



Image may be representation.
See specifications for product details.



AT45DB161E-SSHD-B

Manufacturer Part Number	AT45DB161E-SSHD-B
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT45DB161E-SSHD-B
ECAD Model	Request Free CAD Models
Parts Description	IC FLASH 16MBIT SPI 85MHZ 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT45DB161E-SSHD-B - Microchip Technology. New Original in Stock. Download Linear Technology AT45DB161E-SSHD-B datasheet/specifications on AllelcoElec.com. Request a quote for AT45DB161E-SSHD-B, please send us email: info@allelco.com

Specifications

AT45DB161E-SSHD-B Tech Specifications
AT45DB161E-SSHD-B - 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	8µs, 6ms	Memory Type	Non-Volatile
Voltage - Supply	2.5V ~ 3.6V	Memory Size	16Mbit
Technology	FLASH	Memory Organization	528 Bytes x 4096 pages
Supplier Device Package	8-SOIC	Memory Interface	SPI
Series	-	Memory Format	FLASH
Package / Case	8-SOIC (0.154', 3.90mm Width)	Clock Frequency	85 MHz
Package	Tube	Base Product Number	AT45DB161
Operating Temperature	-40°C ~ 85°C (TC)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT45DB161E-SSHD-B

Product Attribute				
Part Number	AT45DB161E-SSHD-B	AT45DB161E-SHF2B-T	AT45DB161E-SHFHC-T	AT45DB321B-CI
Manufacturer	Microchip Technology	Adesto Technologies	Adesto Technologies	Microchip Technology
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	44-CBGA (6x12)
Base Product Number	AT45DB161	AT45DB161	AT45DB161	AT45DB321
Technology	FLASH	FLASH	FLASH	FLASH
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209', 5.30mm Width)	44-TBGA, CSPBGA
Memory Format	FLASH	FLASH	FLASH	FLASH
Memory Interface	SPI	SPI	SPI	SPI
Voltage - Supply	2.5V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V	2.7V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Write Cycle Time - Word, Page	8µs, 6ms	8µs, 4ms	8µs, 4ms	14ms
Series	-	-	-	-
Clock Frequency	85 MHz	85 MHz	85 MHz	20 MHz
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)
Memory Organization	528 Bytes x 4096 pages	512 Bytes x 4096 pages	528 Bytes x 4096 pages	528 Bytes x 8192 pages
Memory Size	16Mbit	16Mbit	16Mbit	32Mbit
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tray

AT45DB161E-SSHD-B Datasheet PDF

Download AT45DB161E-SSHD-B pdf datasheets and Microchip Technology documentation for AT45DB161E-SSHD-B - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

Customers Also Interested in

Recommended Products



AT45DB161E-SHF2B-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SHFHC-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB321B-CI
Microchip Technology
IC FLASH 32MBIT SPI 20MHZ
44CBGA

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

AT45DB161E-SHD-T
Microchip Technology
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB321-TC
Microchip Technology
IC FLASH 32MBIT SPI 13MHZ
32TSOP



AT45DB161E-SHD-T.
Atmel (Microchip Technology)

AT45DB161E-SSHD-B
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB321B-CC
Microchip Technology
IC FLASH 32MBIT SPI 20MHZ
44CBGA

AT45DB161E-SHFHA-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SSHD-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

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



AT45DB161E-SSHFHA-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SHF-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SHD2B-T
Microchip Technology
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SSHFHC-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SHD2B-T
Adesto Technologies
IC FLASH 16MBIT SPI 85MHZ 8SOIC

AT45DB161E-SSHF-T
Adesto Technologies
IC FLASH 16MBIT 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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



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Email
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Certifications & Memberships



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