

**BD6512F-E2 Information**


For Reference Only

**Part Number** [BD6512F-E2](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Integrated Circuits (ICs)  
[PMIC - Power Distribution Switches, Load Drivers](#)  
**Description** IC SWITCH HIGH SIDE 2CH SOP-8  
**Package** 8-SOIC (0.173", 4.40mm Width)  
 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.


**BD6512F-E2 Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">BD6512F-E2</a>  |
| Manufacturer               | Rohm Semiconductor  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Power Distribution Switches, Load Drivers</a> |
| Package                    | 8-SOIC (0.173", 4.40mm Width)   |
| Series                     | -   |
| Switch Type                | USB Switch  |
| Number of Outputs          | 2   |
| Ratio - Input:Output       | 1:2   |
| Output Configuration       | High Side   |
| Output Type                | N-Channel   |
| Interface                  | On/Off  |
| Voltage - Load             | 3 V ~ 5.5 V   |
| Voltage - Supply (Vcc/Vdd) | Not Required  |
| Current - Output (Max)     | 500mA   |
| Rds On (Typ)               | 100 mOhm  |
| Input Type                 | Non-Inverting   |
| Features                   | Status Flag   |
| Fault Protection           | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO                             |
| Operating Temperature      | -25°C ~ 85°C (TA)   |
| Package / Case             | 8-SOIC (0.173", 4.40mm Width)   |
| Supplier Device Package    | 8-SOP   |

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## BD6512F-E2 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.

## BD6512F-E2 Payment Methods



## BD6512F-E2 Shipping Methods



If you have any question about BD6512F-E2, please do not hesitate to contact us!

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

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