



Image may be representation.
See specifications for product details.



DS1306E+

Manufacturer Part Number	DS1306E+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS1306E+
ECAD Model	Request Free CAD Models
Parts Description	IC RTC CLK/CALENDAR SPI 20TSSOP
Package	20-TSSOP (0.173', 4.40mm Width)
Data sheet	DS1306.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS1306E+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1306E+ datasheet/specifications on AllelcoElec.com.
Request a quote for DS1306E+, please send us email: info@allelco.com

Specifications

DS1306E+ Tech Specifications

DS1306E+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Battery	2V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 5.5V	Memory Size	96B
Type	Clock/Calendar	Interface	SPI
Time Format	HH:MM:SS (12/24 hr)	Features	Alarm, Leap Year, NVSRAM, Square Wave Output, Trickle-Charger
Supplier Device Package	20-TSSOP	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	25.3µA ~ 81µA @ 2V ~ 5V
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Base Product Number	DS1306
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1306E+

Product Attribute				
Part Number	DS1306E+	DS1306EN+T&R	DS1306	DS1305N
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Package / Case	20-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)	16-DIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)
Base Product Number	DS1306	DS1306	DS1306	DS1305
Series	-	-	-	-
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Voltage - Supply, Battery	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Package	Tube	Tape & Reel (TR)	Tube	Tube
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)
Current - Timekeeping (Max)	25.3µA ~ 81µA @ 2V ~ 5V	25.3µA ~ 81µA @ 2V ~ 5V	25.3µA ~ 81µA @ 2V ~ 5V	25.3µA ~ 81µA @ 2V ~ 5V
Supplier Device Package	20-TSSOP	20-TSSOP	16-PDIP	16-PDIP
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C
Features	Alarm, Leap Year, NVSRAM, Square Wave Output, Trickle-Charger	Alarm, Leap Year, NVSRAM, Square Wave Output, Trickle-Charger	Alarm, Leap Year, NVSRAM, Square Wave Output, Trickle-Charger	Alarm, Leap Year, NVSRAM, Trickle-Charger
Memory Size	96B	96B	96B	96B
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Interface	SPI	SPI	SPI	SPI
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar

DS1306E+ Datasheet PDF

Download DS1306E+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1306E+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS1306.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS1306E+ .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](#)

[Interfacing a DS1305 RTC with an 8051-Type Microco.pdf](#)



















Other Related Documents



Tips for Writing Bulletproof Real-Time Clock Contr.pdf

Customers Also Interested in

Recommended Products

					
DS1306EN+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP	DS1305EN+T DALLAS	DS1306 Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 16DIP	DS1306EN+T Analog Devices / Maxim Integrated	DS1305N Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 16DIP	DS1306E Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP
					
DS1305EN+TR Analog Devices / Maxim Integrated	DS1306E+T Analog Devices / Maxim Integrated	DS1306EN+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP	DS1306E+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP	DS1306EN+TR Analog Devices / Maxim Integrated	DS1305EN+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP
					
DS1305N+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 16DIP	DS1306E+TR Analog Devices / Maxim Integrated	DS1305N+-ND Analog Devices / Maxim Integrated	DS1305EN+T&R Analog Devices / Maxim Integrated	DS1306EN Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP	DS1305EN+T&R Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR SPI 20TSSOP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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