# M24128-BWDW6TP

| | |
|---|---|
| Manufacturer Part Number | M24128-BWDW6TP |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-M24128-BWDW6TP |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC EEPROM 128KBIT I2C 8TSSOP |
| Package | 8-TSSOP (0.173", 4.40mm Width) |
| Data sheet | M24128-BWDW6TP.pdf |
| RoHs Status | ROHS3 Compliant |

Image may be representation.
See specifications for product details.

**Get a Quote**

M24128-BWDW6TP - STMicroelectronics.New Original in Stock. Download Linear Technology M24128-BWDW6TP datasheet/specifications on AllelcoElec.com.
Request a quote for M24128-BWDW6TP, please send us email: info@allelco.com

## Specifications

M24128-BWDW6TP Tech Specifications
M24128-BWDW6TP - STMicroelectronics technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|---|---|---|---|
| Manufacturer | STMicroelectronics | Mounting Type | Surface Mount |
| Write Cycle Time - Word, Page | 5ms | Memory Type | Non-Volatile |
| Voltage - Supply | 2.5V ~ 5.5V | Memory Size | 128Kbit |
| Technology | EEPROM | Memory Organization | 16K x 8 |
| Supplier Device Package | 8-TSSOP | Memory Interface | I²C |
| Series | - | Memory Format | EEPROM |
| Package / Case | 8-TSSOP (0.173", 4.40mm Width) | Clock Frequency | 1 MHz |
| Package | Tape & Reel (TR) | Base Product Number | M24128 |
| Operating Temperature | -40℃ ~ 85℃ (TA) | Access Time | 450 ns |

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M24128-BWDW6TP

| Product Attribute | | | | |
|---|---|---|---|---|
| Part Number | M24128-BWDW6TP | M24128-BFMC6TG | M24128-BWMN6P | M24128-BRMN6P |
| Manufacturer | STMicroelectronics | STMicroelectronics | STMicroelectronics | STMicroelectronics |
| Memory Organization | 16K x 8 | 16K x 8 | 16K x 8 | 16K x 8 |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tube | Tube |
| Supplier Device Package | 8-TSSOP | 8-UFDFPN (2x3) | 8-SOIC | 8-SOIC |
| Clock Frequency | 1 MHz | 1 MHz | 1 MHz | 1 MHz |
| Technology | EEPROM | EEPROM | EEPROM | EEPROM |
| Memory Size | 128Kbit | 128Kbit | 128Kbit | 128Kbit |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Write Cycle Time - Word, Page | 5ms | 5ms | 5ms | 5ms |
| Base Product Number | M24128 | M24128 | M24128 | M24128 |
| Memory Format | EEPROM | EEPROM | EEPROM | EEPROM |
| Voltage - Supply | 2.5V ~ 5.5V | 1.7V ~ 5.5V | 2.5V ~ 5.5V | 1.8V ~ 5.5V |
| Memory Type | Non-Volatile | Non-Volatile | Non-Volatile | Non-Volatile |
| Series | - | - | - | - |
| Memory Interface | I²C | I²C | I²C | I²C |
| Package / Case | 8-TSSOP (0.173", 4.40mm Width) | 8-UFDFN Exposed Pad | 8-SOIC (0.154", 3.90mm Width) | 8-SOIC (0.154', 3.90mm Width) |
| Operating Temperature | -40℃ ~ 85℃ (TA) | -40℃ ~ 85℃ (TA) | -40℃ ~ 85℃ (TA) | -40℃ ~ 85℃ (TA) |
| Access Time | 450 ns | 450 ns | 450 ns | 450 ns |

## M24128-BWDW6TP Datasheet PDF

Download M24128-BWDW6TP pdf datasheets and STMicroelectronics documentation for M24128-BWDW6TP - STMicroelectronics.

### PCN Packaging

📄 Box Label Chg 28/Jul/2016.pdf

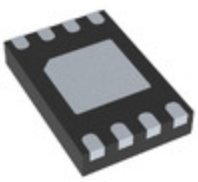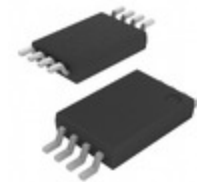📄 Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

### PCN Assembly/Origin

📄 M24128x/M24C02x/04x/16x 08/Jun/2022.pdf

### PCN Design/Specification

📄 MMS/14/9025 17/Dec/2014.pdf

## Customers Also Interested in

## Recommended Products

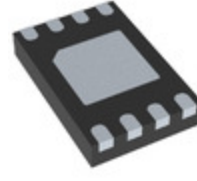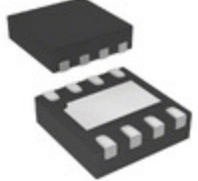| | | | | | |
|---|---|---|---|---|---|
| **M24128-BFMC6TG**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8UFDFPN | **M24128-BWMN6P**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 1MHZ 8SOIC | **M24128-BWMN3TPPSA**<br>STMicroelectronics | **M24128-BRMN6P**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 1MHZ 8SOIC | **M24128-BWDW6T**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8TSSOP | **M24128-BRMN6TP**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 1MHZ 8SOIC |
| **M24128-DFDW6TP**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8TSSOP | **M24128-BWMN6P**<br>STMicroelectronics | **M24128-BWP**<br>STMicroelectronics | **M24128-BWMN6TP**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 1MHZ 8SOIC | **M24128-DFCS6TP/K**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8WLCSP | **M24128-BWMN6T**<br>STMicroelectronics |
| **M24128-BRDW6TP**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8TSSOP | **M24128-BWMV6**<br>STMicroelectronics | **M24128-BWMN3TP/P**<br>STMicroelectronics | **M24128-BRCA6TP/A**<br>STMicroelectronics | **M24128-DFMC6TG**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8UFDFPN | **M24128-BFMB6TG**<br>STMicroelectronics<br>IC EEPROM 128KBIT I2C 8UFDFPN |

## ■ 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.
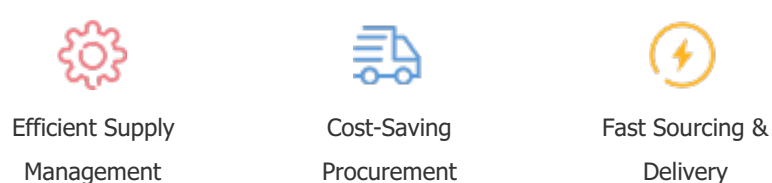
Contact us if you have any questions.

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