



### **ISL43231IR-T Information**

Part Number ISL43231IR-T

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

**Demultiplexers** 

**Description** IC SWITCH TRIPLE SPDT 20QFN

Package 20-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









### **ISL43231IR-T Specifications**

Manufacturer Part Number	ISL43231IR-T
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs)
	Interface - Analog Switches, Multiplexers, Demultiplexers
Package	20-VFQFN Exposed Pad
Series	-
Switch Circuit	SPDT
Multiplexer/Demultiplexer Circuit	2:1
Number of Circuits	3
On-State Resistance (Max)	50 Ohm
Channel-to-Channel Matching (Ron)	1.3 Ohm
Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2 V ~ 6 V
Switch Time (Ton, Toff) (Max)	35ns, 22ns (Typ)
-3db Bandwidth	-
Charge Injection	0.3pC
Channel Capacitance (CS(off), CD(off))	3pF, 9pF
Current - Leakage (IS(off)) (Max)	2pA (Typ)
Crosstalk	-110dB @ 100kHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	20-VFQFN Exposed Pad
Supplier Device Package	20-QFN-EP (4x4)
	Report errors?

#### **ISL43231IR-T Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **ISL43231IR-T Payment Methods**









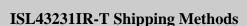
























If you have any question about ISL43231IR-T, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com