



Image may be representation.
See specifications for product details.



AT45DB641E-UUN2B-T

Manufacturer Part Number	AT45DB641E-UUN2B-T
Manufacturer	Adesto Technologies
Allelco Part Number	32D-AT45DB641E-UUN2B-T
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 64MBIT SPI 44WLCSP
Package	44-UFBGA, WLCSP
Data sheet	AT45DB641E-UUN2B-T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT45DB641E-UUN2B-T - Adesto Technologies.New Original in Stock. Download Linear Technology AT45DB641E-UUN2B-T datasheet/specifications on AllelcoElec.com. Request a quote for AT45DB641E-UUN2B-T, please send us email: info@allelco.com

Specifications

AT45DB641E-UUN2B-T Tech Specifications

AT45DB641E-UUN2B-T - 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	8µs, 5ms	Memory Type	Non-Volatile
Voltage - Supply	1.7V ~ 3.6V	Memory Size	64Mbit
Technology	FLASH	Memory Organization	256 Bytes x 32K pages
Supplier Device Package	44-WLCSP (3.52x4.22)	Memory Interface	SPI
Series	-	Memory Format	FLASH
Package / Case	44-UFBGA, WLCSP	Clock Frequency	85 MHz
Package	Tape & Reel (TR)	Base Product Number	AT45DB641
Operating Temperature	-40°C ~ 85°C (TC)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Adesto Technologies AT45DB641E-UUN2B-T

Product Attribute				
Part Number	AT45DB641E-UUN2B-T	AT45DB641E-MWHN-Y	AT45DB642-TC	AT45DB641E-SHN-B
Manufacturer	Adesto Technologies	Renesas Design Germany GmbH	Microchip Technology	Adesto Technologies
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	44-WLCSP (3.52x4.22)	8-VDFN (6x8)	40-TSOP	8-SOIC
Base Product Number	AT45DB641	AT45DB641	AT45DB642	AT45DB641
Memory Interface	SPI	SPI	Parallel, SPI	SPI
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	0°C ~ 70°C (TC)	-40°C ~ 85°C (TC)
Write Cycle Time - Word, Page	8µs, 5ms	8µs, 5ms	14ms	8µs, 5ms
Memory Format	FLASH	FLASH	FLASH	FLASH
Package	Tape & Reel (TR)	Tray	Tray	Tube
Series	-	-	-	-
Package / Case	44-UFBGA, WLCSP	8-VDFN Exposed Pad	40-TFSOP (0.724", 18.40mm Width)	8-SOIC (0.209", 5.30mm Width)
Clock Frequency	85 MHz	85 MHz	20 MHz	85 MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Size	64Mbit	64Mbit	64Mbit	64Mbit
Technology	FLASH	FLASH	FLASH	FLASH
Voltage - Supply	1.7V ~ 3.6V	1.7V ~ 3.6V	2.7V ~ 3.6V	1.7V ~ 3.6V
Memory Organization	256 Bytes x 32K pages	264 Bytes x 32K pages	1056 Bytes x 8192 pages	264 Bytes x 32K pages

AT45DB641E-UUN2B-T Datasheet PDF

Download AT45DB641E-UUN2B-T pdf datasheets and Adesto Technologies documentation for AT45DB641E-UUN2B-T - Adesto Technologies.

Environmental Information

Halogen Free Cert.pdf

PAH Free Cert.pdf

Phthalates Free Cert.pdf

Customers Also Interested in

Recommended Products

AT45DB641E-MWHN-Y
Renesas Design Germany GmbH
IC FLASH 64MBIT SPI 85MHZ 8VDFN

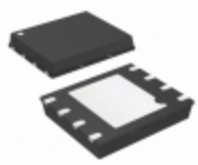
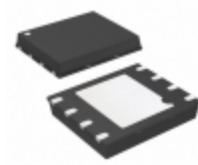
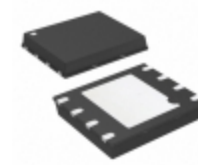
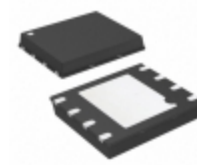
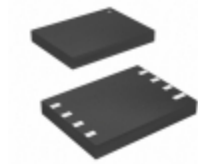
AT45DB642D
Atmel (Microchip Technology)

AT45DB642-TC
Microchip Technology
IC FLASH 64MBIT PARALLEL 40TSOP

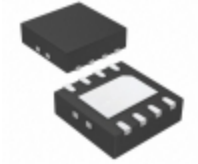
AT45DF041A-SSH
Atmel (Microchip Technology)

AT45DB642-TU
Atmel (Microchip Technology)

AT45DB641E-SHN-B
Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 8SOIC

**AT45DB641E-MHN-Y**Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 8UDFN**AT45DQ161-SHF-T**Adesto Technologies
IC FLASH 16MBIT SPI/QUAD 8SOIC**AT45DB641E-SHN2B-T**Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 8SOIC**AT45DB641E-MHN-T**Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 8UDFN**AT45DB641E-MHN2B-T**Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 8UDFN**AT45DQ161-MHF-Y**Adesto Technologies
IC FLASH 16MBIT SPI/QUAD 8UDFN**AT45DB641E-UUN**

Atmel (Microchip Technology)

**AT45DB642D-CNU**Adesto Technologies
IC FLASH 64MBIT SPI 66MHZ 8CASON**AT45DB641E-MWHN-T**Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 8VDFN**AT45DB642D-TU**Adesto Technologies
IC FLASH 64MBIT SPI 66MHZ 28TSOP**AT45DB642-TI**Microchip Technology
IC FLASH 64MBIT PARALLEL 40TSOP**AT45DB641E-SHN-T**Adesto Technologies
IC FLASH 64MBIT SPI 85MHZ 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

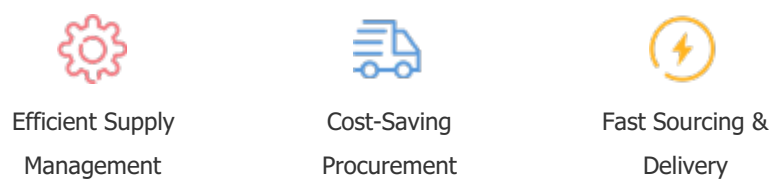
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

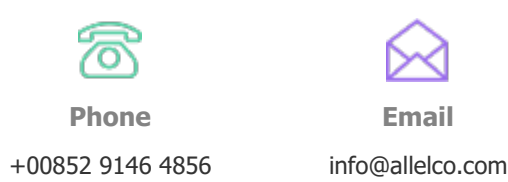
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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