

**RT6222BHGJ6F Information**


For Reference Only

**Part Number** [RT6222BHGJ6F](#)  
**Manufacturer** Richtek USA Inc.  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG BUCK ADJ 2.5A SYNC TSOT23  
**Package** SOT-23-6  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**RT6222BHGJ6F Specifications**

|                              |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| Manufacturer Part Number     | <a href="#">RT6222BHGJ6F</a>                                                                        |
| Manufacturer                 | Richtek USA Inc.                                                                                    |
| Category                     | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a> |
| Package                      | SOT-23-6                                                                                            |
| Series                       | ACOT?                                                                                               |
| Function                     | Step-Down                                                                                           |
| Output Configuration         | Positive                                                                                            |
| Topology                     | Buck                                                                                                |
| Output Type                  | Adjustable                                                                                          |
| Number of Outputs            | 1                                                                                                   |
| Voltage - Input (Min)        | 4.3V                                                                                                |
| Voltage - Input (Max)        | 18V                                                                                                 |
| Voltage - Output (Min/Fixed) | 0.6V                                                                                                |
| Voltage - Output (Max)       | 8V                                                                                                  |
| Current - Output             | 2.5A                                                                                                |
| Frequency - Switching        | 500kHz                                                                                              |
| Synchronous Rectifier        | Yes                                                                                                 |
| Operating Temperature        | -40°C ~ 85°C (TA)                                                                                   |
| Mounting Type                | Surface Mount                                                                                       |
| Package / Case               | SOT-23-6                                                                                            |
| Supplier Device Package      | TSOT-23-6 (FC)                                                                                      |

[Report errors?](#)

## RT6222BHGJ6F 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.

## RT6222BHGJ6F Payment Methods



## RT6222BHGJ6F Shipping Methods



If you have any question about RT6222BHGJ6F, please do not hesitate to contact us!

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

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