

Image may be representation.  
See specifications for product details.



## AT25256B-XHL-B

Manufacturer Part Number	<b>AT25256B-XHL-B</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT25256B-XHL-B
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 256KBIT SPI 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>AT25128B,256B.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AT25256B-XHL-B - Microchip Technology.New Original in Stock. Download Linear Technology AT25256B-XHL-B datasheet/specifications on AllelcoElec.com. Request a quote for AT25256B-XHL-B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT25256B-XHL-B Tech Specifications

AT25256B-XHL-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	256Kbit
Technology	EEPROM	Memory Organization	32K x 8
Supplier Device Package	8-TSSOP	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	20 MHz
Package	Tube	Base Product Number	AT25256
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT25256B-XHL-B

Product Attribute				
Part Number	AT25256B-XHL-B	AT25256B-SSHL-B	AT25256B-SSHL-B	AT25256T2-10TI-2.7
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Size	256Kbit	256Kbit	256Kbit	256Kbit
Memory Organization	32K x 8	32K x 8	32K x 8	32K x 8
Package	Tube	Tube	Bulk	Tube
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	AT25256	AT25256	AT25256	AT25256
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Clock Frequency	20 MHz	20 MHz	20 MHz	3 MHz
Memory Interface	SPI	SPI	SPI	SPI
Supplier Device Package	8-TSSOP	8-SOIC	8-SOIC	20-TSSOP
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	20-TSSOP (0.173", 4.40mm Width)
Series	-	-	-	-
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms

### AT25256B-XHL-B Datasheet PDF

Download AT25256B-XHL-B pdf datasheets and Microchip Technology documentation for AT25256B-XHL-B - Microchip Technology.

#### 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



















AT25128B/AT25256B 08/May/2019.pdf

#### HTML Datasheet

AT25128B,256B.pdf

### Customers Also Interested in

#### Recommended Products

 <b>AT25256B-SSHL-B</b> Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	 <b>AT25256W-10SA-2.7C</b> Atmel (Microchip Technology)	 <b>AT25256C1-10CI-2.7</b> AT	 <b>AT25256B-XHL</b> Atmel (Microchip Technology)	 <b>AT25256B-SSHL-B</b> Atmel IC EEPROM 256KBIT SPI 8SOIC	 <b>AT25256B-SSHL</b> Atmel (Microchip Technology)
 <b>AT25256B-XPDGV-T</b> Micrel / Microchip Technology	 <b>AT25256T12.7</b> Atmel (Microchip Technology)	 <b>AT25256BW-SSHL-T</b> Atmel (Microchip Technology)	 <b>AT25256B-SSPD-T</b> Atmel (Microchip Technology)	 <b>AT25256B-SHL-T</b> Atmel (Microchip Technology)	 <b>AT25256T2-10TI-2.7</b> Microchip Technology IC EEPROM 256KBIT SPI 20TSSOP
 <b>AT25256W-10SI</b> Microchip Technology IC EEPROM 256KBIT SPI 3MHZ 8SOIC	 <b>AT25256B-SS HL-T</b> Atmel (Microchip Technology)	 <b>AT25256B-XHL-T</b> Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP	 <b>AT25256B-SSPDGV-T</b> Microchip Technology IC EEPROM 256KBIT SPI 5MHZ 8SOIC	 <b>AT25256WB</b> Atmel (Microchip Technology)	 <b>AT25256B-SSHL-T</b> Microchip Technology IC EEPROM 256KBIT SPI 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.

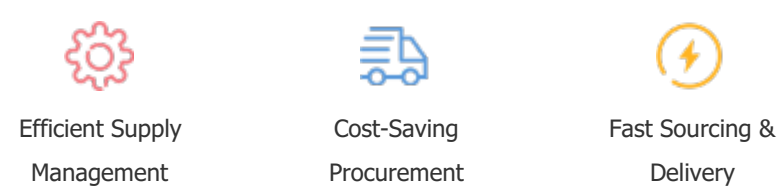
## Payment Support

The payment method can be chosen from the methods shown below:

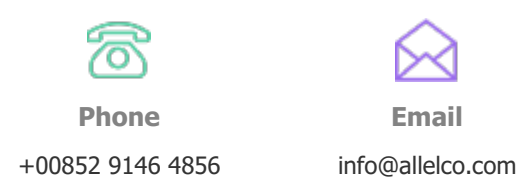
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Phone  
+00852 9146 4856

Email  
info@allelco.com

## Certifications & Memberships



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