



Image may be representation.
See specifications for product details.



DS1338U-33+

Manufacturer Part Number	DS1338U-33+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS1338U-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	DS1338.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS1338U-33+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1338U-33+ datasheet/specifications on AllelcoElec.com.
Request a quote for DS1338U-33+, please send us email: info@allelco.com

Specifications

DS1338U-33+ Tech Specifications

DS1338U-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 ~ 3.7V	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 @ 3.63V ~ 5.5V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	DS1338
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1338U-33+

Product Attribute				
Part Number	DS1338U-33+	DS1338U-3+T&R	DS1338C-33#T&R	DS1338Z-3+T&R
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	16-SOIC	8-SOIC
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	16-SOIC (0.295", 7.50mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply, Battery	1.3V ~ 3.7V	1.3V ~ 3.7V	1.3V ~ 3.7V	1.3V ~ 3.7V
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)
Voltage - Supply	3V ~ 5.5V	2.7V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V
Series	-	-	-	-
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
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Current - Timekeeping (Max)	125µA ~ 200µA @ 3.63V ~ 5.5V	200µA @ 3.3V	125µA ~ 200µA @ 3.63V ~ 5.5V	200µA @ 3.3V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Memory Size	56B	56B	56B	56B
Base Product Number	DS1338	DS1338	DS1338	DS1338
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
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

DS1338U-33+ Datasheet PDF

Download DS1338U-33+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1338U-33+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS1338.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS1338U-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](#)





































[FAQ About the Integrated-Crystal Package Option.pdf](#)

Other Related Documents



Customers Also Interested in

Recommended Products

					
					
DS1338U-33+T&R Analog Devices / Maxim Integrated	DS1338Z-18+T Analog Devices / Maxim Integrated	DS1338U-33+TR DALLAS	DS1338U-3+T&R Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	DS1338C-33#T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 1650IC	DS1338U-3+T&R Analog Devices / Maxim Integrated
					
					
DS1338U-3+T Analog Devices / Maxim Integrated	DS1338Z-3+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 850IC	DS1338U-18+T&R Analog Devices / Maxim Integrated	DS1338Z-3+T Analog Devices / Maxim Integrated	DS1338Z-3+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 850IC	DS1338U-33+T Analog Devices / Maxim Integrated
					
					
DS1338U-3+T.R Analog Devices / Maxim Integrated	DS1338U-33+T&R Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	DS1338U-3.3 Analog Devices / Maxim Integrated	DS1338U-3+TR Analog Devices / Maxim Integrated	DS1338U-18+T&R Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	DS1338Z-18+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 850IC

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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