



Image may be representation.
See specifications for product details.



DS1308U-33+

Manufacturer Part Number	DS1308U-33+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS1308U-33+
ECAD Model	Request Free CAD Models
Parts Description	IC RTC CLOCK/CALENDAR I2C 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS1308U-33+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1308U-33+ datasheet/specifications on AllelcoElec.com. Request a quote for DS1308U-33+, please send us email: info@allelco.com

Specifications

DS1308U-33+ Tech Specifications

DS1308U-33+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Battery	1.3V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Supply	3V ~ 5.5V	Memory Size	56B
Type	Clock/Calendar	Interface	I ² C, 2-Wire Serial
Time Format	HH:MM:SS (12/24 hr)	Features	Leap Year, NVSRAM, Square Wave Output
Supplier Device Package	8-uMAX/uSOP	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	125µA ~ 200µA @ 3V ~ 5.5V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	DS1308
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1308U-33+

Product Attribute				
Part Number	DS1308U-33+	DS1308U-18+	DS1307ZN+T&R	DS1308U-18+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	8-SOIC	8-uMAX/uSOP
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Interface	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial	I ² C, 2-Wire Serial
Current - Timekeeping (Max)	125µA ~ 200µA @ 3V ~ 5.5V	100µA @ 200µA @ 1.89V ~ 5.5V	200µA @ 5V	100µA @ 200µA @ 1.89V ~ 5.5V
Base Product Number	DS1308	DS1308	DS1307	DS1308
Memory Size	56B	56B	56B	56B
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Battery	1.3V ~ 5.5V	1.3V ~ 5.5V	2V ~ 3.5V	1.3V ~ 5.5V
Voltage - Supply	3V ~ 5.5V	1.71V ~ 5.5V	4.5V ~ 5.5V	1.71V ~ 5.5V
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Features	Leap Year, NVSRAM, Square Wave Output	Leap Year, NVSRAM, Square Wave Output	Leap Year, NVSRAM, Square Wave Output	Leap Year, NVSRAM, Square Wave Output
Time Format	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)

DS1308U-33+ Datasheet PDF

Download DS1308U-33+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1308U-33+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS1308U-33+ .pdf](#)

Application Notes

[Oscillator Design Considerations for Low-Current A.pdf](#)



















[Selecting a Backup Source for Real-Time Clocks.pdf](#)

[State Machine Logic in Binary-Coded Decimal \(BCD\)-.pdf](#)

[DS32kHz used with Maxim Real-Time Clocks.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE					
DS1307ZNT&R DAL	DS1308U-18+ Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	DS1314E+ Analog Devices Inc./Maxim Integrated IC CTRL NV W/BATT MON 3V 20TSSOP	DS1307ZN+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8SOIC	DS1308U-18+T Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	DS1307ZN+TR Analog Devices / Maxim Integrated
					
DS1308A+ Analog Devices / Maxim Integrated	DS1314 Analog Devices Inc./Maxim Integrated IC CTRLR NV W/BATT MON 3V 8-DIP	DS1312S-2/T&R DS	DS1312S+T&R Analog Devices Inc./Maxim Integrated IC CONTROLLER NV BW/RST 16-SOIC	DS1307ZN+T Analog Devices / Maxim Integrated	DS1312S Analog Devices Inc./Maxim Integrated IC CTRLR NV W/BATT MOD 16-SOIC
					
DS1308U-33+T Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	DS1312S-2 Analog Devices Inc./Maxim Integrated IC CTRLR NV W/BATT MOD 8-SOIC	DS1307ZN/TR DS	DS1307ZN+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8SOIC	DS1312 Analog Devices Inc./Maxim Integrated IC CONTROLLER NV BW & RST 8-DIP	DS1308U-5+T Analog Devices / Maxim Integrated

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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Contact us

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