

DS1307Z/T&R



Part Number: [DS1307Z/T&R](#)

Manufacturer: [Maxim Integrated](#)

Description: IC RTC CLK/CALENDAR I2C 8-SOIC

Data sheet:  [DS1307](#)

RoHs Status: Contains lead / RoHS non-compliant

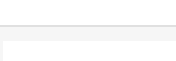
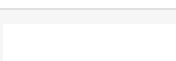
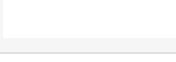
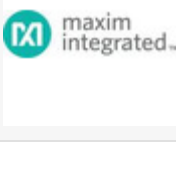
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PRODUCT PARAMETER			
Part Number	DS1307Z/T&R	Manufacturer	Maxim Integrated
Description	IC RTC CLK/CALENDAR I2C 8-SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4972 pcs	Data sheet	DS1307
Category	Integrated Circuits (ICs)	Voltage - Supply, Battery	2 V ~ 3.5 V
Voltage - Supply	4.5 V ~ 5.5 V	Type	Clock/Calendar
Time Format	HH:MM:SS (12/24 hr)	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Operating Temperature	0°C ~ 70°C
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Memory Size	56B	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Interface	I ² C, 2-Wire Serial	Features	Leap Year, NVSRAM, Square Wave Output
Detailed Description	Real Time Clock (RTC) IC Clock/Calendar 56B I ² C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width)	Date Format	YY-MM-DD-dd
Current - Timekeeping (Max)	200µA @ 5V	Base Part Number	DS1307
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RELATED PRODUCTS			
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	Part#: DS1308U-18+ Description: IC RTC CLK/CALENDAR I2C 8-UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: DS1307N Description: IC RTC CLK/CALENDAR I2C 8-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DS1307Z+T&R Description: IC RTC CLK/CALENDAR I2C 8-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DS1308U-3+ Description: IC RTC CLK/CALENDAR I2C 8-UMAX	Manufacturers: Maxim Integrated	RFQ
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