

DS1685E-3+



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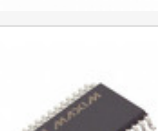


**Part Number:** [DS1685E-3+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC RTC CLK/CALENDAR PAR 24-TSSOP  
**Data sheet:**  [DS1685, 87](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | DS1685E-3+                                | Manufacturer                     | <a href="#">Maxim Integrated</a>                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC RTC CLK/CALENDAR PAR 24-TSSOP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28411 pcs                                 | Data sheet                       | <a href="#">DS1685, 87</a>                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Battery        | 2.5 V ~ 3.7 V                                                                         |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 V ~ 3.7 V                             | Type                             | Clock/Calendar                                                                        |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                              | HH:MM:SS (12/24 hr)                       | Supplier Device Package          | 24-TSSOP                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                        | Tube                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24-TSSOP (0.173", 4.40mm Width)           | Operating Temperature            | 0°C ~ 70°C                                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                         |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                              | 242B                                      | Manufacturer Standard Lead Time  | 6 Weeks                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Interface                        | Parallel                                                                              |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Alarm, NVSRAM, Square Wave Output, Y2K    | Detailed Description             | Real Time Clock (RTC) IC Clock/Calendar 242B Parallel 24-TSSOP (0.173", 4.40mm Width) |
| Date Format                                                                                                                                                                                                                                                                                                                                                                                                                                              | YY-MM-DD-dd                               | Current - Timekeeping (Max)      | 2mA @ 3V                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | DS1685                                    |                                  |                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                 |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">DS1685-3+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-DIP            | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685E-5</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685-5IND+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-DIP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685EN-5</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685E-3</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1682S/T&amp;R</a><br>Description: IC RTC ELAPSED CNT I2C 8-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685-5+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-DIP            | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685EN-3+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685E-3/T&amp;R</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685E-5+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1683S+</a><br>Description: IC RTC ELAPSED CNT I2C 8-SOIC              | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685E-5+T&amp;R</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685-3</a><br>Description: IC RTC CLK/CALENDAR PAR 24-DIP             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685EN-3+T&amp;R</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685-5</a><br>Description: IC RTC 5V 64-BIT Y2KC 24-DIP               | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685EN-3/T&amp;R</a><br>Description: IC RTC 3V 64BIT Y2K IND 24TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1683S+T&amp;R</a><br>Description: IC RTC ELAPSED CNT I2C 8-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685-5-IND</a><br>Description: IC RTC CLK/CALENDAR PAR 24-DIP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685E-3+T&amp;R</a><br>Description: IC RTC CLK/CALENDAR PAR 24-TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS1685EN-3</a><br>Description: IC RTC 3V 64BIT Y2KC IND 24TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for **DS1685E-3+**

|                               |                        |                     |                  |
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