

DS1500YE+





Part Number: [DS1500YE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RTC CLK/CALENDAR PAR 32-TSOP

Data sheet:  [DS1500](#)

RoHs Status: Lead free / RoHS Compliant

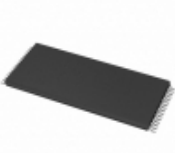
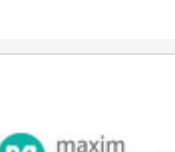
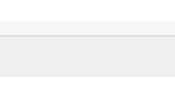
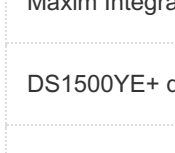
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                        |                                  |                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | DS1500YE+                                                                              | Manufacturer                     | <a href="#">Maxim Integrated</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC RTC CLK/CALENDAR PAR 32-TSOP                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4666 pcs                                                                               | Data sheet                       | <a href="#">DS1500</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          | 32-TSOP                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                      | Packaging                        | Tray                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32-LFSOP (0.724", 18.40mm Width)                                                       | Operating Temperature            | 0°C ~ 70°C                                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                     |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                            | 256B                                                                                   | 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 32-LFSOP (0.724", 18.40mm Width) | Date Format                      | YY-MM-DD-dd                                                       |
| Current - Timekeeping (Max)                                                                                                                                                                                                                                                                                                                                                                                                                            | 5mA @ 4.5V ~ 5.5V                                                                      | Base Part Number                 | DS1500                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                 |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">DS14C89AN/NOPB</a><br>Description: IC LINE RCVR QUAD CMOS 14-DIP     | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS1500WE+</a><br>Description: IC RTC CLK/CALENDAR PAR 32-TSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1500Y</a><br>Description: IC RTC CLK/CALENDAR PAR 32-DIP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1501W+</a><br>Description: IC RTC CLK/CALENDAR PAR 28-DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1500WEN</a><br>Description: IC RTC CLK/CALENDAR PAR 32-TSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DS1501W</a><br>Description: IC RTC CLK/CALENDAR PAR 28-DIP           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1501WE+T&amp;R</a><br>Description: IC RTC CLK/CALENDAR PAR 28-TSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1501-7ER</a><br>Description: DC/DC CONVERTER 15V 96W               | Manufacturers: <a href="#">Bel</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS1500YE</a><br>Description: IC RTC CLK/CALENDAR PAR 32-TSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1501-9ERBG</a><br>Description: DC/DC CONVERTER                     | Manufacturers: <a href="#">Bel</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS1500WN</a><br>Description: IC RTC CLK/CALENDAR PAR 32-DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1500YN</a><br>Description: IC RTC CLK/CALENDAR PAR 32-DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS14C89AN</a><br>Description: IC LINE RCVR QUAD CMOS 14-DIP          | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |

| Related keywords for DS1500YE+ |                       |                    |                 |
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