

Image may be representation.  
See specifications for product details.



## 25LC640-E/SN

Manufacturer Part Number	<b>25LC640-E/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-25LC640-E/SN
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 64KBIT SPI 3MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

25LC640-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology 25LC640-E/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for 25LC640-E/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

25LC640-E/SN Tech Specifications  
25LC640-E/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	2.5V ~ 5.5V	Memory Size	64Kbit
Technology	EEPROM	Memory Organization	8K 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	3 MHz
Package	Tube	Base Product Number	25LC640
Operating Temperature	-40°C ~ 125°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25LC640-E/SN

Product Attribute				
Part Number	25LC640-E/SN	<b>25LC512T-E/SN</b>	25LC640A-I/MS	25LC640A-I/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Series	-	-	-	-
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Memory Organization	8K x 8	64K x 8	8K x 8	8K x 8
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP (0.173", 4.40mm Width)
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Clock Frequency	3 MHz	20 MHz	10 MHz	10 MHz
Memory Interface	SPI	SPI	SPI	SPI
Base Product Number	25LC640	25LC512	25LC640	25LC640
Memory Size	64Kbit	512Kbit	64Kbit	64Kbit
Package	Tube	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	8-SOIC	8-SOIC	8-MSOP	8-TSSOP

### 25LC640-E/SN Datasheet PDF

Download 25LC640-E/SN pdf datasheets and Microchip Technology documentation for 25LC640-E/SN - Microchip Technology.

#### Datasheets

Cylindrical Battery Holders.pdf

#### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

#### PCN Assembly/Origin





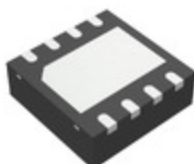













2.73KHz.pdf

#### PCN Design/Specification

CuPdAu Update 29/Jun/2015.pdf

## Customers Also Interested in

### Recommended Products

					
<b>25LC512T-E/SN</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25LC640A-I/MS</b> Microchip Technology IC EEPROM 64KBIT SPI 10MHZ 8MSOP	<b>25LC640A-I/ST</b> Microchip Technology IC EEPROM 64KBIT SPI 8TSSOP	<b>25LC512-I/SN</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25LC512-I/MF</b> Microchip Technology IC EEPROM 512KBIT SPI 20MHZ 8DFN	<b>25LC640-I/SN</b> Microchip Technology IC EEPROM 64KBIT SPI 2MHZ 8SOIC
					
<b>25LC512-E/SM</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25LC640A-E/ST</b> Microchip Technology IC EEPROM 64KBIT SPI 8TSSOP	<b>25LC640A-I/SN</b> Microchip Technology IC EEPROM 64KBIT SPI 10MHZ 8SOIC	<b>25LC512T-E/SM</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25LC640A-E/SN</b> Microchip Technology IC EEPROM 64KBIT SPI 10MHZ 8SOIC	<b>25LC640-I/P</b> Microchip Technology IC EEPROM 64KBIT SPI 2MHZ 8DIP
					
<b>25LC512-E/SN</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25LC512-I/P</b> Microchip Technology IC EEPROM 512KBIT SPI 20MHZ 8DIP	<b>25LC640</b> Micrel / Microchip Technology	<b>25LC640A-I/P</b> Microchip Technology IC EEPROM 64KBIT SPI 10MHZ 8DIP	<b>25LC512T-I/SN</b> Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	<b>25LC512-I/SM</b> Microchip Technology IC EEPROM 512KBIT 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

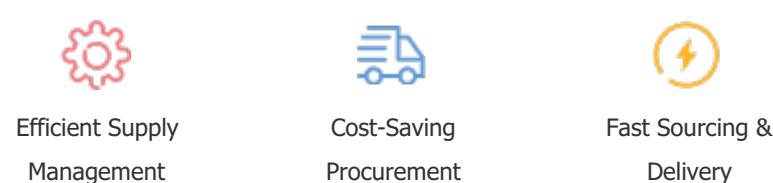
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

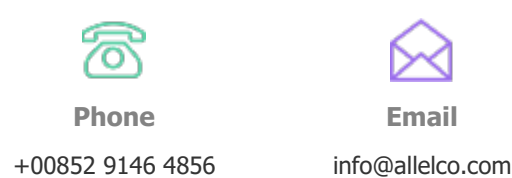
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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