

Image may be representation.
See specifications for product details.



DS12C887+

Manufacturer Part Number	DS12C887+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS12C887+
ECAD Model	Request Free CAD Models
Parts Description	IC RTC CLK/CALENDAR PAR 24EDIP
Package	24-DIP Module (0.600', 15.24mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS12C887+ - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology DS12C887+ datasheet/specifications on AllelcoElec.com. Request a quote for DS12C887+, please send us email: info@allelco.com

Specifications

DS12C887+ Tech Specifications

DS12C887+ - 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	2.5V ~ 4V	Mounting Type	Through Hole
Voltage - Supply	4.5V ~ 5.5V	Memory Size	113B
Type	Clock/Calendar	Interface	Parallel
Time Format	HH:MM:SS (12/24 hr)	Features	Alarm, Daylight Savings, Leap Year, NVSRAM, Square Wave Output
Supplier Device Package	24-EDIP	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	15mA @ 4.5V ~ 5.5V
Package / Case	24-DIP Module (0.600', 15.24mm)	Base Product Number	DS12C887
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS12C887+

Product Attribute				
Part Number	DS12C887+	DS12CR887-33+	DS12887	DS12C887
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	24-EDIP	24-EDIP	24-EDIP	24-EDIP
Base Product Number	DS12C887	DS12CR887	DS12887	DS12C887
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C
Voltage - Supply, Battery	2.5V ~ 4V	2V ~ 3.05V	2.5V ~ 4V	2.5V ~ 4V
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Package	Tube	Tube	Tube	Tube
Features	Alarm, Daylight Savings, Leap Year, NVSRAM, Square Wave Output	Alarm, Leap Year, NVSRAM, Square Wave Output, Trickle-Charger	Alarm, Daylight Savings, Leap Year, NVSRAM, Square Wave Output	Alarm, Daylight Savings, Leap Year, NVSRAM, Square Wave Output
Interface	Parallel	Parallel	Parallel	Parallel
Memory Size	113B	114B	114B	113B
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)
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Series	-	-	-	-
Package / Case	24-DIP Module (0.600', 15.24mm)	24-DIP Module (0.600', 15.24mm)	24-DIP Module (0.600', 15.24mm)	24-DIP Module (0.600', 15.24mm)
Voltage - Supply	4.5V ~ 5.5V	2.97V ~ 3.63V	4.5V ~ 5.5V	4.5V ~ 5.5V
Current - Timekeeping (Max)	15mA @ 4.5V ~ 5.5V	2mA @ 2.97V ~ 3.63V	15mA @ 4.5V ~ 5.5V	15mA @ 4.5V ~ 5.5V

DS12C887+ Datasheet PDF

Download DS12C887+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS12C887+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Application Notes

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

[Problems and Solutions for Adjusting to Changes in.pdf](#)

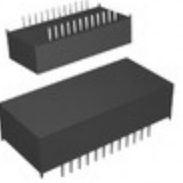



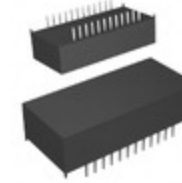

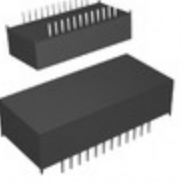


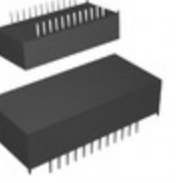





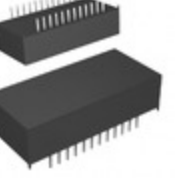


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Other Related Documents

[Tips for Writing Bulletproof Real-Time Clock Contr.pdf](#)

Customers Also Interested in

Recommended Products

					
DS12CR887-33+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 24EDIP	DS12R887 DALLAS	DS12887 Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 24EDIP	DS1290 DALLAS	DS12C887 Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 24EDIP	DS12887A Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 24EDIP
					
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DS12CR887+5 Analog Devices / Maxim Integrated	DS12C885 DALLAS	DS12885T+ Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 32TQFP	DS12C887A Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 24EDIP	DS12R887-33 Analog Devices Inc./Maxim Integrated IC RTC CLK/CALENDAR PAR 48BGA	DS12CR887+33 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.

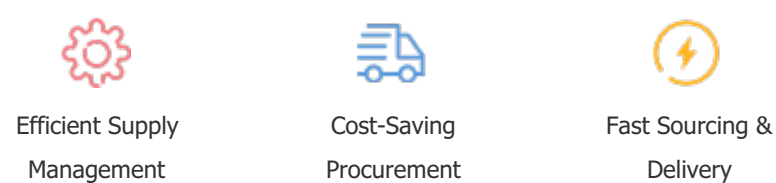
Payment Support

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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