

ISL6596IRZ Information


For Reference Only

Part Number [ISL6596IRZ](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[PMIC - Gate Drivers](#)
Description IC MOSFET DRVR SYNC BUCK 10-DFN
Package 10-VFDFN 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

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.


ISL6596IRZ Specifications

Manufacturer Part Number	ISL6596IRZ
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) PMIC - Gate Drivers
Package	10-VFDFN Exposed Pad
Series	-
Driven Configuration	Half-Bridge
Channel Type	Synchronous
Number of Drivers	2
Gate Type	N-Channel MOSFET
Voltage - Supply	4.5 V ~ 5.5 V
Logic Voltage - VIL, VIH	-
Current - Peak Output (Source, Sink)	-, 4A
Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	36V
Rise / Fall Time (Typ)	8ns, 8ns
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	10-VFDFN Exposed Pad
Supplier Device Package	10-DFN (3x3)

[Report errors?](#)

ISL6596IRZ 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.

ISL6596IRZ Payment Methods



ISL6596IRZ Shipping Methods



If you have any question about ISL6596IRZ, please do not hesitate to contact us!

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