

**ST1S06PUR Information**


For Reference Only

**Part Number** [ST1S06PUR](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG BUCK ADJ 1.5A SYNC DFN6  
**Package** 6-VDFN 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.


**ST1S06PUR Specifications**

|                              |   |
|------------------------------|---|
| Manufacturer Part Number     | <a href="#">ST1S06PUR</a>   |
| Manufacturer                 | STMicroelectronics  |
| Category                     | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a> |
| Package                      | 6-VDFN Exposed Pad  |
| Series                       | -   |
| Function                     | Step-Down   |
| Output Configuration         | Positive  |
| Topology                     | Buck  |
| Output Type                  | Adjustable  |
| Number of Outputs            | 1   |
| Voltage - Input (Min)        | 2.7V  |
| Voltage - Input (Max)        | 6V  |
| Voltage - Output (Min/Fixed) | 0.8V  |
| Voltage - Output (Max)       | 5.22V   |
| Current - Output             | 1.5A  |
| Frequency - Switching        | 1.5MHz  |
| Synchronous Rectifier        | Yes   |
| Operating Temperature        | -30°C ~ 85°C (TJ)   |
| Mounting Type                | Surface Mount   |
| Package / Case               | 6-VDFN Exposed Pad  |
| Supplier Device Package      | 6-DFN (3x3)   |

[Report errors?](#)

## ST1S06PUR 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.

## ST1S06PUR Payment Methods



## ST1S06PUR Shipping Methods



If you have any question about ST1S06PUR, please do not hesitate to contact us!

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

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