

Image may be representation.
See specifications for product details.



25AA256-I/MF

Manufacturer Part Number	25AA256-I/MF
Manufacturer	Microchip Technology
Allelco Part Number	32D-25AA256-I/MF
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 256KBIT SPI 10MHZ 8DFN
Package	8-VDFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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25AA256-I/MF - Microchip Technology. New Original in Stock. Download Linear Technology 25AA256-I/MF datasheet/specifications on AllelcoElec.com. Request a quote for 25AA256-I/MF, please send us email: info@allelco.com

Specifications

25AA256-I/MF Tech Specifications

25AA256-I/MF - 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-DFN-S (6x5)	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-VDFN Exposed Pad	Clock Frequency	10 MHz
Package	Tube	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 25AA256-I/MF

Product Attribute				
Part Number	25AA256-I/MF	25AA160C-I/SN	25AA256-E/SM	25AA160DT-I/MNY
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	32K x 8	2K x 8	32K x 8	2K x 8
Package / Case	8-VDFN Exposed Pad	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.209', 5.30mm Width)	8-WDFN Exposed Pad
Base Product Number	25AA256	25AA160	25AA256	25AA160
Memory Size	256Kbit	16Kbit	256Kbit	16Kbit
Memory Interface	SPI	SPI	SPI	SPI
Package	Tube	Tube	Tube	Tape & Reel (TR)
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Clock Frequency	10 MHz	10 MHz	10 MHz	10 MHz
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	8-DFN-S (6x5)	8-SOIC	8-SOIJ	8-TDFN (2x3)

25AA256-I/MF Datasheet PDF

Download 25AA256-I/MF pdf datasheets and Microchip Technology documentation for 25AA256-I/MF - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

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

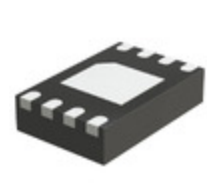
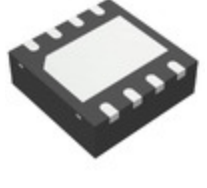
PCN Design/Specification

[25AA256/25LC256 23/Jul/2021.pdf](#)

[25AA256/25LC256 28/Aug/2019.pdf](#)

Customers Also Interested in

Recommended Products

**25AA160C-I/SN**Microchip Technology
IC EEPROM 16KBIT SPI 10MHZ
8SOIC**25AA256-E/SM**Microchip Technology
IC EEPROM 256KBIT SPI 8SOIJ
8DFN**25AA160DT-I/MNY**Microchip Technology
IC EEPROM 16KBIT SPI 10MHZ
8TDFN**25AA160AT-I/MS**Microchip Technology
IC EEPROM 16KBIT SPI 10MHZ
8MSOP**25AA160AT-I/ST**Microchip Technology
IC EEPROM 16KBIT SPI 8TSSOP**25AA256-I/ST**Microchip Technology
IC EEPROM 256KBIT SPI 8TSSOP**25AA256-I/SN**

Micrel / Microchip Technology

**25AA256T-I/MF**Microchip Technology
IC EEPROM 256KBIT SPI 10MHZ
8DFN**25AA256T-I/SM**Microchip Technology
IC EEPROM 256KBIT SPI 8SOIJ**25AA256T-I/SN**Microchip Technology
IC EEPROM 256KBIT SPI 8SOIC**25AA256-I/SN**Microchip Technology
IC EEPROM 256KBIT SPI 8SOIC**25AA160A-I/ST**Microchip Technology
IC EEPROM 16KBIT SPI 8TSSOP**25AA256T-I/ST**Microchip Technology
IC EEPROM 256KBIT SPI 8TSSOP**25AA160T-I/SN**Microchip Technology
IC EEPROM 16KBIT SPI 1MHZ 8SOIC**25AA256-E/SN**Microchip Technology
IC EEPROM 256KBIT SPI 8SOIC**25AA160B-I/SN**Microchip Technology
IC EEPROM 16KBIT SPI 10MHZ
8SOIC**25AA256-I/SM**Microchip Technology
IC EEPROM 256KBIT SPI 8SOIC**25AA256-I/P**Microchip Technology
IC EEPROM 256KBIT SPI 10MHZ
8DIP

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.



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Certifications & Memberships



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