

**DS1501YE+**



**Part Number:** [DS1501YE+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC RTC CLK/CALENDAR PAR 28-TSOP  
**Data sheet:** [DS1501, 11](#)

**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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**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">DS1501YE+</a>
<b>Manufacturer</b>	<a href="#">Maxim Integrated</a>
<b>Description</b>	IC RTC CLK/CALENDAR PAR 28-TSOP
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	11215 pcs
<b>Product Photo</b>	<a href="#">DS1501YE+.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply, Battery</b>	2.5 V ~ 3.7 V
<b>Voltage - Supply</b>	4.5 V ~ 5.5 V
<b>Type</b>	Clock/Calendar
<b>Time Format</b>	HH:MM:SS (24 hr)
<b>Supplier Device Package</b>	28-TSOP
<b>Series</b>	-
<b>Packaging</b>	Tray
<b>Package / Case</b>	28-TSSOP (0.465", 11.80mm Width)
<b>Operating Temperature</b>	0°C ~ 70°C
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Memory Size</b>	256B
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Interface</b>	Parallel
<b>Features</b>	Alarm, Leap Year, NVSRAM, Square Wave Output, Watchdog Timer, Y2K
<b>Detailed Description</b>	Real Time Clock (RTC) IC Clock/Calendar 256B Parallel 28-TSSOP (0.465", 11.80mm Width)
<b>Date Format</b>	YY-MM-DD-dd
<b>Current - Timekeeping (Max)</b>	5mA @ 4.5V ~ 5.5V
<b>Base Part Number</b>	DS1501

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	<b>Part#:</b> <a href="#">DS1501YSN+</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 5723	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501YEN+T&amp;R</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-TSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 5920	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">DS1501WZN+</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 12550	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501YSN</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 6011	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">DS1501WSN+T&amp;R</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 4742	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501YS</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 4874	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501WSN/T&amp;R</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 5987	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">DS1501WZN+T&amp;R</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 16796	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501WSN+</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 4128	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">DS1501YEN</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-TSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 4274	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501YEN+</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28-TSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 6806	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DS1501YN</a> <b>Description:</b> IC RTC CLK/CALENDAR PAR 28DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a> <b>In Stock:</b> 3974	<a href="#">RFQ</a>

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