

**ISL8845AMBZ Information**


For Reference Only

**Part Number** [ISL8845AMBZ](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)  
**Description** IC REG CTRLR BOOST/FLYBACK 8SOIC  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 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.


**ISL8845AMBZ Specifications**

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">ISL8845AMBZ</a>                                                                          |
| Manufacturer               | Renesas Electronics America                                                                          |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - DC DC Switching Controllers</a> |
| Package                    | 8-SOIC (0.154", 3.90mm Width)                                                                        |
| Series                     | -                                                                                                    |
| Output Type                | Transistor Driver                                                                                    |
| Function                   | Step-Up, Step-Up/Step-Down                                                                           |
| Output Configuration       | Positive, Isolation Capable                                                                          |
| Topology                   | Boost, Flyback                                                                                       |
| Number of Outputs          | 1                                                                                                    |
| Output Phases              | 1                                                                                                    |
| Voltage - Supply (Vcc/Vdd) | 9 V ~ 30 V                                                                                           |
| Frequency - Switching      | Up to 2MHz                                                                                           |
| Duty Cycle (Max)           | 48%                                                                                                  |
| Synchronous Rectifier      | No                                                                                                   |
| Clock Sync                 | No                                                                                                   |
| Serial Interfaces          | -                                                                                                    |
| Control Features           | Current Limit, Frequency Control                                                                     |
| Operating Temperature      | -55°C ~ 125°C (TJ)                                                                                   |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width)                                                                        |
| Supplier Device Package    | 8-SOIC                                                                                               |

[Report errors?](#)

## ISL8845AMBZ 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.

## ISL8845AMBZ Payment Methods



## ISL8845AMBZ Shipping Methods



If you have any question about ISL8845AMBZ, please do not hesitate to contact us!

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

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