

DS1338Z-3+



Part Number: [DS1338Z-3+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RTC CLK/CALENDAR I2C 8-SOIC

Data sheet:  [DS1338](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                           |                                |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | DS1338Z-3+                                                                                                | Manufacturer                   | <a href="#">Maxim Integrated</a>      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC RTC CLK/CALENDAR I2C 8-SOIC                                                                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 54970 pcs                                                                                                 | Data sheet                     | <a href="#">DS1338</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                                                 | Voltage - Supply, Battery      | 1.3 V ~ 3.7 V                         |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 V ~ 5.5 V                                                                                             | Type                           | Clock/Calendar                        |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                              | HH:MM:SS (12/24 hr)                                                                                       | Supplier Device Package        | 8-SOIC                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                         | Packaging                      | Tube                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-SOIC (0.154", 3.90mm Width)                                                                             | Other Names                    | DS1338Z3                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                                                                                              | Mounting Type                  | Surface Mount                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                                                             | Memory Size                    | 56B                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                          | 6 Weeks                                                                                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                | I <sup>2</sup> C, 2-Wire Serial                                                                           | Features                       | Leap Year, NVSRAM, Square Wave Output |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | Real Time Clock (RTC) IC Clock/Calendar 56B I <sup>2</sup> C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width) | Date Format                    | YY-MM-DD-dd                           |
| Current - Timekeeping (Max)                                                                                                                                                                                                                                                                                                                                                                                                                              | 200µA @ 3.3V                                                                                              | Base Part Number               | DS1338                                |
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