

**ISL89165FRTAZ Information**


For Reference Only

**Part Number** [ISL89165FRTAZ](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[PMIC - Gate Drivers](#)  
**Description** MOSFET DRIVER 2CH 3.3V 6A 8TDFN  
**Package** 8-WDFN 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.


**ISL89165FRTAZ Specifications**

Manufacturer Part Number	<a href="#">ISL89165FRTAZ</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">PMIC - Gate Drivers</a>
Package	8-WDFN Exposed Pad
Series	-
Driven Configuration	Low-Side
Channel Type	Independent
Number of Drivers	2
Gate Type	N-Channel MOSFET
Voltage - Supply	4.5 V ~ 16 V
Logic Voltage - VIL, VIH	1.22V, 2.08V
Current - Peak Output (Source, Sink)	6A, 6A
Input Type	Inverting, Non-Inverting
High Side Voltage - Max (Bootstrap)	-
Rise / Fall Time (Typ)	20ns, 20ns
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-WDFN Exposed Pad
Supplier Device Package	8-TDFN (3x3)
	<a href="#">Report errors?</a>

## ISL89165FRTAZ 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.

## ISL89165FRTAZ Payment Methods



## ISL89165FRTAZ Shipping Methods



If you have any question about ISL89165FRTAZ, please do not hesitate to contact us!

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

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