

Image may be representation.
See specifications for product details.



AT24C256B-TH-B

Manufacturer Part Number	AT24C256B-TH-B
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C256B-TH-B
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 256KBIT I2C 8TSSOP
Package	8-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C256B-TH-B - Microchip Technology.New Original in Stock. Download Linear Technology AT24C256B-TH-B datasheet/specifications on AllelcoElec.com.
Request a quote for AT24C256B-TH-B, please send us email: info@allelco.com

Specifications

AT24C256B-TH-B Tech Specifications
AT24C256B-TH-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	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-TSSOP (0.173', 4.40mm Width)	Clock Frequency	1 MHz
Package	Tube	Base Product Number	AT24C256
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	550 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C256B-TH-B

Product Attribute				
Part Number	AT24C256B-TH-B	AT24C256BN-SH-B	AT24C256-10UI-2.7	AT24C256B-PU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Supplier Device Package	8-TSSOP	8-SOIC	8-dBGA (3.81x2.34)	8-PDIP
Memory Organization	32K x 8	32K x 8	32K x 8	32K x 8
Package	Tube	Tube	Tray	Tube
Write Cycle Time - Word, Page	5ms	5ms	10ms	5ms
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Interface	I ² C	I ² C	I ² C	I ² C
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Access Time	550 ns	550 ns	550 ns	550 ns
Package / Case	8-TSSOP (0.173', 4.40mm Width)	8-SOIC (0.154', 3.90mm Width)	8-VFBGA	8-DIP (0.300', 7.62mm)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Size	256Kbit	256Kbit	256Kbit	256Kbit
Base Product Number	AT24C256	AT24C256	AT24C256	AT24C256
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz

AT24C256B-TH-B Datasheet PDF

Download AT24C256B-TH-B pdf datasheets and Microchip Technology documentation for AT24C256B-TH-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

 AT24C256BU2-10UU-1.8 Atmel (Microchip Technology)	 AT24C256BN-10SU1.8 ATMEL/PBF	 AT24C256BN-SH-B Microchip Technology IC EEPROM 256KBIT I2C 1MHZ 8SOIC	 AT24C256BN-SH Atmel (Microchip Technology)	 AT24C256-10UI-2.7 Microchip Technology IC EEPROM 256KBIT I2C 1MHZ 8DBGA	 AT24C256-PC Atmel (Microchip Technology)
 AT24C256B-10TU-1.8	 AT24C256B-PU Microchip Technology IC EEPROM 256KBIT I2C 1MHZ 8DIP	 AT24C256-10SI-2.7 Atmel (Microchip Technology)	 AT24C256BU2-UU-T Atmel (Microchip Technology)	 AT24C256-10PU-2.7 Microchip Technology IC EEPROM 256KBIT I2C 1MHZ 8DIP	 AT24C256-10TU-2.7 Microchip Technology IC EEPROM 256KBIT I2C 8TSSOP
 AT24C256BN-SH-T Microchip Technology IC EEPROM 256KBIT I2C 1MHZ 8SOIC	 AT24C256BN-10SU-2.7 Atmel (Microchip Technology)	 AT24C256B-TH-T Microchip Technology IC EEPROM 256KBIT I2C 8TSSOP	 AT24C256BN-SU1.8 Atmel (Microchip Technology)	 AT24C256BN-10SU-1.8 Atmel IC EEPROM 256KBIT I2C 1MHZ 8SOIC	 AT24C256-10TI-2.7 Microchip Technology IC EEPROM 256KBIT I2C 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.

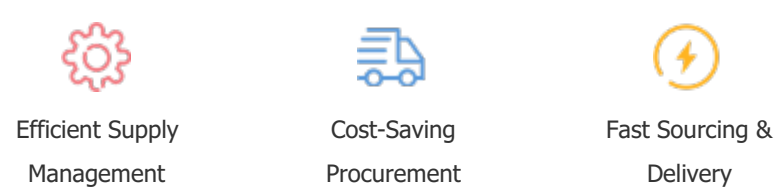
Contact us if you have any questions.

Payment Support

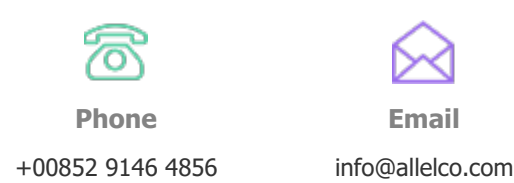
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)