

Image may be representation.  
See specifications for product details.



## 25AA080T-I/SN

Manufacturer Part Number	<b>25AA080T-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-25AA080T-I/SN
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 8KBIT SPI 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>25AA080, 25LC080, 25C080.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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25AA080T-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 25AA080T-I/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for 25AA080T-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

25AA080T-I/SN Tech Specifications  
25AA080T-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	8Kbit
Technology	EEPROM	Memory Organization	1K 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	25AA080
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25AA080T-I/SN

Product Attribute				
Part Number	25AA080T-I/SN	25AA128-I/P	25AA080-I/SN	25AA080T/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Series	-	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Memory Organization	1K x 8	16K x 8	1K x 8	1K x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Base Product Number	25AA080	25AA128	25AA080	25AA080
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Size	8Kbit	128Kbit	8Kbit	8Kbit
Clock Frequency	1 MHz	10 MHz	1 MHz	1 MHz
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Interface	SPI	SPI	SPI	SPI
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)

### 25AA080T-I/SN Datasheet PDF

Download 25AA080T-I/SN pdf datasheets and Microchip Technology documentation for 25AA080T-I/SN - Microchip Technology.

#### Datasheets

[25AA080, 25LC080, 25C080.pdf](#)

#### PCN Packaging

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

[Packing Changes 10/Oct/2016.pdf](#)

#### PCN Assembly/Origin

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

#### PCN Design/Specification

[PdCu Bond Wire Update 21/Sep/2015.pdf](#)

## Customers Also Interested in

### Recommended Products



#### 25AA128-I/P

Microchip Technology  
IC EEPROM 128KBIT SPI 10MHZ 8DIP



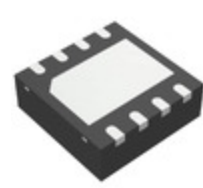
#### 25AA080-I/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 1MHZ 8SOIC



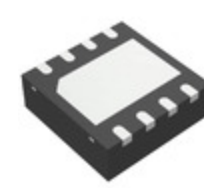
#### 25AA080T/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 1MHZ 8SOIC



#### 25AA1024T-I/MF

Microchip Technology  
IC EEPROM 1MBIT SPI 20MHZ 8DFN



#### 25AA1024-I/MF

Microchip Technology  
IC EEPROM 1MBIT SPI 20MHZ 8DFN



#### 25AA1024-I/P

Microchip Technology  
IC EEPROM 1MBIT SPI 20MHZ 8DIP



#### 25AA080B-I/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8SOIC



#### 25AA1024-I/SM

Microchip Technology  
IC EEPROM 1MBIT SPI 20MHZ 8SOIC



#### 25AA080A-I/MS

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8MSOP



#### 25AA080A-I/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8SOIC



#### 25AA1024T-I/SM

Microchip Technology  
IC EEPROM 1MBIT SPI 20MHZ 8SOIC



#### 25AA080C-I/MS

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8MSOP



#### 25AA080/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 1MHZ 8SOIC



#### 25AA080BT-I/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8SOIC



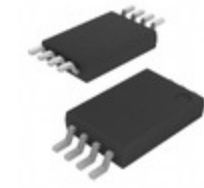
#### 25AA080C-I/SN

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8SOIC



#### 25AA128-I/SN

Microchip Technology  
IC EEPROM 128KBIT SPI 8SOIC



#### 25AA080AT-I/ST

Microchip Technology  
IC EEPROM 8KBIT SPI 10MHZ 8TSSOP



#### 25AA128-I/ST

Microchip Technology  
IC EEPROM 128KBIT 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



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### Certifications & Memberships



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