

Image may be representation.  
See specifications for product details.



## 25AA320T-I/SN

Manufacturer Part Number	<b>25AA320T-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-25AA320T-I/SN
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 32KBIT SPI 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">25AA320, 25LC320, 25C320.pdf</a>
RoHs Status	ROHS3 Compliant

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25AA320T-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 25AA320T-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 25AA320T-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

25AA320T-I/SN Tech Specifications  
25AA320T-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	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	1 MHz
Package	Tape & Reel (TR)	Base Product Number	25AA320
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25AA320T-I/SN

Product Attribute				
Part Number	25AA320T-I/SN	<a href="#">25AA320AT-I/MS</a>	<a href="#">25AA512-I/MF</a>	<a href="#">25AA320-I/P</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Supplier Device Package	8-SOIC	8-MSOP	8-DFN-S (6x5)	8-PDIP
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-VDFN Exposed Pad	8-DIP (0.300", 7.62mm)
Memory Size	32Kbit	32Kbit	512Kbit	32Kbit
Memory Organization	4K x 8	4K x 8	64K x 8	4K x 8
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Series	-	-	-	-
Memory Interface	SPI	SPI	SPI	SPI
Clock Frequency	1 MHz	10 MHz	20 MHz	1 MHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Base Product Number	25AA320	25AA320	25AA512	25AA320
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

### 25AA320T-I/SN Datasheet PDF

Download 25AA320T-I/SN pdf datasheets and Microchip Technology documentation for 25AA320T-I/SN - Microchip Technology.

#### Datasheets

[25AA320, 25LC320, 25C320.pdf](#)

#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Reel Design Update 07/May/2015.pdf](#)

#### PCN Assembly/Origin


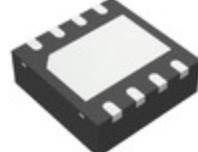










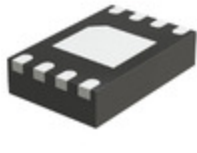





[Manufacturing Change 07/Apr/2022.pdf](#)

#### PCN Design/Specification

[CuPdAu Update 29/Jun/2015.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>25AA320AT-I/MS</b> Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8MSOP	<b>25AA512-I/MF</b> Microchip Technology IC EEPROM 512KBIT SPI 20MHZ 8DFN	<b>25AA320-I/P</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8DIP	<b>25AA320-I/SN</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8SOIC	<b>25AA256T-I/ST</b> Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP	<b>25AA512-I/P</b> Microchip Technology IC EEPROM 512KBIT SPI 20MHZ 8DIP
					
<b>25AA640-I/SN</b> Microchip Technology IC EEPROM 64KBIT SPI 1MHZ 8SOIC	<b>25AA512-I/SN</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25AA640A-E/ST</b> Microchip Technology IC EEPROM 64KBIT SPI 8TSSOP	<b>25AA32A-I/SN</b> Micrel / Microchip Technology	<b>25AA320X-I/ST</b> Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8TSSOP	<b>25AA640A-E/SN</b> Microchip Technology IC EEPROM 64KBIT SPI 10MHZ 8SOIC
					
<b>25AA320AT-I/MNY</b> Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8TDFN	<b>25AA640A-I/P</b> Microchip Technology IC EEPROM 64KBIT SPI 10MHZ 8DIP	<b>25AA320A-I/SN</b> Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8SOIC	<b>25AA256T-I/SN</b> Microchip Technology IC EEPROM 256KBIT SPI 8SOIC	<b>25AA512T-I/SN</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25AA256T-I/SM</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

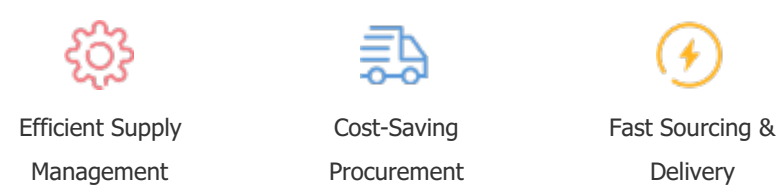
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

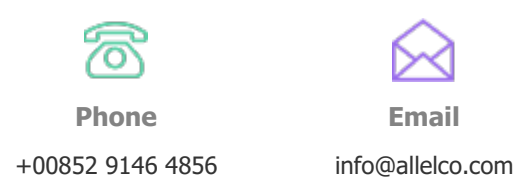
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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