

Image may be representation.  
See specifications for product details.



## AT25320B-SSHL-B

Manufacturer Part Number	<b>AT25320B-SSHL-B</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT25320B-SSHL-B
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 32KBIT SPI 20MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AT25320B-SSHL-B - Microchip Technology. New Original in Stock. Download Linear Technology AT25320B-SSHL-B datasheet/specifications on AllelcoElec.com. Request a quote for AT25320B-SSHL-B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT25320B-SSHL-B Tech Specifications

AT25320B-SSHL-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	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.8V ~ 5.5V	Memory Size	32Kbit
Technology	EEPROM	Memory Organization	4K x 8
Supplier Device Package	8-SOIC	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	20 MHz
Package	Tube	Base Product Number	AT25320
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT25320B-SSHL-B

Product Attribute				
Part Number	AT25320B-SSHL-B	<b>AT25320AN-SQ27T7</b>	AT25320B-SSPDGV-T	AT25320B-SSHL-T
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	SPI	SPI	SPI	SPI
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	Automotive, AEC-Q100	-
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Base Product Number	AT25320	AT25320	AT25320	AT25320
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Clock Frequency	20 MHz	5 MHz	5 MHz	20 MHz
Memory Size	32Kbit	32Kbit	32Kbit	32Kbit
Memory Organization	4K x 8	4K x 8	4K x 8	4K x 8
Voltage - Supply	1.8V ~ 5.5V	2.7V ~ 5.5V	2.5V ~ 5.5V	1.8V ~ 5.5V
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package	Tube	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms

### AT25320B-SSHL-B Datasheet PDF

Download AT25320B-SSHL-B pdf datasheets and Microchip Technology documentation for AT25320B-SSHL-B - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

[Boxes 07/Dec/2016.pdf](#)

#### PCN Design/Specification

[Marking Chgs 11/Jul/2017.pdf](#)



















[AT25080B/160B/320B/640B 28/Feb/2020.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>AT25320B-SSPD-T</b> Atmel (Microchip Technology)	<b>AT25320AN-SQ-2.7</b> Atmel (Microchip Technology)	<b>AT25320AY1-10YU-1.8</b> Atmel (Microchip Technology)	<b>AT25320AN-SQ27T7</b> Atmel IC EEPROM 32KBIT SPI 5MHZ 8SOIC	<b>AT25320B-SSPDGV-T</b> Microchip Technology IC EEPROM 32KBIT SPI 5MHZ 8SOIC	<b>AT25320AN-SU27</b> Atmel (Microchip Technology)
					
<b>AT25320B-SSHL-T</b> Microchip Technology IC EEPROM 32KBIT SPI 20MHZ 8SOIC	<b>AT25320AN-SU1.8</b> Atmel (Microchip Technology)	<b>AT25320AN-SE-2.7</b> Atmel (Microchip Technology)	<b>AT25320N</b> Atmel (Microchip Technology)	<b>AT25320N-10SC</b> Microchip Technology IC EEPROM 32KBIT SPI 3MHZ 8SOIC	<b>AT25320B-XHL-T</b> Microchip Technology IC EEPROM 32KBIT SPI 8TSSOP
					
<b>AT25320AY6-10YH-1.8</b> Microchip Technology IC EEPROM 32KBIT SPI 8MINI MAP	<b>AT25320AN-SQ27</b> Atmel (Microchip Technology)	<b>AT25320B-MAHL-T</b> Microchip Technology IC EEPROM 32KBIT SPI 20MHZ 8UDFN	<b>AT25320B-XPD-T</b> Atmel (Microchip Technology)	<b>AT25320BN-SH-B</b> Atmel (Microchip Technology)	<b>AT25320B-XPDGV-T</b> Microchip Technology IC EEPROM 32KBIT SPI 5MHZ 8TSSOP

## 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

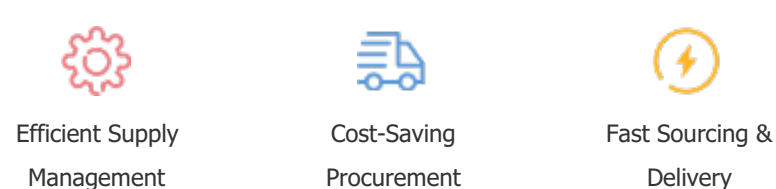
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

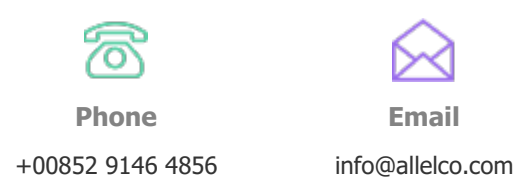
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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