

Image may be representation.
See specifications for product details.



AT25DF081A-MH-Y

Manufacturer Part Number	AT25DF081A-MH-Y
Manufacturer	Adesto Technologies
Allelco Part Number	32D-AT25DF081A-MH-Y
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 8MBIT SPI 100MHZ 8UDFN
Package	8-UDFN Exposed Pad
Data sheet	AT25DF081A-MH-Y.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT25DF081A-MH-Y - Adesto Technologies.New Original in Stock. Download Linear Technology AT25DF081A-MH-Y datasheet/specifications on AllelcoElec.com.
Request a quote for AT25DF081A-MH-Y, please send us email: info@allelco.com

Specifications

AT25DF081A-MH-Y Tech Specifications
AT25DF081A-MH-Y - 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	8Mbit
Technology	FLASH	Memory Organization	256 Bytes x 4096 pages
Supplier Device Package	8-UDFN (5x6)	Memory Interface	SPI
Series	-	Memory Format	FLASH
Package / Case	8-UDFN Exposed Pad	Clock Frequency	100 MHz
Package	Tray	Base Product Number	AT25DF081
Operating Temperature	-40°C ~ 85°C (TC)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Adesto Technologies AT25DF081A-MH-Y

Product Attribute				
Part Number	AT25DF081A-MH-Y	AT25DF081A-SH-B	AT25DF161-MH-T	AT25DF041B-XMHNHR-T
Manufacturer	Adesto Technologies	Adesto Technologies	Microchip Technology	Adesto Technologies
Memory Interface	SPI	SPI	SPI	SPI
Clock Frequency	100 MHz	100 MHz	100 MHz	85 MHz
Voltage - Supply	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	1.7V ~ 3.6V
Package	Tray	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Memory Size	8Mbit	8Mbit	16Mbit	4Mbit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Format	FLASH	FLASH	FLASH	FLASH
Package / Case	8-UDFN Exposed Pad	8-SOIC (0.209", 5.30mm Width)	8-UDFN Exposed Pad	8-TSSOP (0.173", 4.40mm Width)
Write Cycle Time - Word, Page	7µs, 3ms	7µs, 3ms	7µs, 3ms	8µs, 2.5ms
Base Product Number	AT25DF081	AT25DF081	AT25DF161	AT25DF041
Technology	FLASH	FLASH	FLASH	FLASH
Memory Organization	256 Bytes x 4096 pages	256 Bytes x 4096 pages	2M x 8	512K x 8
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 125°C (TC)
Supplier Device Package	8-UDFN (5x6)	8-SOIC	8-UDFN (5x6)	8-TSSOP
Series	-	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile

AT25DF081A-MH-Y Datasheet PDF

Download AT25DF081A-MH-Y pdf datasheets and Adesto Technologies documentation for AT25DF081A-MH-Y - Adesto Technologies.

Environmental Information

Halogen Free Cert.pdf

PAH Free Cert.pdf

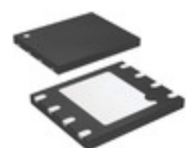
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2.73KHz.pdf

Customers Also Interested in

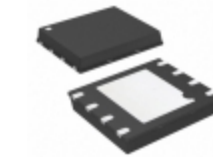
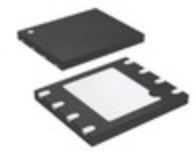
Recommended Products



AT25DF041SSH Atmel (Microchip Technology)	AT25DF081A-SH-B Adesto Technologies IC FLASH 8MBIT SPI 100MHZ 8SOIC	AT25DF161-MH-T Microchip Technology IC FLASH 16MBIT SPI 100MHZ 8UDFN	AT25DF041B-XMHNHR-T Adesto Technologies IC FLASH 4MBIT SPI 85MHZ 8TSSOP	AT25DF081-SSH-N-T Atmel (Microchip Technology)	AT25DF081A-SSH-T Adesto Technologies IC FLASH 8MBIT SPI 100MHZ 8SOIC
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AT25DF081A-SH-B-T Adesto Technologies	AT25DF081-MHN Atmel (Microchip Technology)	AT25DF161-MH Atmel (Microchip Technology)	AT25DF081A-SSH Atmel (Microchip Technology)	AT25DF081A-SH Atmel (Microchip Technology)	AT25DF081-MH-1.8 Atmel (Microchip Technology)
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AT25DF081A-SH-T Adesto Technologies IC FLASH 8MBIT SPI 100MHZ 8SOIC	AT25DF161-MH-Y Microchip Technology IC FLASH 16MBIT SPI 100MHZ 8UDFN	AT25DF081A-SSH-B Adesto Technologies IC FLASH 8MBIT SPI 100MHZ 8SOIC	AT25DF081-UUN-T Atmel (Microchip Technology)	AT25DF081A-MH-T Adesto Technologies IC FLASH 8MBIT SPI 100MHZ 8UDFN	AT25DF041B-SSHNR-T Adesto Technologies IC FLASH 4MBIT SPI 85MHZ 8SOIC
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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.

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Certifications & Memberships



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Contact us

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