



Image may be representation.  
See specifications for product details.



## AT49F002NT-90PC

Manufacturer Part Number	<b>AT49F002NT-90PC</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT49F002NT-90PC
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 2MBIT PARALLEL 32DIP
Package	32-DIP (0.600', 15.24mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

AT49F002NT-90PC - Microchip Technology. New Original in Stock. Download Linear Technology AT49F002NT-90PC datasheet/specifications on AllelcoElec.com.  
Request a quote for AT49F002NT-90PC, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT49F002NT-90PC Tech Specifications  
AT49F002NT-90PC - 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	50µs	Memory Type	Non-Volatile
Voltage - Supply	4.5V ~ 5.5V	Memory Size	2Mbit
Technology	FLASH	Memory Organization	256K x 8
Supplier Device Package	32-PDIP	Memory Interface	Parallel
Series	-	Memory Format	FLASH
Package / Case	32-DIP (0.600', 15.24mm)	Base Product Number	AT49F002
Package	Tube	Access Time	90 ns
Operating Temperature	0°C ~ 70°C (TC)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT49F002NT-90PC

Product Attribute				
Part Number	AT49F002NT-90PC	AT49F002NT-12PC	AT49F002N-70VC	AT49F002T-12PC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Size	2Mbit	2Mbit	2Mbit	2Mbit
Base Product Number	AT49F002	AT49F002	AT49F002	AT49F002
Memory Interface	Parallel	Parallel	Parallel	Parallel
Access Time	90 ns	120 ns	70 ns	120 ns
Package / Case	32-DIP (0.600', 15.24mm)	32-DIP (0.600', 15.24mm)	32-TFSOP (0.488', 12.40mm Width)	32-DIP (0.600", 15.24mm)
Memory Format	FLASH	FLASH	FLASH	FLASH
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	50µs	50µs	50µs	50µs
Series	-	-	-	-
Technology	FLASH	FLASH	FLASH	FLASH
Operating Temperature	0°C ~ 70°C (TC)	0°C ~ 70°C (TC)	0°C ~ 70°C (TC)	0°C ~ 70°C (TC)
Supplier Device Package	32-PDIP	32-PDIP	32-VSOP	32-PDIP
Memory Organization	256K x 8	256K x 8	256K x 8	256K x 8
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Package	Tube	Tube	Tray	Tube
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole

### AT49F002NT-90PC Datasheet PDF

Download AT49F002NT-90PC pdf datasheets and Microchip Technology documentation for AT49F002NT-90PC - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

### Customers Also Interested in

#### Recommended Products



<b>AT49F002N70</b> Atmel (Microchip Technology)	<b>AT49F002NT-12PC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32PLCC	<b>AT49F010-12JC</b> AMD Xilinx	<b>AT49F002N-70VC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32VSOP	<b>AT49F008AT-90TI</b> Atmel (Microchip Technology)	<b>AT49F002T-12PC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32DIP
					
<b>AT49F008A-90TI</b> Atmel (Microchip Technology)	<b>AT49F002T-12JI</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32PLCC	<b>AT49F002N-90TC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32TSOP	<b>AT49F002NT-70JC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32PLCC	<b>AT49F002NT-90JC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32PLCC	<b>AT49F002N-90JC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32PLCC
					
<b>AT49F008AT-12TC</b> Microchip Technology IC FLASH 8MBIT PARALLEL 40TSOP	<b>AT49F002T-12PC.</b> Atmel (Microchip Technology)	<b>AT49F002NT-70VC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32VSOP	<b>AT49F002NT-70PC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32DIP	<b>AT49F002T-90JC</b> Microchip Technology IC FLASH 2MBIT PARALLEL 32PLCC	<b>AT49F010-12JI</b> 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

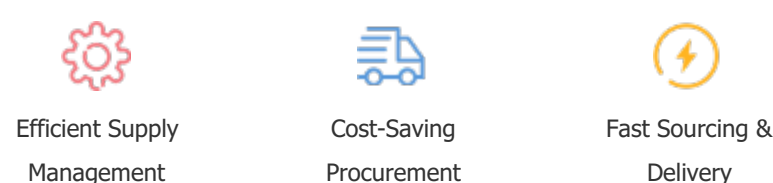
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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 -



Contact us if you have any questions.



## Certifications & Memberships



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