

Image may be representation.  
See specifications for product details.



## 25AA256T-I/SN

Manufacturer Part Number	<b>25AA256T-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-25AA256T-I/SN
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 256KBIT SPI 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

25AA256T-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 25AA256T-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 25AA256T-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

25AA256T-I/SN Tech Specifications

25AA256T-I/SN - 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-SOIC	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154', 3.90mm Width)	Clock Frequency	10 MHz
Package	Tape & Reel (TR)	Base Product Number	25AA256
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25AA256T-I/SN

Product Attribute				
Part Number	25AA256T-I/SN	25AA320AT-I/MNY	25AA256-I/SM	25AA256T-I/MF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Memory Organization	32K x 8	4K x 8	32K x 8	32K x 8
Memory Size	256Kbit	32Kbit	256Kbit	256Kbit
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-WDFDN Exposed Pad	8-SOIC (0.209', 5.30mm Width)	8-VDFN Exposed Pad
Supplier Device Package	8-SOIC	8-TDFN (2x3)	8-SOIJ	8-DFN-S (6x5)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Clock Frequency	10 MHz	10 MHz	10 MHz	10 MHz
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Memory Interface	SPI	SPI	SPI	SPI
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	25AA256	25AA320	25AA256	25AA256

### 25AA256T-I/SN Datasheet PDF

Download 25AA256T-I/SN pdf datasheets and Microchip Technology documentation for 25AA256T-I/SN - Microchip Technology.

#### Datasheets

Cylindrical Battery Holders.pdf

#### PCN Packaging

Packing Changes 10/Oct/2016.pdf

Reel Design Update 07/May/2015.pdf

#### PCN Assembly/Origin

2.73KHz.pdf




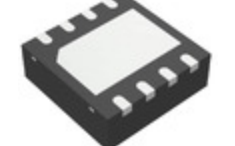














#### PCN Design/Specification

25AA256/25LC256 23/Jul/2021.pdf

25AA256/25LC256 28/Aug/2019.pdf

## Customers Also Interested in

### Recommended Products

					
<b>25AA320AT-I/MNY</b> Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8DFN	<b>25AA256-I/SM</b> Microchip Technology IC EEPROM 256KBIT SPI 8SO1J	<b>25AA256I</b> MICROCHI	<b>25AA256T-I/MF</b> Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DFN	<b>25AA256T-I/ST</b> Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP	<b>25AA320T-I/SN</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8SOIC
					
<b>25AA256-I/P</b> Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DIP	<b>25AA320-I/P</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8DIP	<b>25AA256-I-SN</b> Micrel / Microchip Technology	<b>25AA320AT-I/MS</b> Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8MSOP	<b>25AA320X-I/ST</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8TSSOP	<b>25AA320-I/SN</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8SOIC
					
<b>25AA256-I/SN</b> Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	<b>25AA320A-I/SN</b> Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8SOIC	<b>25AA256-I/MF</b> Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DFN	<b>25AA256T-I/SM</b> Microchip Technology IC EEPROM 256KBIT SPI 8SO1J	<b>25AA256-E/SN</b> Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	<b>25AA256-I/ST</b> Microchip Technology IC EEPROM 256KBIT SPI 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.

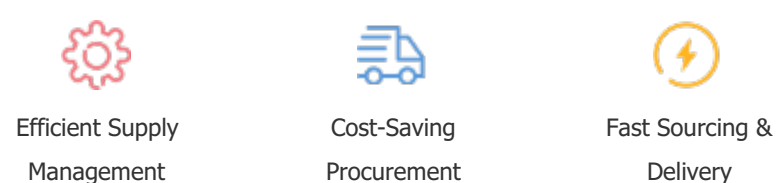
### Payment Support

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

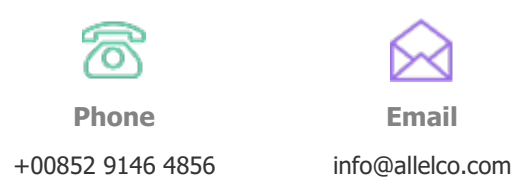
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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