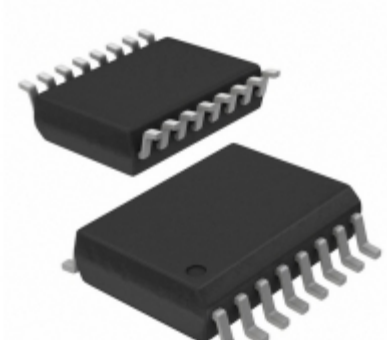


DS3231M+





Part Number: [DS3231M+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RTC CLK/CALENDAR I2C 16-SOIC

Data sheet:  [Accurate Mems Real-Time Clocks](#)  
 [DS3231M](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy DS3231M+ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                |                                                                                           |                                |                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------|
| Part Number                      | DS3231M+                                                                                  | Manufacturer                   | <a href="#">Maxim Integrated</a>                                          |
| Description                      | IC RTC CLK/CALENDAR I2C 16-SOIC                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Quantity Available               | 21106 pcs                                                                                 | Data sheet                     | <a href="#">Accurate Mems Real-Time Clocks</a><br><a href="#">DS3231M</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage - Supply, Battery      | 2.3 V ~ 5.5 V                                                             |
| Voltage - Supply                 | 2.3 V ~ 5.5 V                                                                             | Type                           | Clock/Calendar                                                            |
| Time Format                      | HH:MM:SS (12/24 hr)                                                                       | Supplier Device Package        | 16-SOIC                                                                   |
| Series                           | -                                                                                         | Packaging                      | Tube                                                                      |
| Package / Case                   | 16-SOIC (0.295", 7.50mm Width)                                                            | Other Names                    | 90-3231M+N00                                                              |
| Operating Temperature            | -40°C ~ 85°C                                                                              | Mounting Type                  | Surface Mount                                                             |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                             | Memory Size                    | -                                                                         |
| Manufacturer Standard Lead Time  | 6 Weeks                                                                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Interface                        | I²C, 2-Wire Serial                                                                        | Features                       | Alarm, Leap Year, Square Wave Output                                      |
| Detailed Description             | Real Time Clock (RTC) IC Clock/Calendar I²C, 2-Wire Serial 16-SOIC (0.295", 7.50mm Width) | Date Format                    | YY-MM-DD-dd                                                               |
| Current - Timekeeping (Max)      | 130µA ~ 200µA @ 3.63V ~ 5.5V                                                              | Base Part Number               | DS3231                                                                    |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 21106 pieces of Maxim Integrated DS3231M+ in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                                      |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DS3231S#</a><br>Description: IC RTC CLK/CALENDAR I2C 16-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231M+TRL</a><br>Description: IC RTC CLK/CALENDAR I2C 16-SOIC | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MPMB1#</a><br>Description: BOARD EVAL RTC DS3231M         | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3182+</a><br>Description: IC FRAMER 400PBGA                   | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3184</a><br>Description: IC FRAMER 400PBGA                    | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3183N</a><br>Description: IC FRAMER 400PBGA                   | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS322X</a><br>Description: KIT X-WIDE DESIGN STRIP VERT         | Manufacturers: <a href="#">Conxall</a> / <a href="#">Switchcraft</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS3184N+</a><br>Description: IC FRAMER 400PBGA                  | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3184N</a><br>Description: IC FRAMER 400PBGA                   | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MZ+TRL</a><br>Description: IC RTC CLK/CALENDAR I2C 8-SOIC | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MZ+</a><br>Description: IC RTC CLK/CALENDAR I2C 8-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3183</a><br>Description: IC FRAMER 400PBGA                    | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3184DK</a><br>Description: KIT DEMO FOR DS3184                | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS321X</a><br>Description: KIT X-WIDE DESIGN STRIP VERT         | Manufacturers: <a href="#">Conxall</a> / <a href="#">Switchcraft</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MZV+T</a><br>Description: IC RTC CLK/CALENDAR I2C 8-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231S</a><br>Description: IC RTC CLK/CALENDAR I2C 16-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MZV+</a><br>Description: IC RTC CLK/CALENDAR I2C 8-SOIC   | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MEVKIT#</a><br>Description: EVAL KIT FOR DS3231M          | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3231MZEVKIT#</a><br>Description: BOARD EVAL RTC FOR DS3231M   | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |
|  | Part#: <a href="#">DS3184+</a><br>Description: IC FRAMER 400PBGA                   | Manufacturers: <a href="#">Maxim Integrated</a>                      | <div>RFQ</div> |

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