

DS1643P-100+





Part Number: [DS1643P-100+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RTC CLK/CALENDAR PAR 34-PCM

Data sheet:  [DS1643\(P\)](#)

RoHs Status: Lead free / RoHS Compliant

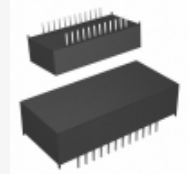
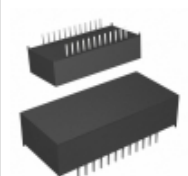
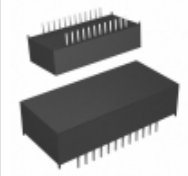
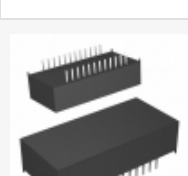
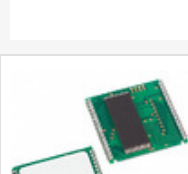
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
Buy DS1643P-100+ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | DS1643P-100+                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC RTC CLK/CALENDAR PAR 34-PCM            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5204 pcs                                  | Data sheet                     | <a href="#">DS1643(P)</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Battery      | 3V                                                                       |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.5 V ~ 5.5 V                             | Type                           | Clock/Calendar                                                           |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                               | HH:MM:SS (24 hr)                          | Supplier Device Package        | 34-PowerCap Module                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Packaging                      | Tube                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 34-PowerCap™ Module                       | Other Names                    | DS1643P100                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C                                | Mounting Type                  | Surface Mount                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                             | Memory Size                    | 8KB                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                | Interface                      | Parallel                                                                 |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Leap Year, NVSRAM                         | Detailed Description           | Real Time Clock (RTC) IC Clock/Calendar 8KB Parallel 34-PowerCap™ Module |
| Date Format                                                                                                                                                                                                                                                                                                                                                                                                                                               | YY-MM-DD-dd                               | Current - Timekeeping (Max)    | 3mA @ 5V                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | DS1643                                    |                                |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                 |                |
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|  | Part#: <a href="#">DS1644P-120</a><br>Description: IC RTC CLK/CALENDAR PAR 34-PCM  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1646P-120</a><br>Description: IC RAM TIMEKEEP NV 120NS 34-PCM | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1644-120+</a><br>Description: IC RTC CLK/CALENDAR PAR 28-EDIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1642-100+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-EDIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1646-120</a><br>Description: IC RAM TIMEKEEP NV 120NS 32-EDIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DS1642-70+</a><br>Description: IC RTC CLK/CALENDAR PAR 24-EDIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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