

**ISL84544IPZ Information**


For Reference Only

**Part Number** [ISL84544IPZ](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC SWITCH SPDT 8DIP  
**Package** 8-DIP (0.300", 7.62mm)  
 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.


**ISL84544IPZ Specifications**

Manufacturer Part Number	<a href="#">ISL84544IPZ</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a>
Package	8-DIP (0.300", 7.62mm)
Series	-
Switch Circuit	SPDT
Multiplexer/Demultiplexer Circuit	2:1
Number of Circuits	1
On-State Resistance (Max)	60 Ohm
Channel-to-Channel Matching (Ron)	800 mOhm
Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	-
Switch Time (Ton, Toff) (Max)	100ns, 75ns
-3db Bandwidth	-
Charge Injection	1pC
Channel Capacitance (CS(off), CD(off))	8pF, 8pF
Current - Leakage (IS(off)) (Max)	100pA
Crosstalk	-90dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package	8-PDIP

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## ISL84544IPZ 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.

## ISL84544IPZ Payment Methods



## ISL84544IPZ Shipping Methods



If you have any question about ISL84544IPZ, please do not hesitate to contact us!

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

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