

Image may be representation.
See specifications for product details.



ISL12057IUZ-T

Manufacturer Part Number	ISL12057IUZ-T
Manufacturer	Renesas Electronics Corporation
Allelco Part Number	32D-ISL12057IUZ-T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC RTC CLK/CALENDAR I2C 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	ISL12057IUZ-T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ISL12057IUZ-T - Renesas Electronics America Inc. New Original in Stock. Download Linear Technology ISL12057IUZ-T datasheet/specifications on AllelcoElec.com. Request a quote for ISL12057IUZ-T, please send us email: info@allelco.com

Specifications

ISL12057IUZ-T Tech Specifications
ISL12057IUZ-T - Renesas Electronics America Inc technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Renesas Electronics Corporation	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Battery	-	Mounting Type	Surface Mount
Voltage - Supply	1.8V ~ 3.6V	Memory Size	-
Type	Clock/Calendar	Interface	I²C, 2-Wire Serial
Time Format	HH:MM:SS (12/24 hr)	Features	Alarm, Leap Year
Supplier Device Package	8-MSOP	Date Format	YY-MM-DD-dd
Series	-	Current - Timekeeping (Max)	0.65µA @ 1.8V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	ISL12057
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Renesas Electronics America Inc ISL12057IUZ-T

Product Attribute				
Part Number	ISL12057IUZ-T	ISL12058IRTZ-T	ISL12030IBZ	ISL12058IRTZ
Manufacturer	Renesas Electronics America Inc	Intersil	Renesas Electronics America Inc	Renesas Electronics America Inc
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad
Type	Clock/Calendar	Clock/Calendar	Clock/Calendar	Clock/Calendar
Time Format	HH:MM:SS (12/24 hr)	HH:MM:SS (12/24 hr)	HH:MM:SS:hh (12/24 hr)	HH:MM:SS (12/24 hr)
Series	-	-	-	-
Features	Alarm, Leap Year	Alarm, Leap Year	Alarm, Daylight Savings, SRAM	Alarm, Leap Year
Voltage - Supply	1.8V ~ 3.6V	1.8V ~ 3.6V	2.7V ~ 5.5V	1.8V ~ 3.6V
Current - Timekeeping (Max)	0.65µA @ 1.8V	0.65µA @ 1.8V	18µA @ 5.5V	0.65µA @ 1.8V
Memory Size	-	-	128B	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Battery	-	-	-	-
Supplier Device Package	8-MSOP	8-TDFN (3x3)	8-SOIC	8-TDFN (3x3)
Interface	I²C, 2-Wire Serial	I²C, 2-Wire Serial	I²C, 2-Wire Serial	I²C, 2-Wire Serial
Base Product Number	ISL12057	-	ISL12030	ISL12058
Package	Tape & Reel (TR)	Bulk	Tube	Tube
Date Format	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd	YY-MM-DD-dd

ISL12057IUZ-T Datasheet PDF

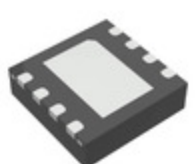
Download ISL12057IUZ-T pdf datasheets and Renesas Electronics America Inc documentation for ISL12057IUZ-T - Renesas Electronics America Inc.

PCN Packaging



Customers Also Interested in

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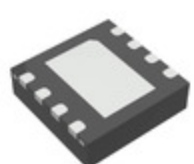
ISL12058IRTZ-T

Intersil
IC RTC CLK/CALENDAR I2C 8TDFN



ISL12030IBZ

Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8SOIC



ISL12058IRTZ

Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8TDFN



ISL12082IUZ

Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 10MSOP



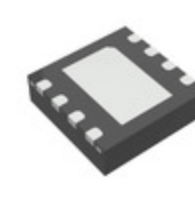
ISL12029IBZ

Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 14SOIC



ISL12032IVZ

Renesas Electronics America Inc
IC RTC EVENT REC I2C 14TSSOP

**ISL12058IBZ**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8SOIC**ISL12029IV27Z**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 14TSSOP**ISL12058IRUZ-T**Elantec
IC RTC CLK/CALENDAR I2C 8UTDFN**ISL12057IBZ**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8SOIC**ISL12058IRTZ-T**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8TDFN**ISL12082IB8Z**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8SOIC**ISL12058IRUZ-T**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8UTDFN**ISL12058IBZ-T**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 8SOIC**ISL12029IB30AZ**Renesas Electronics America Inc
IC RTC CLK/CALENDAR I2C 14SOIC**ISL12057IUZ**Intersil
IC RTC CLK/CALENDAR I2C 8MSOP**ISL12030IBZ**Intersil
IC RTC CLK/CALENDAR I2C 8SOIC**ISL12058IRUZ-T**Intersil
IC RTC CLK/CALENDAR I2C 8UTDFN

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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