

Image may be representation.
See specifications for product details.



24AA16T-I/MNY

| | |
|--------------------------|------------------------------------|
| Manufacturer Part Number | 24AA16T-I/MNY |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-24AA16T-I/MNY |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC EEPROM 16KBIT I2C 8TDFN |
| Package | 8-WDFDN Exposed Pad |
| Data sheet | 24AA16, 24LC16B, 24FC16.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

24AA16T-I/MNY - Microchip Technology.New Original in Stock. Download Linear Technology 24AA16T-I/MNY datasheet/specifications on AllelcoElec.com. Request a quote for 24AA16T-I/MNY, please send us email: info@allelco.com

Specifications

24AA16T-I/MNY Tech Specifications

24AA16T-I/MNY - 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 | 1.7V ~ 5.5V | Memory Size | 16Kbit |
| Technology | EEPROM | Memory Organization | 2K x 8 |
| Supplier Device Package | 8-TDFN (2x3) | Memory Interface | I ² C |
| Series | - | Memory Format | EEPROM |
| Package / Case | 8-WDFDN Exposed Pad | Clock Frequency | 400 kHz |
| Package | Tape & Reel (TR) | Base Product Number | 24AA16 |
| Operating Temperature | -40°C ~ 85°C (TA) | Access Time | 900 ns |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24AA16T-I/MNY

| Product Attribute | | | | |
|-------------------------------|----------------------|-------------------------------|--------------------------------|-------------------------------|
| Part Number | 24AA16T-I/MNY | 24AA16-I/SN | 24AA16-I/ST | 24AA256-E/SM |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Memory Interface | I ² C | I ² C | I ² C | I ² C |
| Technology | EEPROM | EEPROM | EEPROM | EEPROM |
| Supplier Device Package | 8-TDFN (2x3) | 8-SOIC | 8-TSSOP | 8-SOIJ |
| Write Cycle Time - Word, Page | 5ms | 5ms | 5ms | 5ms |
| Memory Format | EEPROM | EEPROM | EEPROM | EEPROM |
| Memory Size | 16Kbit | 16Kbit | 16Kbit | 256Kbit |
| Memory Organization | 2K x 8 | 2K x 8 | 2K x 8 | 32K x 8 |
| Package | Tape & Reel (TR) | Tube | Tube | Tube |
| Series | - | - | - | - |
| Base Product Number | 24AA16 | 24AA16 | 24AA16 | 24AA256 |
| Voltage - Supply | 1.7V ~ 5.5V | 1.7V ~ 5.5V | 1.7V ~ 5.5V | 1.7V ~ 5.5V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Access Time | 900 ns | 900 ns | 900 ns | 900 ns |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 125°C (TA) |
| Clock Frequency | 400 kHz | 400 kHz | 400 kHz | 400 kHz |
| Memory Type | Non-Volatile | Non-Volatile | Non-Volatile | Non-Volatile |
| Package / Case | 8-WDFDN Exposed Pad | 8-SOIC (0.154", 3.90mm Width) | 8-TSSOP (0.173", 4.40mm Width) | 8-SOIC (0.209", 5.30mm Width) |

24AA16T-I/MNY Datasheet PDF

Download 24AA16T-I/MNY pdf datasheets and Microchip Technology documentation for 24AA16T-I/MNY - Microchip Technology.

Datasheets

[24AA16, 24LC16B, 24FC16.pdf](#)

PCN Packaging

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


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

PCN Design/Specification


[24AA16/24LC16B/24FC16 17/Mar/2021.pdf](#)

[24AA16/24LC16B/24FC16 31/Aug/2021.pdf](#)

PCN Assembly/Origin










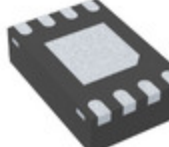


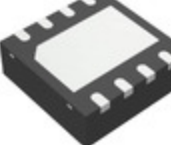





 Additional Assembly Site 13/Apr/2021.pdf

PCN Other

 CuPdAu Bond Wire 24/Apr/2015.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| 24AA16/POCV Micrel / Microchip Technology | 24AA16T-I/OTG MIC | 24AA16T-1 Micrel / Microchip Technology | 24AA16-I/SN Microchip Technology IC EEPROM 16KBIT I2C 8SOIC | 24AA16-I/ST Microchip Technology IC EEPROM 16KBIT I2C 8TSSOP | 24AA16/P82H Micrel / Microchip Technology |
|  |  |  |  |  |  |
| 24AA256-E/SM Microchip Technology IC EEPROM 256KBIT I2C 8SOIJ | 24AA16T-I/OT Microchip Technology IC EEPROM 16KBIT I2C SOT23-5 | 24AA16-I/STG Microchip Technology IC EEPROM 16KBIT I2C 8TSSOP | 24AA16T-I/MC Microchip Technology IC EEPROM 16KBIT I2C 400KHZ 8DFN | 24AA16T-I/ST Microchip Technology IC EEPROM 16KBIT I2C 8TSSOP | 24AA16T-I/SN Microchip Technology IC EEPROM 16KBIT I2C 8SOIC |
|  |  |  |  |  |  |
| 24AA256-I/MF Microchip Technology IC EEPROM 256KBIT I2C 8DFN | 24AA16-I/S Micrel / Microchip Technology | 24AA256-E/SN Microchip Technology IC EEPROM 256KBIT I2C 8SOIC | 24AA16T-I/MS Microchip Technology IC EEPROM 16KBIT I2C 8MSOP | 24AA16T-I/CS16K Microchip Technology IC EEPROM 16KBIT I2C 400KHZ 5CSP | 24AA16/P82G Micrel / Microchip Technology |

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 -

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|--|--|---|
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Contact us if you have any questions.

| | |
|--|--|
|  Phone +00852 9146 4856 |  Email info@allelco.com |
|--|--|

Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com