



Image may be representation.  
See specifications for product details.



## AT45DB321C-TU

Manufacturer Part Number	<b>AT45DB321C-TU</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT45DB321C-TU
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 32MBIT SPI 40MHZ 28TSOP
Package	28-TSSOP (0.465', 11.80mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AT45DB321C-TU - Microchip Technology. New Original in Stock. Download Linear Technology AT45DB321C-TU datasheet/specifications on AllelcoElec.com. Request a quote for AT45DB321C-TU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT45DB321C-TU Tech Specifications  
AT45DB321C-TU - 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	15ms	Memory Type	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	Memory Size	32Mbit
Technology	FLASH	Memory Organization	528 Bytes x 8192 pages
Supplier Device Package	28-TSOP	Memory Interface	SPI
Series	-	Memory Format	FLASH
Package / Case	28-TSSOP (0.465', 11.80mm Width)	Clock Frequency	40 MHz
Package	Tray	Base Product Number	AT45DB321
Operating Temperature	-40°C ~ 85°C (TC)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT45DB321C-TU

Product Attribute				
Part Number	AT45DB321C-TU	AT45DB321C-CU	AT45DB321D-SU	AT45DB321C-CNC
Manufacturer	Microchip Technology	Microchip Technology	Adesto Technologies	Microchip Technology
Series	-	-	-	-
Package / Case	28-TSSOP (0.465', 11.80mm Width)	24-TBGA, CSPBGA	8-SOIC (0.209', 5.30mm Width)	8-VDFN
Voltage - Supply	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Memory Interface	SPI	SPI	SPI	SPI
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	0°C ~ 70°C (TC)
Technology	FLASH	FLASH	FLASH	FLASH
Memory Organization	528 Bytes x 8192 pages	528 Bytes x 8192 pages	528 Bytes x 8192 pages	528 Bytes x 8192 pages
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tube	Tray
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Size	32Mbit	32Mbit	32Mbit	32Mbit
Base Product Number	AT45DB321	AT45DB321	AT45DB321	AT45DB321
Memory Format	FLASH	FLASH	FLASH	FLASH
Clock Frequency	40 MHz	40 MHz	66 MHz	40 MHz
Write Cycle Time - Word, Page	15ms	15ms	6ms	15ms
Supplier Device Package	28-TSOP	24-CBGA (6x8)	8-SOIC	8-CASON (6x8)

### AT45DB321C-TU Datasheet PDF

Download AT45DB321C-TU pdf datasheets and Microchip Technology documentation for AT45DB321C-TU - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

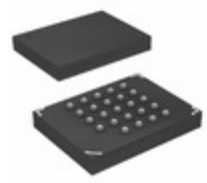
[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products



**AT45DB321C-CU**  
Microchip Technology  
IC FLASH 32MBIT SPI 40MHZ  
24CBGA



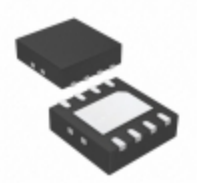
**AT45DB321D-CU**  
Microchip Technology  
IC FLASH 32MBIT SPI 66MHZ  
24CBGA

**AT45DB321D-SU**  
Adesto Technologies  
IC FLASH 32MBIT SPI 66MHZ 8SOIC



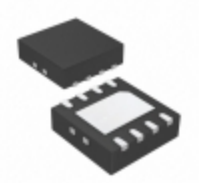
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Adesto Technologies  
IC FLASH 32MBIT SPI 66MHZ  
28TSOP

**AT45DB321C-CNC**  
Microchip Technology  
IC FLASH 32MBIT SPI 40MHZ  
8CASON



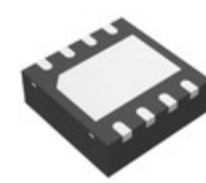
**AT45DB321D-MU**  
Adesto Technologies  
IC FLASH 32MBIT SPI 66MHZ 8VDFN

**AT45DB321D-MU**  
Microchip Technology  
IC FLASH 32MBIT SPI 66MHZ 8VDFN



**AT45DB321D-MWU**  
Adesto Technologies  
IC FLASH 32MBIT SPI 66MHZ 8VDFN

**AT45DB321C-CC**  
Microchip Technology  
IC FLASH 32MBIT SPI 40MHZ  
24CBGA



**AT45DB321D-MWU**  
Microchip Technology  
IC FLASH 32MBIT SPI 66MHZ 8VDFN

**AT45DB321B-TI**  
Microchip Technology  
IC FLASH 32MBIT SPI 20MHZ  
32TSOP



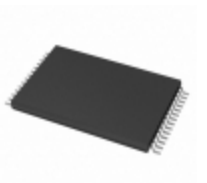
**AT45DB321B-TI**  
Microchip Technology  
IC FLASH 32MBIT SPI 20MHZ  
32TSOP



**AT45DB321B-RI**  
Microchip Technology  
IC FLASH 32MBIT SPI 20MHZ  
28SOIC



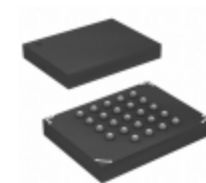
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Microchip Technology  
IC FLASH 32MBIT SPI 66MHZ  
28TSOP



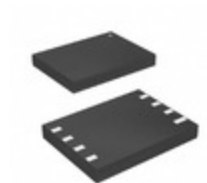
**AT45DB321C-TC**  
Microchip Technology  
IC FLASH 32MBIT SPI 40MHZ  
28TSOP



**AT45DB321D-SU-SL383**  
Adesto Technologies  
IC FLASH 32MBIT SPI 66MHZ 8SOIC



**AT45DB321D-CU**  
Adesto Technologies  
IC FLASH 32MBIT SPI 66MHZ  
24CBGA



**AT45DB321C-CNU**  
Microchip Technology  
IC FLASH 32MBIT SPI 40MHZ  
8CASON

## 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.



Phone  
+00852 9146 4856



Email  
info@allelco.com

## Certifications & Memberships



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