

DS1501YZ+T&R



Part Number: [DS1501YZ+T&R](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RTC CLK/CALENDAR PAR 28-SOIC

Data sheet:  [DS1501, 11](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |                                  |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | DS1501YZ+T&R                                                      | Manufacturer                     | <a href="#">Maxim Integrated</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC RTC CLK/CALENDAR PAR 28-SOIC                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20529 pcs                                                         | Data sheet                       | <a href="#">DS1501, 11</a>                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage - Supply, Battery        | 2.5 V ~ 3.7 V                                                                        |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.5 V ~ 5.5 V                                                     | Type                             | Clock/Calendar                                                                       |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                                | HH:MM:SS (24 hr)                                                  | Supplier Device Package          | 28-SOIC                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                 | Packaging                        | Tape & Reel (TR)                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-SOIC (0.295", 7.50mm Width)                                    | Operating Temperature            | 0°C ~ 70°C                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                        |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                | 256B                                                              | Manufacturer Standard Lead Time  | 7 Weeks                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                        | Interface                        | Parallel                                                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Alarm, Leap Year, NVSRAM, Square Wave Output, Watchdog Timer, Y2K | Detailed Description             | Real Time Clock (RTC) IC Clock/Calendar 256B Parallel 28-SOIC (0.295", 7.50mm Width) |
| Date Format                                                                                                                                                                                                                                                                                                                                                                                                                                                | YY-MM-DD-dd                                                       | Current - Timekeeping (Max)      | 5mA @ 4.5V ~ 5.5V                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | DS1501                                                            |                                  |                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                 |                |
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