

**BRD1165C-TL Information**


For Reference Only

**Part Number** [BRD1165C-TL](#)  
**Manufacturer** Power Integrations  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** BRIDGESWITCH 5.5 A  
**Package** 24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads  
 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.


**BRD1165C-TL Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">BRD1165C-TL</a>   |
| Manufacturer               | Power Integrations  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Full, Half-Bridge Drivers</a> |
| Package                    | 24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads                          |
| Series                     | BridgeSwitch  |
| Output Configuration       | Half Bridge   |
| Applications               | DC Motors, General Purpose  |
| Interface                  | Analog, Logic, PWM  |
| Load Type                  | Capacitive and Resistive  |
| Technology                 | -   |
| Rds On (Typ)               | 830mOhm LS, 830mOhm HS  |
| Current - Output / Channel | 5.5A  |
| Current - Peak Output      | -   |
| Voltage - Supply           | 50V   |
| Voltage - Load             | -   |
| Operating Temperature      | -40°C ~ 150°C (TJ)  |
| Features                   | Bootstrap Circuit   |
| Fault Protection           | Current Limiting, Over Temperature, Over Voltage                              |
| Mounting Type              | Surface Mount   |
| Package / Case             | 24-PowerSMD Module (0.425", 10.80mm Width), 17 Leads                          |
| Supplier Device Package    | InSOP-24C   |

[Report errors?](#)

## BRD1165C-TL 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.

## BRD1165C-TL Payment Methods



## BRD1165C-TL Shipping Methods



If you have any question about BRD1165C-TL, please do not hesitate to contact us!

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

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