



Image may be representation.  
See specifications for product details.



## DS1340Z-33

Manufacturer Part Number	<b>DS1340Z-33</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-DS1340Z-33
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC RTC CLK/CALENDAR I2C 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

DS1340Z-33 - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1340Z-33 datasheet/specifications on AllelcoElec.com.  
Request a quote for DS1340Z-33, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DS1340Z-33 Tech Specifications

DS1340Z-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	2.97V ~ 5.5V	Memory Size	-
Type	Clock/Calendar	Interface	I <sup>2</sup> C, 2-Wire Serial
Time Format	HH:MM:SS (24 hr)	Features	Leap Year, Trickle-Charger
Supplier Device Package	8-SOIC	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	150µA @ 5.5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	DS1340
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1340Z-33

Product Attribute				
Part Number	DS1340Z-33	DS1340U-33+T&R	DS1340C-33#T&R	DS1340U-33
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Features	Leap Year, Trickle-Charger	Leap Year, Trickle-Charger	Leap Year, Trickle-Charger	Leap Year, Trickle-Charger
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	16-SOIC (0.295', 7.50mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Series	-	-	-	-
Memory Size	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	DS1340	DS1340	DS1340	DS1340
Current - Timekeeping (Max)	150µA @ 5.5V	150µA @ 5.5V	150µA @ 5.5V	150µA @ 5.5V
Voltage - Supply	2.97V ~ 5.5V	2.97V ~ 5.5V	2.97V ~ 5.5V	2.97V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-uMAX/uSOP	16-SOIC	8-uMAX/uSOP
Interface	I <sup>2</sup> C, 2-Wire Serial	I <sup>2</sup> C, 2-Wire Serial	I <sup>2</sup> C, 2-Wire Serial	I <sup>2</sup> C, 2-Wire Serial
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Supply, Battery	1.3V ~ 5.5V	1.3V ~ 5.5V	1.3V ~ 5.5V	1.3V ~ 5.5V
Time Format	HH:MM:SS (24 hr)	HH:MM:SS (24 hr)	HH:MM:SS (24 hr)	HH:MM:SS (24 hr)

## DS1340Z-33 Datasheet PDF

Download DS1340Z-33 pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1340Z-33 - Analog Devices Inc./Maxim Integrated.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

### Application Notes

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
















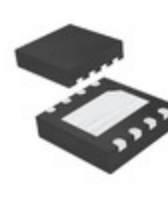


[Crystal Considerations with Maxim Real-Time Clocks.pdf](#)

[Using the Dallas Tricklecharge Timekeeper.pdf](#)

[Interfacing the DS1307 with an 8051-Compatible Mic.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>DS1340Z-33+T</b> Analog Devices / Maxim Integrated	 <b>DS1340U-33+T&amp;R</b> Analog Devices / Maxim Integrated	 <b>DS1340U-33+T&amp;R</b> Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	 <b>DS1341U+T</b> Analog Devices / Maxim Integrated	 <b>DS1340C-33#T&amp;R</b> Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 16SOIC	 <b>DS1340Z-33+TR</b> Analog Devices / Maxim Integrated
 <b>DS1340U-33</b> Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	 <b>DS1340Z-33+T&amp;R</b> Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8SOIC	 <b>DS1340U-3+</b> Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	 <b>DS1340Z-33+</b> Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8SOIC	 <b>DS1340U-33/TR</b> Analog Devices / Maxim Integrated	 <b>DS1340U-33+TR</b> Analog Devices / Maxim Integrated
 <b>DS1341+</b> Analog Devices / Maxim Integrated	 <b>DS1340U-33+</b> Analog Devices Inc./Maxim Integrated IC RTC CLOCK/CALENDAR I2C 8UMAX	 <b>DS1340Z-3.3</b> Analog Devices / Maxim Integrated	 <b>DS1342T+T&amp;R</b> Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8TDFN	 <b>DS1340U-33+T</b> Analog Devices / Maxim Integrated	 <b>DS1342</b> 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
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info@allelco.com

### Certifications & Memberships



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