



Image may be representation.
See specifications for product details.



DS1302ZN

Manufacturer Part Number	DS1302ZN
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS1302ZN
ECAD Model	Request Free CAD Models
Parts Description	IC RTC CLK/CALENDAR SER 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	DS1302.pdf

Get a Quote

DS1302ZN - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology DS1302ZN datasheet/specifications on AllelcoElec.com.
Request a quote for DS1302ZN, please send us email: info@allelco.com

Specifications

DS1302ZN Tech Specifications

DS1302ZN - 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	2V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 5.5V	Memory Size	31B
Type	Clock/Calendar	Interface	3-Wire Serial
Time Format	HH:MM:SS (12/24 hr)	Features	Leap Year, NVSRAM, Trickle-Charger
Supplier Device Package	8-SOIC	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	0.3µA ~ 1µA @ 2V ~ 5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	DS1302
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1302ZN

Product Attribute				
Part Number	DS1302ZN	DS1302ZN+	DS1302ZN+T&R	DS1302ZNT&R
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Interface	3-Wire Serial	3-Wire Serial	3-Wire Serial	3-Wire Serial
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	DS1302	DS1302	DS1302	DS1302
Voltage - Supply, Battery	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
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)
Series	-	-	-	-
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Current - Timekeeping (Max)	0.3µA ~ 1µA @ 2V ~ 5V	0.3µA ~ 1µA @ 2V ~ 5V	0.3µA ~ 1µA @ 2V ~ 5V	0.3µA ~ 1µA @ 2V ~ 5V
Features	Leap Year, NVSRAM, Trickle-Charger	Leap Year, NVSRAM, Trickle-Charger	Leap Year, NVSRAM, Trickle-Charger	Leap Year, NVSRAM, Trickle-Charger
Memory Size	31B	31B	31B	31B

DS1302ZN Datasheet PDF

Download DS1302ZN pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1302ZN - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS1302.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Application Notes

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



















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

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Customers Also Interested in

Recommended Products

 DS1302ZN+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SER 8SOIC	 DS1302Z+T Analog Devices / Maxim Integrated	 DS1302ZN+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SER 8SOIC	 DS1302Z+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SER 8SOIC	 DS1305E+T Analog Devices / Maxim Integrated	 DS1302Z Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SER 8SOIC
 DS1302Z+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SER 8SOIC	 DS1302ZN+T Analog Devices / Maxim Integrated	 DS1305E Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP	 DS1305E+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP	 DS1302Z+T & R Analog Devices / Maxim Integrated	 DS1302Z+TR Analog Devices / Maxim Integrated
 DS1302ZN+TR	 DS1302ZM/TR HG/HX	 DS1305 Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 16DIP	 DS1305+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 16DIP	 DS1302Z-TE2 Analog Devices / Maxim Integrated	 DS1302Z-T&R DALLAS

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

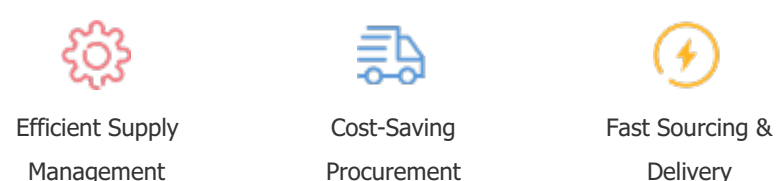
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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



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