

Image may be representation.  
See specifications for product details.



## AT45DB081D-MU-2.5

Manufacturer Part Number	<b>AT45DB081D-MU-2.5</b>
Manufacturer	<b>Adesto Technologies</b>
Allelco Part Number	32D-AT45DB081D-MU-2.5
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 8MBIT SPI 50MHZ 8VDFN
Package	8-VDFN Exposed Pad
Data sheet	<b>AT45DB081D Datasheet.pdf</b>

**Get a Quote**

AT45DB081D-MU-2.5 - Adesto Technologies.New Original in Stock. Download Linear Technology AT45DB081D-MU-2.5 datasheet/specifications on AllelcoElec.com.  
Request a quote for AT45DB081D-MU-2.5, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT45DB081D-MU-2.5 Tech Specifications  
AT45DB081D-MU-2.5 - 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	4ms	Memory Type	Non-Volatile
Voltage - Supply	2.5V ~ 3.6V	Memory Size	8Mbit
Technology	FLASH	Memory Organization	264 Bytes x 4096 pages
Supplier Device Package	8-VDFN (6x5)	Memory Interface	SPI
Series	-	Memory Format	FLASH
Package / Case	8-VDFN Exposed Pad	Clock Frequency	50 MHz
Package	Tray	Base Product Number	AT45DB081
Operating Temperature	-40°C ~ 85°C (TC)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Adesto Technologies AT45DB081D-MU-2.5

Product Attribute				
Part Number	AT45DB081D-MU-2.5	AT45DB081B-TC	AT45DB081D-SSU-SL954	AT45DB081D-MU
Manufacturer	Adesto Technologies	Microchip Technology	Adesto Technologies	Adesto Technologies
Series	-	-	-	-
Package / Case	8-VDFN Exposed Pad	28-TSSOP (0.465", 11.80mm Width)	8-SOIC (0.154", 3.90mm Width)	8-VDFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	8-VDFN (6x5)	28-TSOP	8-SOIC	8-VDFN (6x5)
Voltage - Supply	2.5V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Package	Tray	Tray	Bulk	Tray
Memory Format	FLASH	FLASH	FLASH	FLASH
Memory Organization	264 Bytes x 4096 pages	264 Bytes x 4096 pages	256 Bytes x 4096 pages	264 Bytes x 4096 pages
Operating Temperature	-40°C ~ 85°C (TC)	0°C ~ 70°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)
Memory Interface	SPI	SPI	SPI	SPI
Technology	FLASH	FLASH	FLASH	FLASH
Memory Size	8Mbit	8Mbit	8Mbit	8Mbit
Clock Frequency	50 MHz	20 MHz	66 MHz	66 MHz
Write Cycle Time - Word, Page	4ms	14ms	4ms	4ms
Base Product Number	AT45DB081	AT45DB081	AT45DB081	AT45DB081

### AT45DB081D-MU-2.5 Datasheet PDF

Download AT45DB081D-MU-2.5 pdf datasheets and Adesto Technologies documentation for AT45DB081D-MU-2.5 - Adesto Technologies.

#### Datasheets

AT45DB081D Datasheet.pdf

#### Environmental Information

Halogen Free Cert.pdf

PAH Free Cert.pdf

Phthalates Free Cert.pdf

#### PCN Obsolescence/ EOL






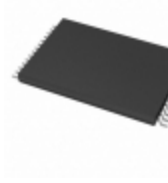






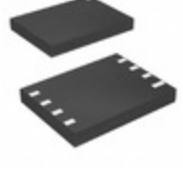





AT45DB081D Devices Revision 16/Jan/2014.pdf

AT45DB081D Series 10/Sep/2013.pdf

AT45DB081D Series LTB Update 31/Oct/2013.pdf

### Customers Also Interested in

#### Recommended Products

					
<b>AT45DB081B-TC</b> Microchip Technology IC FLASH 8MBIT SPI 20MHZ 28TSOP	<b>AT45DB081D-SSU-SL954</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC	<b>AT45DB081D-MU</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8VDFN	<b>AT45DB081B-TI</b> Microchip Technology IC FLASH 8MBIT SPI 20MHZ 28TSOP	<b>AT45DB081D-SU-SL383</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC	<b>AT45DB081B-TC-2.5</b> Microchip Technology IC FLASH 8MBIT SPI 15MHZ 28TSOP
					
<b>AT45DB081D-SU-2.5</b> Adesto Technologies IC FLASH 8MBIT SPI 50MHZ 8SOIC	<b>AT45DB081D-SSU-SL383</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC	<b>AT45DB081D-SSU-SL955</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC	<b>AT45DB081B-RU</b> Atmel (Microchip Technology)	<b>AT45DB081B-RI</b> Microchip Technology IC FLASH 8MBIT SPI 20MHZ 28SOIC	<b>AT45DB081D-SSU</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC
					
<b>AT45DB081B-CNU-2.5</b> Microchip Technology IC FLASH 8MBIT SPI 15MHZ 8CASON	<b>AT45DB081D-SU-SL955</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC	<b>AT45DB081D-SU</b> Adesto Technologies IC FLASH 8MBIT SPI 66MHZ 8SOIC	<b>AT45DB081B-RC</b> Microchip Technology IC FLASH 8MBIT SPI 20MHZ 28SOIC	<b>AT45DB081B-TU</b> Microchip Technology IC FLASH 8MBIT SPI 20MHZ 28TSOP	<b>AT45DB081D-SSU-ND</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.

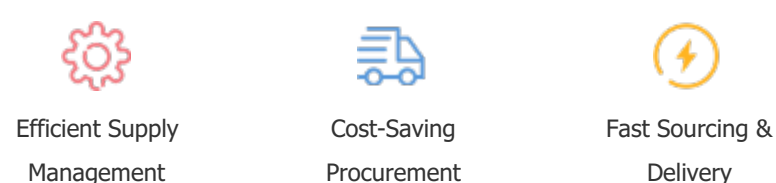
## Payment Support

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



[View More](#)