

Image may be representation.
See specifications for product details.



25AA256T-I/MF

| | |
|--------------------------|--|
| Manufacturer Part Number | 25AA256T-I/MF |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-25AA256T-I/MF |
| ECAD Model | Request Free CAD Models |
| 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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25AA256T-I/MF - Microchip Technology. New Original in Stock. Download Linear Technology 25AA256T-I/MF datasheet/specifications on AllelcoElec.com. Request a quote for 25AA256T-I/MF, please send us email: info@allelco.com

Specifications

25AA256T-I/MF Tech Specifications

25AA256T-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 | Tape & Reel (TR) | 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 25AA256T-I/MF

| Product Attribute | | | | |
|-------------------------------|----------------------|-------------------------------|--------------------------------|------------------------------|
| Part Number | 25AA256T-I/MF | 25AA256T-I/SM | 25AA256-I/ST | 25AA256-I/MF |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Clock Frequency | 10 MHz | 10 MHz | 10 MHz | 10 MHz |
| Memory Type | Non-Volatile | Non-Volatile | Non-Volatile | Non-Volatile |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Memory Format | EEPROM | EEPROM | EEPROM | EEPROM |
| Supplier Device Package | 8-DFN-S (6x5) | 8-SOIJ | 8-TSSOP | 8-DFN-S (6x5) |
| Base Product Number | 25AA256 | 25AA256 | 25AA256 | 25AA256 |
| Write Cycle Time - Word, Page | 5ms | 5ms | 5ms | 5ms |
| Series | - | - | - | - |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) |
| Memory Size | 256Kbit | 256Kbit | 256Kbit | 256Kbit |
| Technology | EEPROM | EEPROM | EEPROM | EEPROM |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tube | Tube |
| Voltage - Supply | 1.8V ~ 5.5V | 1.8V ~ 5.5V | 1.8V ~ 5.5V | 1.8V ~ 5.5V |
| Memory Organization | 32K x 8 | 32K x 8 | 32K x 8 | 32K x 8 |
| Package / Case | 8-VDFN Exposed Pad | 8-SOIC (0.209", 5.30mm Width) | 8-TSSOP (0.173", 4.40mm Width) | 8-VDFN Exposed Pad |
| Memory Interface | SPI | SPI | SPI | SPI |

25AA256T-I/MF Datasheet PDF

Download 25AA256T-I/MF pdf datasheets and Microchip Technology documentation for 25AA256T-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 Assembly/Origin

[2.73KHz.pdf](#)




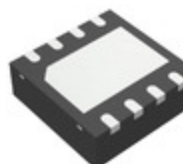

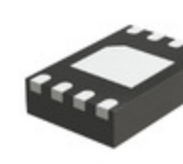












PCN Design/Specification

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

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

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|--|---|--|---|
|  25AA256I MICROCHI |  25AA256T-I/SM Microchip Technology IC EEPROM 256KBIT SPI 8SO1J |  25AA256-I/ST Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP |  25AA256-I/MF Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DFN |  25AA256T-I/ST Microchip Technology IC EEPROM 256KBIT SPI 8TSSOP |  25AA320AT-I/MNY Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8TDFN |
|  25AA256-E/SM Microchip Technology IC EEPROM 256KBIT SPI 8SO1J |  25AA256-I/SN Micrel / Microchip Technology |  25AA320-I/SN Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8SOIC |  25AA256-I/P Microchip Technology IC EEPROM 256KBIT SPI 10MHZ 8DIP |  25AA256-I/SN Microchip Technology IC EEPROM 256KBIT SPI 8SOIC |  25AA256T-I/SN Microchip Technology IC EEPROM 256KBIT SPI 8SOIC |
|  25AA320-I/P Microchip Technology IC EEPROM 32KBIT SPI 1MHZ 8DIP |  25AA320A-I/SN Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8SOIC |  25AA160T-I/SN Microchip Technology IC EEPROM 16KBIT SPI 1MHZ 8SOIC |  25AA256-I/SM Microchip Technology IC EEPROM 256KBIT SPI 8SO1J |  25AA320AT-I/MS Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8MSOP |  25AA256-E/SN 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 |

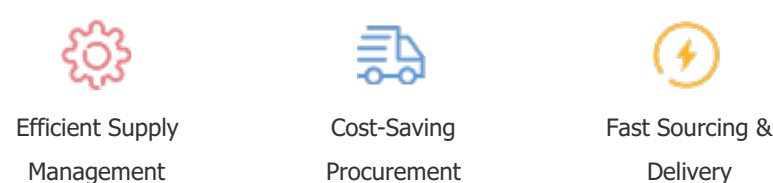
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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