



Image may be representation.  
See specifications for product details.



## DS1672U-33+

Manufacturer Part Number	<b>DS1672U-33+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-DS1672U-33+
ECAD Model	Request Free CAD Models
Parts Description	IC RTC BINARY COUNTER I2C 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>DS1672.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

DS1672U-33+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1672U-33+ datasheet/specifications on AllelcoElec.com.  
Request a quote for DS1672U-33+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DS1672U-33+ Tech Specifications

DS1672U-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 ~ 3.63V	Mounting Type	Surface Mount
Voltage - Supply	2.97V ~ 3.63V	Memory Size	-
Type	Binary Counter	Interface	I <sup>2</sup> C, 2-Wire Serial
Time Format	Binary	Features	Trickle-Charger
Supplier Device Package	8-uMAX/uSOP	Date Format	Binary
Series	-	Current - Timekeeping (Max)	500µA @ 3.63V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	DS1672
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1672U-33+

Product Attribute				
Part Number	DS1672U-33+	<b>DS1673E-5+</b>	<b>DS1673E-3+</b>	<b>DS1678S</b>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply	2.97V ~ 3.63V	4.5V ~ 5.5V	2.7V ~ 3.3V	4.5V ~ 5.5V
Supplier Device Package	8-uMAX/uSOP	20-TSSOP	20-TSSOP	8-SOIC
Package	Tube	Tube	Tube	Tube
Date Format	Binary	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C
Voltage - Supply, Battery	1.3V ~ 3.63V	2.5V ~ 3.7V	2.5V ~ 3.7V	2.6V ~ 3.5V
Features	Trickle-Charger	Alarm, Leap Year, Watchdog Timer	Alarm, Leap Year, Watchdog Timer	Alarm, Leap Year, NVSRAM, Y2K
Type	Binary Counter	Portable System Controller	Portable System Controller	Time Event Recorder
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.209", 5.30mm Width)
Time Format	Binary	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)
Memory Size	-	-	-	32B
Series	-	-	-	-
Current - Timekeeping (Max)	500µA @ 3.63V	300µA @ 5V	100µA @ 3V	-
Interface	I <sup>2</sup> C, 2-Wire Serial	3-Wire Serial	3-Wire Serial	I <sup>2</sup> C, 2-Wire Serial
Base Product Number	DS1672	DS1673	DS1673	DS1678
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

## DS1672U-33+ Datasheet PDF

Download DS1672U-33+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1672U-33+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

[DS1672.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS1672U-33+ .pdf](#)

### Application Notes

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

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

[Estimating Super Capacitor Backup Time on Trickle-.pdf](#)



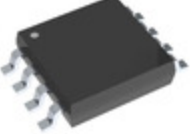















[DS32kHz used with Maxim Real-Time Clocks.pdf](#)

### Other Related Documents



## Customers Also Interested in

### Recommended Products

					
<b>DS1673E-5+</b> Analog Devices Inc./Maxim Integrated IC RTC SYST CTRLR SER 20TSSOP	<b>DS1673E-3+</b> Analog Devices Inc./Maxim Integrated IC RTC SYST CTRLR SER 20TSSOP	<b>DS1678S</b> Analog Devices Inc./Maxim Integrated IC RTC TIME EVENT REC I2C 8SOIC	<b>DS1672S-33</b> Analog Devices Inc./Maxim Integrated IC RTC BINARY COUNTER I2C 8SOIC	<b>DS1672U-3+</b> Analog Devices Inc./Maxim Integrated IC RTC BINARY COUNTER I2C 8UMAX	<b>DS1672U-33</b> Analog Devices Inc./Maxim Integrated IC RTC BINARY COUNTER I2C 8UMAX
					
<b>DS1672S-33+</b> Analog Devices Inc./Maxim Integrated IC RTC BINARY COUNTER I2C 8SOIC	<b>DS1677-5</b> DLADES	<b>DS1672S-3+TR</b> Analog Devices / Maxim Integrated	<b>DS1672S-33+T</b> Analog Devices / Maxim Integrated	<b>DS1672S-33+TR</b> Analog Devices / Maxim Integrated	<b>DS1672S-33+T&amp;R</b> Analog Devices Inc./Maxim Integrated IC RTC BINARY COUNTER I2C 8SOIC
					
<b>DS1672S-3+T&amp;R</b> Analog Devices / Maxim Integrated	<b>DS1673-3</b> Analog Devices / Maxim Integrated	<b>DS1673S-5</b> Analog Devices Inc./Maxim Integrated IC RTC SYST CTRLR SER 20SOIC	<b>DS1672U-33+T&amp;R</b> Analog Devices Inc./Maxim Integrated IC RTC BINARY COUNTER I2C 8UMAX	<b>DS1674</b> DALLAS	<b>DS1673S-3</b> Analog Devices Inc./Maxim Integrated IC RTC SYST CTRLR SER 20SOIC

## 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

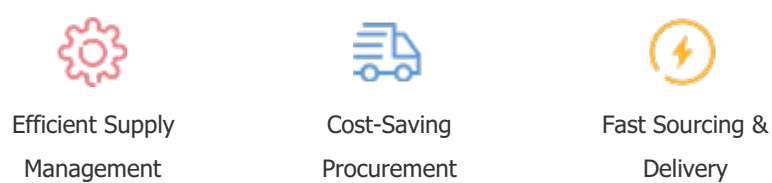
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

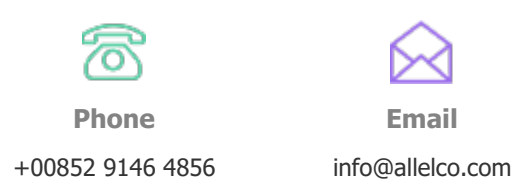
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)