

**ISL6612AIRZ Information**


For Reference Only

**Part Number** [ISL6612AIRZ](#)  
**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](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.


**ISL6612AIRZ Specifications**

|                                      |  |
|--------------------------------------|--|
| Manufacturer Part Number             | <a href="#">ISL6612AIRZ</a>                                      |
| Manufacturer                         | Renesas Electronics America                                      |
| Category                             | Integrated Circuits (ICs)<br><a href="#">PMIC - Gate Drivers</a> |
| Package                              | 10-VFDFN Exposed Pad   |
| Series                               | -  |
| Driven Configuration                 | Half-Bridge  |
| Channel Type                         | Synchronous  |
| Number of Drivers                    | 2  |
| Gate Type                            | N-Channel MOSFET   |
| Voltage - Supply                     | 10.8 V ~ 13.2 V  |
| Logic Voltage - VIL, VIH             | -  |
| Current - Peak Output (Source, Sink) | 1.25A, 2A  |
| Input Type                           | Non-Inverting  |
| High Side Voltage - Max (Bootstrap)  | 36V  |
| Rise / Fall Time (Typ)               | 26ns, 18ns   |
| 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?](#)

## ISL6612AIRZ 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.

## ISL6612AIRZ Payment Methods



## ISL6612AIRZ Shipping Methods



If you have any question about ISL6612AIRZ, please do not hesitate to contact us!

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

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