



Image may be representation.  
See specifications for product details.

### DS3231S/T&R

Part Number: **DS3231S/T&R**  
 Product Description: IC RTC CLK/CALENDAR I2C 16-SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets:

Manufacturer/Brand: Maxim Integrated  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	DS3231S/T&R	<b>Manufacturer</b>	Maxim Integrated
<b>Description</b>	IC RTC CLK/CALENDAR I2C 16-SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>			
<b>Voltage - Supply, Battery</b>	2.3 V ~ 5.5 V	<b>Voltage - Supply</b>	2.3 V ~ 5.5 V
<b>Type</b>	Clock/Calendar	<b>Time Format</b>	HH:MM:SS (12/24 hr)
<b>Supplier Device Package</b>	16-SOIC	<b>Series</b>	-
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	16-SOIC (0.295", 7.50mm Width)
<b>Operating Temperature</b>	0°C ~ 70°C	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Memory Size</b>	-
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Interface</b>	I <sup>2</sup> C, 2-Wire Serial
<b>Features</b>	Alarm, Leap Year, Square Wave Output, TCXO/Crystal	<b>Detailed Description</b>	Real Time Clock (RTC) IC Clock/Calendar I <sup>2</sup> C, 2-Wire Serial 16-SOIC (0.295", 7.50mm Width)
<b>Date Format</b>	YY-MM-DD-dd	<b>Current - Timekeeping (Max)</b>	110µA ~ 170µA @ 3.63V ~ 5.5V
<b>Base Part Number</b>	DS3231		

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