




Image may be representation.  
See specifications for product details.

## 25LC640AT-I/MS

Manufacturer Part Number	25LC640AT-I/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-25LC640AT-I/MS
ECAD Model	 Request Free CAD Models
Parts Description	IC EEPROM 64KBIT SPI 10MHZ 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	25AA640A, 25LC640A.pdf
RoHs Status	 ROHS3 Compliant



25LC640AT-I/MS - Microchip Technology.New Original in Stock. Download Linear Technology 25LC640AT-I/MS datasheet/specifications on AllelcoElec.com.  
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### Specifications

25LC640AT-I/MS Tech Specifications  
25LC640AT-I/MS - 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	2.5V ~ 5.5V	Memory Size	64Kbit
Technology	EEPROM	Memory Organization	8K x 8
Supplier Device Package	8-MSOP	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Clock Frequency	10 MHz
Package	Tape & Reel (TR)	Base Product Number	25LC640
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology 25LC640AT-I/MS

Product Attribute				
Part Number	25LC640AT-I/MS	25LC640XT-I/ST	25LC640A-I/SN	25LC640AT-E/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	8K x 8	8K x 8	8K x 8	8K x 8
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)
Memory Interface	SPI	SPI	SPI	SPI
Supplier Device Package	8-MSOP	8-TSSOP	8-SOIC	8-TSSOP
Clock Frequency	10 MHz	2 MHz	10 MHz	10 MHz
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Memory Size	64Kbit	64Kbit	64Kbit	64Kbit
Base Product Number	25LC640	25LC640	25LC640	25LC640


### 25LC640AT-I/MS Datasheet PDF

Download 25LC640AT-I/MS pdf datasheets and Microchip Technology documentation for 25LC640AT-I/MS - Microchip Technology.

#### Datasheets


 25AA640A, 25LC640A.pdf


#### PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf


 Packing Changes 10/Oct/2016.pdf

#### PCN Design/Specification

 25LCYYY 18/Sep/2018.pdf


 25AA640A/25LC640A 30/Jun/2021.pdf

#### PCN Assembly/Origin


 25AA640A/25LC640A 17/Sep/2021.pdf

Customers Also Interested in


Recommended Products




**25LC640XT-I/ST**  
Microchip Technology  
IC EEPROM 64KBIT SPI 2MHZ 8TSSOP



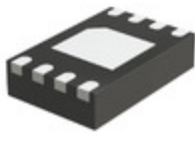
**25LF040A-33-4C-S2AE**  
SST




**25LC640A-I/SN**  
Microchip Technology  
IC EEPROM 64KBIT SPI 10MHZ 8SOIC




**25LC640AT-E/ST**  
Microchip Technology  
IC EEPROM 64KBIT SPI 8TSSOP




**25LC640AT-I/MNY**  
Microchip Technology  
IC EEPROM 64KBIT SPI 10MHZ 8TDFN




**25LC640T-I/SN**  
Microchip Technology  
IC EEPROM 64KBIT SPI 2MHZ 8SOIC




**25LC640AT-I/SN**  
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**25LC640AT-I/ST**  
Microchip Technology  
IC EEPROM 64KBIT SPI 8TSSOP




**25LC640AT-E/SN**  
Microchip Technology  
IC EEPROM 64KBIT SPI 10MHZ 8SOIC




**25LC640X-I/ST**  
Microchip Technology  
IC EEPROM 64KBIT SPI 2MHZ 8TSSOP




**25LC640A-E/ST**  
Microchip Technology  
IC EEPROM 64KBIT SPI 8TSSOP




**25LC640A-I/MS**  
Microchip Technology  
IC EEPROM 64KBIT SPI 10MHZ 8MSOP




**25LC640AT-E/MNY**  
Microchip Technology  
IC EEPROM 64KBIT SPI 10MHZ 8TDFN




**25LC640A-I/P**  
Microchip Technology  
IC EEPROM 64KBIT SPI 10MHZ 8DIP



**25LC640A-I/ST**  
Microchip Technology  
IC EEPROM 64KBIT SPI 8TSSOP



**25LC640AT-E**  
Micrel / Microchip Technology



**25LC640T-E/SN**  
Microchip Technology  
IC EEPROM 64KBIT SPI 3MHZ 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.




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Efficient Supply Management




Cost-Saving Procurement




Fast Sourcing & Delivery

**Contact us if you have any questions.**



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