

**ISL43145IRZ Information**


For Reference Only

**Part Number** [ISL43145IRZ](#)  
**Manufacturer** Intersil  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC SWITCH QUAD SPST 16QFN  
**Package** 16-VQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

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.


**ISL43145IRZ Specifications**

Manufacturer Part Number	<a href="#">ISL43145IRZ</a>
Manufacturer	Intersil
Category	Integrated Circuits (ICs) <a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a>
Package	16-VQFN Exposed Pad
Series	-
Switch Circuit	SPST - NO/NC
Multiplexer/Demultiplexer Circuit	1:1
Number of Circuits	4
On-State Resistance (Max)	25 Ohm
Channel-to-Channel Matching (Ron)	500 mOhm
Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2.6 V ~ 6 V
Switch Time (Ton, Toff) (Max)	65ns, 50ns
-3db Bandwidth	-
Charge Injection	5pC (Max)
Channel Capacitance (CS(off), CD(off))	10pF, 26pF
Current - Leakage (IS(off)) (Max)	100pA
Crosstalk	-89dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	16-VQFN Exposed Pad
Supplier Device Package	16-QFN (4x4)

[Report errors?](#)

## ISL43145IRZ 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.

## ISL43145IRZ Payment Methods



## ISL43145IRZ Shipping Methods



If you have any question about ISL43145IRZ, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)