



Image may be representation.  
See specifications for product details.



## AT25DF321A-SH-B

Manufacturer Part Number	<b>AT25DF321A-SH-B</b>
Manufacturer	<b>Adesto Technologies</b>
Allelco Part Number	32D-AT25DF321A-SH-B
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FLASH 32MBIT SPI 100MHZ 8SOIC
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	AT25DF321A-SH-B.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AT25DF321A-SH-B - Adesto Technologies. New Original in Stock. Download Linear Technology AT25DF321A-SH-B datasheet/specifications on AllelcoElec.com. Request a quote for AT25DF321A-SH-B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT25DF321A-SH-B Tech Specifications  
AT25DF321A-SH-B - Adesto Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Adesto Technologies	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	7µs, 3ms	Memory Type	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	Memory Size	32Mbit
Technology	FLASH	Memory Organization	256 Bytes x 16384 pages
Supplier Device Package	8-SOIC	Memory Interface	SPI
Series	-	Memory Format	FLASH
Package / Case	8-SOIC (0.209", 5.30mm Width)	Clock Frequency	100 MHz
Package	Tube	Base Product Number	AT25DF321
Operating Temperature	-40°C ~ 85°C (TC)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Adesto Technologies AT25DF321A-SH-B

Product Attribute				
Part Number	AT25DF321A-SH-B	AT25DF321A-MH-T	AT25DF321-S3U	AT25DF641-S3H-B
Manufacturer	Adesto Technologies	Adesto Technologies	Adesto Technologies	Adesto Technologies
Base Product Number	AT25DF321	AT25DF321	AT25DF321	AT25DF641
Memory Size	32Mbit	32Mbit	32Mbit	64Mbit
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Write Cycle Time - Word, Page	7µs, 3ms	7µs, 3ms	6µs, 5ms	7µs, 3ms
Clock Frequency	100 MHz	100 MHz	70 MHz	100 MHz
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)
Memory Interface	SPI	SPI	SPI	SPI
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-UDFN Exposed Pad	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Memory Organization	256 Bytes x 16384 pages	256 Bytes x 16384 pages	256 Bytes x 16384 pages	256 Bytes x 32K pages
Memory Format	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	8-SOIC	8-UDFN (5x6)	16-SOIC	16-SOIC
Package	Tube	Tape & Reel (TR)	Tube	Tube
Technology	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### AT25DF321A-SH-B Datasheet PDF

Download AT25DF321A-SH-B pdf datasheets and Adesto Technologies documentation for AT25DF321A-SH-B - Adesto Technologies.

#### Environmental Information

[Halogen Free Cert.pdf](#)

[PAH Free Cert.pdf](#)

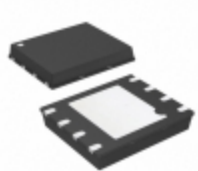
[Phthalates Free Cert.pdf](#)

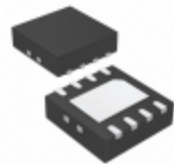
#### PCN Assembly/Origin

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products



**AT25DF321A-MH-T**Adesto Technologies  
IC FLASH 32MBIT SPI 100MHZ  
8UDFN**AT25DF321-S3U**Adesto Technologies  
IC FLASH 32MBIT SPI 70MHZ  
16SOIC**AT25DF641-S3H-B**Adesto Technologies  
IC FLASH 64MBIT SPI 16SOIC**AT25DF321A-SH**

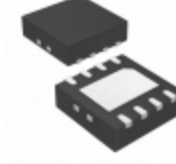
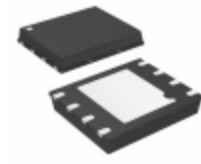
Atmel (Microchip Technology)

**AT25DF641-S3H**

Atmel (Microchip Technology)

**AT25DF161-SH-T**Microchip Technology  
IC FLASH 16MBIT SPI 100MHZ  
8SOIC**AT25DF641-SH**

Atmel (Microchip Technology)

**AT25DF161-SH-T**Adesto Technologies  
IC FLASH 16MBIT SPI 100MHZ  
8SOIC**AT25DF641-MWH-Y**Adesto Technologies  
IC FLASH 64MBIT SPI 100MHZ  
8UDFN**AT25DF641-S3H-T**Adesto Technologies  
IC FLASH 64MBIT SPI 16SOIC**AT25DF161-SH-T**Microchip Technology  
IC FLASH 16MBIT SPI 100MHZ  
8SOIC**AT25DF321A-SH-T**Adesto Technologies  
IC FLASH 32MBIT SPI 100MHZ  
8SOIC**AT25DF641-MWH**

Atmel (Microchip Technology)

**AT25DF256-MAHN-T**Adesto Technologies  
IC FLASH 256KBIT SPI 8UDFN**AT25DF512C-MAHN-T**Adesto Technologies  
IC FLASH 512KBIT SPI 8UDFN**AT25DF161-SSH-T**Adesto Technologies  
IC FLASH 16MBIT SPI 100MHZ  
8SOIC**AT25DF641-MWH-T**Adesto Technologies  
IC FLASH 64MBIT SPI 100MHZ  
8UDFN**AT25DF321-SU**Adesto Technologies  
IC FLASH 32MBIT SPI 70MHZ 8SOIC

## 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



[View More](#)

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