

**ISL6431CB-T Information**


For Reference Only

**Part Number** [ISL6431CB-T](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)  
**Description** IC REG CTRLR BUCK 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.


**ISL6431CB-T Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ISL6431CB-T</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-Down  |
| Output Configuration       | Positive   |
| Topology                   | Buck   |
| Number of Outputs          | 1  |
| Output Phases              | 1  |
| Voltage - Supply (Vcc/Vdd) | 4.5 V ~ 5.5 V  |
| Frequency - Switching      | 300kHz   |
| Duty Cycle (Max)           | 100%   |
| Synchronous Rectifier      | Yes  |
| Clock Sync                 | No   |
| Serial Interfaces          | -  |
| Control Features           | Phase Control  |
| Operating Temperature      | 0°C ~ 70°C (TA)  |
| Package / Case             | 8-SOIC (0.154", 3.90mm Width)  |
| Supplier Device Package    | 8-SOIC   |

[Report errors?](#)

## ISL6431CB-T 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.

## ISL6431CB-T Payment Methods



## ISL6431CB-T Shipping Methods



If you have any question about ISL6431CB-T, please do not hesitate to contact us!

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

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