

**ISL54059IRUZ-T Information**


For Reference Only

**Part Number** [ISL54059IRUZ-T](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC SWITCH DUAL SPDT 10UTQFN  
**Package** 10-UFQFN  
 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.


**ISL54059IRUZ-T Specifications**

Manufacturer Part Number	<a href="#">ISL54059IRUZ-T</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a>
Package	10-UFQFN
Series	-
Switch Circuit	SPDT
Multiplexer/Demultiplexer Circuit	2:1
Number of Circuits	2
On-State Resistance (Max)	520 mOhm (Typ)
Channel-to-Channel Matching (Ron)	10 mOhm
Voltage - Supply, Single (V+)	1.8 V ~ 6.5 V
Voltage - Supply, Dual (V±)	-
Switch Time (Ton, Toff) (Max)	35ns, 16ns
-3db Bandwidth	60MHz
Charge Injection	170pC
Channel Capacitance (CS(off), CD(off))	36pF
Current - Leakage (IS(off)) (Max)	8.13nA
Crosstalk	-75dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	10-UFQFN
Supplier Device Package	10-UTQFN (1.8x1.4)

[Report errors?](#)

## ISL54059IRUZ-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.

## ISL54059IRUZ-T Payment Methods



## ISL54059IRUZ-T Shipping Methods



If you have any question about ISL54059IRUZ-T, please do not hesitate to contact us!

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

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