

Image may be representation.  
See specifications for product details.



## AT49BV642DT-70TU

Manufacturer Part Number	<b>AT49BV642DT-70TU</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT49BV642DT-70TU
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 64MBIT PARALLEL 48TSOP
Package	48-TFSOP (0.724', 18.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AT49BV642DT-70TU - Microchip Technology. New Original in Stock. Download Linear Technology AT49BV642DT-70TU datasheet/specifications on AllelcoElec.com. Request a quote for AT49BV642DT-70TU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT49BV642DT-70TU Tech Specifications  
AT49BV642DT-70TU - 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	120µs	Memory Type	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	Memory Size	64Mbit
Technology	FLASH	Memory Organization	4M x 16
Supplier Device Package	48-TSOP	Memory Interface	Parallel
Series	-	Memory Format	FLASH
Package / Case	48-TFSOP (0.724', 18.40mm Width)	Base Product Number	AT49BV642
Package	Tray	Access Time	70 ns
Operating Temperature	-40°C ~ 85°C (TC)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT49BV642DT-70TU

Product Attribute				
Part Number	AT49BV642DT-70TU	AT49BV640DT-70CU	AT49BV802AT-70TU	AT49BV6416T-70TI
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)
Memory Organization	4M x 16	4M x 16	1M x 8, 512K x 16	4M x 16
Access Time	70 ns	70 ns	70 ns	70 ns
Base Product Number	AT49BV642	AT49BV640	AT49BV802	AT49BV6416
Memory Format	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	48-TFSOP (0.724', 18.40mm Width)	48-VFBGA, CSPBGA	48-TFSOP (0.724', 18.40mm Width)	48-TFSOP (0.724', 18.40mm Width)
Supplier Device Package	48-TSOP	48-CBGA (7x10)	48-TSOP	48-TSOP
Write Cycle Time - Word, Page	120µs	120µs	200µs	15µs
Package	Tray	Tray	Tray	Tray
Voltage - Supply	2.7V ~ 3.6V	2.65V ~ 3.6V	2.65V ~ 3.6V	2.7V ~ 3.6V
Memory Size	64Mbit	64Mbit	8Mbit	64Mbit
Technology	FLASH	FLASH	FLASH	FLASH
Series	-	-	-	-
Memory Interface	Parallel	Parallel	Parallel	Parallel

### AT49BV642DT-70TU Datasheet PDF

Download AT49BV642DT-70TU pdf datasheets and Microchip Technology documentation for AT49BV642DT-70TU - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging



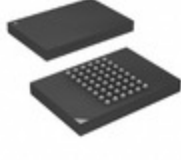









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### Customers Also Interested in

#### Recommended Products



<b>AT49BV640DT-70CU</b> Microchip Technology IC FLASH 64MBIT PARALLEL 48CBGA	<b>AT49BV802AT-70TU</b> Microchip Technology IC FLASH 8MBIT PARALLEL 48TSOP	<b>AT49BV6416T-70TI</b> Microchip Technology IC FLASH 64MBIT PARALLEL 48TSOP	<b>AT49BV642D-70TU</b> Microchip Technology IC FLASH 64MBIT PARALLEL 48TSOP	<b>AT49BV6416CT-70CU</b> Atmel (Microchip Technology)	<b>AT49BV640F-CU</b> Atmel (Microchip Technology)
					
<b>AT49BV802D-70CU</b> Microchip Technology IC FLASH 8MBIT PARALLEL 48CBGA	<b>AT49BV640DF-70CU</b> Micrel / Microchip Technology	<b>AT49BV6416CT-70CI</b> Microchip Technology IC FLASH 64MBIT PARALLEL 48CBGA	<b>AT49BV802AT-70TI</b> Microchip Technology IC FLASH 8MBIT PARALLEL 48TSOP	<b>AT49BV640D-70CU</b> Microchip Technology IC FLASH 64MBIT PARALLEL 48CBGA	<b>AT49BV802D-70TU</b> Microchip Technology IC FLASH 8MBIT PARALLEL 48TSOP
					
<b>AT49BV802DT-70TU</b> Microchip Technology IC FLASH 8MBIT PARALLEL 48TSOP	<b>AT49BV8192-12RC</b> AIMEL	<b>AT49BV6416-70TU</b> Microchip Technology IC FLASH 64MBIT PARALLEL 48TSOP	<b>AT49BV802A-70TU</b> Microchip Technology IC FLASH 8MBIT PARALLEL 48TSOP	<b>AT49BV8192A-10CI</b> Atmel (Microchip Technology)	<b>AT49BV640S-70CU</b> Microchip Technology IC FLASH 64MBIT PARALLEL 64CBGA

## 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

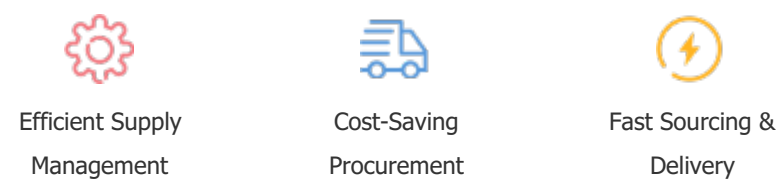
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

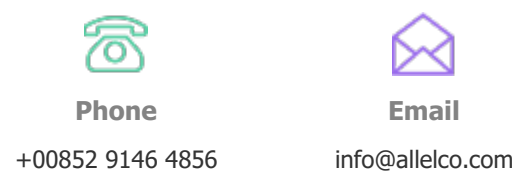
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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