

ISL6596CRZ Information


For Reference Only

Part Number [ISL6596CRZ](#)
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.


ISL6596CRZ Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | ISL6596CRZ |
| 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 | 0°C ~ 125°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 10-VFDFN Exposed Pad |
| Supplier Device Package | 10-DFN (3x3) |

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ISL6596CRZ 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.

ISL6596CRZ Payment Methods



ISL6596CRZ Shipping Methods



If you have any question about ISL6596CRZ, please do not hesitate to contact us!

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