



Image may be representation.  
See specifications for product details.



## ISL8490EIBZ-T

Manufacturer Part Number	<b>ISL8490EIBZ-T</b>
Manufacturer	<b>Renesas Electronics Corporation</b>
Allelco Part Number	32D-ISL8490EIBZ-T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TRANSCEIVER FULL 1/1 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	ISL8490EIBZ-T.pdf
RoHs Status	<b>ROHS3 Compliant</b>

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ISL8490EIBZ-T - Renesas Electronics America Inc. New Original in Stock. Download Linear Technology ISL8490EIBZ-T datasheet/specifications on AllelcoElec.com. Request a quote for ISL8490EIBZ-T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ISL8490EIBZ-T Tech Specifications  
ISL8490EIBZ-T - Renesas Electronics America Inc technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Renesas Electronics Corporation	Package	Tape & Reel (TR)
Voltage - Supply	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Duplex	Full
Receiver Hysteresis	70 mV	Data Rate	10Mbps
Protocol	RS422, RS485	Base Product Number	ISL8490
Package / Case	8-SOIC (0.154", 3.90mm Width)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Renesas Electronics America Inc ISL8490EIBZ-T

Product Attribute				
Part Number	ISL8490EIBZ-T	ISL8490IB	ISL8489EIBZ-T	ISL8490IBZ
Manufacturer	Renesas Electronics America Inc	Intersil	Renesas Electronics America Inc	Renesas Electronics America Inc
Duplex	Full	Full	Full	Full
Supplier Device Package	8-SOIC	8-SOIC	14-SOIC	8-SOIC
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Type	Transceiver	Transceiver	Transceiver	Transceiver
Series	-	-	-	-
Receiver Hysteresis	70 mV	70 mV	70 mV	70 mV
Base Product Number	ISL8490	-	ISL8489	ISL8490
Number of Drivers/Receivers	1/1	1/1	1/1	1/1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Rate	10Mbps	5Mbps	250kbps	5Mbps
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Protocol	RS422, RS485	RS422, RS485	RS422, RS485	RS422, RS485

### ISL8490EIBZ-T Datasheet PDF

Download ISL8490EIBZ-T pdf datasheets and Renesas Electronics America Inc documentation for ISL8490EIBZ-T - Renesas Electronics America Inc.

#### PCN Packaging

Label Change-All Devices 01/Dec/2022.pdf

#### PCN Assembly/Origin

Mult Dev Assembly/Mat Chg 4/Jun/2020.pdf




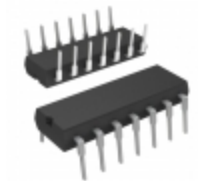








#### PCN Design/Specification

New T-type End Plug 08/Jun/2016.pdf

### Customers Also Interested in

#### Recommended Products



ISL8490IB	ISL8489EIBZ-T	ISL8490IBZ	ISL8490IP	ISL8489EIB	ISL8490EIBZ
Intersil IC TRANSCEIVER FULL 1/1 8SOIC	Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC	Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 8SOIC	Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 8DIP	Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC	Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 8SOIC
					
<b>ISL8488IPZ</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 8DIP	<b>ISL8491EIBZ</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC	<b>ISL8489IP</b> Intersil IC TRANSCEIVER FULL 1/1 14DIP	<b>ISL8489IP</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14DIP	<b>ISL8489EIB</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC	<b>ISL8490EIBZ</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 8SOIC
					
<b>ISL8489IB</b> Intersil IC TRANSCEIVER FULL 1/1 14SOIC	<b>ISL8490IP</b> Intersil IC TRANSCEIVER FULL 1/1 8DIP	<b>ISL8490IBZ-T</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 8SOIC	<b>ISL8491EIBZ-T</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC	<b>ISL8491EIB</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC	<b>ISL8489EIBZ</b> Renesas Electronics America Inc IC TRANSCEIVER FULL 1/1 14SOIC

## 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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