



Image may be representation.
See specifications for product details.



AT27C256R-12TC

Manufacturer Part Number	AT27C256R-12TC
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT27C256R-12TC
ECAD Model	Request Free CAD Models
Parts Description	IC EPROM 256KBIT PARALLEL 28TSOP
Package	28-TSSOP (0.465", 11.80mm Width)
Data sheet	AT27C256R.pdf

Get a Quote

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Specifications

AT27C256R-12TC Tech Specifications
AT27C256R-12TC - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	-	Memory Type	Non-Volatile
Voltage - Supply	4.5V ~ 5.5V	Memory Size	256Kbit
Technology	EPROM - OTP	Memory Organization	32K x 8
Supplier Device Package	28-TSOP	Memory Interface	Parallel
Series	-	Memory Format	EPROM
Package / Case	28-TSSOP (0.465", 11.80mm Width)	Base Product Number	AT27C256
Package	Tray	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 AT27C256R-12TC

Product Attribute				
Part Number	AT27C256R-12TC	AT27C256R-15RC	AT27C256R-15TI	AT27C256R-15PI
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	28-TSSOP (0.465", 11.80mm Width)	28-SOIC (0.342", 8.69mm Width)	28-TSSOP (0.465", 11.80mm Width)	28-DIP (0.600", 15.24mm)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Write Cycle Time - Word, Page	-	-	-	-
Base Product Number	AT27C256	AT27C256	AT27C256	AT27C256
Supplier Device Package	28-TSOP	28-SOIC	28-TSOP	28-PDIP
Memory Size	256Kbit	256Kbit	256Kbit	256Kbit
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Access Time	120 ns	150 ns	150 ns	150 ns
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package	Tray	Tube	Tray	Tube
Operating Temperature	0°C ~ 70°C (TC)	0°C ~ 70°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)
Series	-	-	-	-
Memory Format	EPROM	EPROM	EPROM	EPROM
Technology	EPROM - OTP	EPROM - OTP	EPROM - OTP	EPROM - OTP
Memory Organization	32K x 8	32K x 8	32K x 8	32K x 8
Memory Interface	Parallel	Parallel	Parallel	Parallel

AT27C256R-12TC Datasheet PDF

Download AT27C256R-12TC pdf datasheets and Microchip Technology documentation for AT27C256R-12TC - Microchip Technology.

Datasheets

[AT27C256R.pdf](#)

PCN Packaging

[MBB/Label Chgs 16/Nov/2018.pdf](#)

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

Customers Also Interested in

Recommended Products



AT27C256R-15DI Atmel (Microchip Technology)	AT27C256R-15RC Microchip Technology IC EPROM 256KBIT PARALLEL 28SOIC	AT27C256R-10JC Atmel (Microchip Technology)	AT27C256R-15LC Atmel (Microchip Technology)	AT27C256R-15TI Microchip Technology IC EPROM 256KBIT PARALLEL 28TSOP	AT27C256R-15PI Microchip Technology IC EPROM 256KBIT PARALLEL 28DIP
					
AT27C256R-12JI Microchip Technology IC EPROM 256KBIT PARALLEL 32PLCC	AT27C256R-15JI Microchip Technology IC EPROM 256KBIT PARALLEL 32PLCC	AT27C256E-45RI Atmel (Microchip Technology)	AT27C256R-15PC Microchip Technology IC EPROM 256KBIT PARALLEL 28DIP	AT27C256R-15JC Microchip Technology IC EPROM 256KBIT PARALLEL 32PLCC	AT27C256R-12RI Microchip Technology IC EPROM 256KBIT PARALLEL 28SOIC
					
AT27C256F-90JC Atmel (Microchip Technology)	AT27C256R-15DC Atmel (Microchip Technology)	AT27C256R-12JC Microchip Technology IC EPROM 256KBIT PARALLEL 32PLCC	AT27C256R-12PC Microchip Technology IC EPROM 256KBIT PARALLEL 28DIP	AT27C256R-12PI Microchip Technology IC EPROM 256KBIT PARALLEL 28DIP	AT27C256R-12RC Microchip Technology IC EPROM 256KBIT PARALLEL 28SOIC

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:
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