



Image may be representation.
See specifications for product details.



DS3232MZ+

Manufacturer Part Number	DS3232MZ+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS3232MZ+
ECAD Model	Request Free CAD Models
Parts Description	IC RTC CLK/CALENDAR I2C 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS3232MZ+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS3232MZ+ datasheet/specifications on AllelcoElec.com. Request a quote for DS3232MZ+, please send us email: info@allelco.com

Specifications

DS3232MZ+ Tech Specifications

DS3232MZ+ - 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	2.3V ~ 4.5V	Mounting Type	Surface Mount
Voltage - Supply	2.3V ~ 4.5V	Memory Size	236B
Type	Clock/Calendar	Interface	I ² C, 2-Wire Serial
Time Format	HH:MM:SS (12/24 hr)	Features	Alarm, Leap Year, Square Wave Output, SRAM
Supplier Device Package	8-SOIC	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	175µA @ 2.3V ~ 4.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	DS3232
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS3232MZ+

Product Attribute				
Part Number	DS3232MZ+	DS3232S#	DS3232MZ/V+	DS3232MZ+TRL
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-SOIC	20-SOIC	8-SOIC	8-SOIC
Features	Alarm, Leap Year, Square Wave Output, SRAM	Alarm, Leap Year, Square Wave Output, SRAM, TCXO/Crystal	Alarm, Leap Year, Square Wave Output, SRAM	Alarm, Leap Year, Square Wave Output, SRAM
Series	-	-	Automotive, AEC-Q100	-
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Current - Timekeeping (Max)	175µA @ 2.3V ~ 4.5V	120µA ~ 160µA @ 3.3V ~ 5.5V	175µA @ 2.3V ~ 4.5V	175µA @ 2.3V ~ 4.5V
Memory Size	236B	236B	236B	236B
Package / Case	8-SOIC (0.154", 3.90mm Width)	20-SOIC (0.295", 7.50mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
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)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Voltage - Supply	2.3V ~ 4.5V	2.3V ~ 5.5V	2.3V ~ 4.5V	2.3V ~ 4.5V
Voltage - Supply, Battery	2.3V ~ 4.5V	2.3V ~ 5.5V	2.3V ~ 4.5V	2.3V ~ 4.5V
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Base Product Number	DS3232	DS3232	DS3232	DS3232

DS3232MZ+ Datasheet PDF

Download DS3232MZ+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS3232MZ+ - Analog Devices Inc./Maxim Integrated.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information

Maxim Integrated RoHS Cert.pdf

Material Declaration DS3232MZ+.pdf

Application Notes

State Machine Logic in Binary-Coded Decimal (BCD)-.pdf

Industry Turns to MEMS for Accurate Real-Time Cloc.pdf

Stuxnet and Other Things that Go Bump in the Night.pdf

MEMS Technology Provides Tangible Benefits for Rea.pdf



















Other Related Documents



Tips for Writing Bulletproof Real-Time Clock Contr.pdf

Customers Also Interested in

Recommended Products

					
DS3232S# Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 20SOIC	DS3232M Analog Devices / Maxim Integrated	DS3232MZ/V+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8SOIC	DS3232-B0918AAT/LF ACX	DS3232-B0918BBT/LF ACX	DS3232-B0918CCT/LF ACX
					
DS3232MZ/V Analog Devices / Maxim Integrated	DS3232 Analog Devices / Maxim Integrated	DS3232N+ Analog Devices / Maxim Integrated	DS3232N Analog Devices / Maxim Integrated	DS3232MZ+TRL Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 8SOIC	DS3232-B0918C ACX
					
DS3232SN Analog Devices / Maxim Integrated	DS3232-B0918CCT ACX	DS3232-B0918CC/LF ACX	DS3232-B0918CAT/LF ACX	DS3232-B0918CAT ACX	DS3232S#T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR I2C 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 -

 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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