PC datasheet/specifications on AllelcoElec.com.  
Request a quote for AT27C512R-12PC, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT27C512R-12PC Tech Specifications  
AT27C512R-12PC - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Through Hole
Write Cycle Time - Word, Page	-	Memory Type	Non-Volatile
Voltage - Supply	4.5V ~ 5.5V	Memory Size	512Kbit
Technology	EPROM - OTP	Memory Organization	64K x 8
Supplier Device Package	28-PDIP	Memory Interface	Parallel
Series	-	Memory Format	EPROM
Package / Case	28-DIP (0.600', 15.24mm)	Base Product Number	AT27C512
Package	Tube	Access Time	120 ns
Operating Temperature	0°C ~ 70°C (TC)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT27C512R-12PC

Product Attribute				
Part Number	AT27C512R-12PC	AT27C512R-12JI	AT27C4096-90PI	AT27C512R-12JC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Write Cycle Time - Word, Page	-	-	-	-
Supplier Device Package	28-PDIP	32-PLCC (13.97x11.43)	40-PDIP	32-PLCC (13.97x11.43)
Access Time	120 ns	120 ns	90 ns	120 ns
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Base Product Number	AT27C512	AT27C512	AT27C4096	AT27C512
Memory Organization	64K x 8	64K x 8	256K x 16	64K x 8
Package / Case	28-DIP (0.600', 15.24mm)	32-LCC (J-Lead)	40-DIP (0.600', 15.24mm)	32-LCC (J-Lead)
Memory Interface	Parallel	Parallel	Parallel	Parallel
Package	Tube	Tube	Tube	Tube
Memory Format	EPROM	EPROM	EPROM	EPROM
Technology	EPROM - OTP	EPROM - OTP	EPROM - OTP	EPROM - OTP
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Memory Size	512Kbit	512Kbit	4Mbit	512Kbit
Series	-	-	-	-
Operating Temperature	0°C ~ 70°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	0°C ~ 70°C (TC)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile

### AT27C512R-12PC Datasheet PDF

Download AT27C512R-12PC pdf datasheets and Microchip Technology documentation for AT27C512R-12PC - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products



**AT27C512R-12JI**  
Microchip Technology  
IC EPROM 512KBIT PARALLEL  
32PLCC



**AT27C512R-12RA**  
Atmel (Microchip Technology)

**AT27C4096-90PI**  
Microchip Technology  
IC EPROM 4MBIT PARALLEL 40DIP



**AT27C512R-12LC**  
Atmel (Microchip Technology)

**AT27C512R-12JC**  
Microchip Technology  
IC EPROM 512KBIT PARALLEL  
32PLCC



**AT27C512R-15JC**  
Microchip Technology  
IC EPROM 512KBIT PARALLEL  
32PLCC

**AT27C512R-12TC**  
Microchip Technology  
IC EPROM 512KBIT PARALLEL  
28TSOP



**AT27C512R-15DM/883**  
Atmel (Microchip Technology)

**AT27C512R-12J**  
Atmel (Microchip Technology)



**AT27C512R-12PI**  
Microchip Technology  
IC EPROM 512KBIT PARALLEL 28DIP

**AT27C4096-90PC**  
Microchip Technology  
IC EPROM 4MBIT PARALLEL 40DIP



**AT27C512R**  
Atmel (Microchip Technology)



**AT27C512R**  
Atmel (Microchip Technology)



**AT27C512R-15LM/883**  
Atmel (Microchip Technology)



**AT27C512R-15DI**  
Atmel (Microchip Technology)



**AT27C512-20DM/883**  
Atmel (Microchip Technology)



**AT27C512R-12RC**  
Microchip Technology  
IC EPROM 512KBIT PARALLEL  
28SOIC



**AT27C512-15DC**  
Atmel (Microchip Technology)

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



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## Certifications & Memberships



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