

**PT5806C Information**


For Reference Only

**Part Number** [PT5806C](#)  
**Manufacturer** Texas Instruments  
**Category** Power Supplies - Board Mount  
[DC DC Converters](#)  
**Description** REG 1.0V 18A 4.5/5.5VIN SMD  
**Package** 18-SMD Module  
 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.


**PT5806C Specifications**

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">PT5806C</a>  |
| Manufacturer             | Texas Instruments  |
| Category                 | Power Supplies - Board Mount<br><a href="#">DC DC Converters</a> |
| Package                  | 18-SMD Module  |
| Series                   | Excalibur? PT5800  |
| Type                     | Non-Isolated PoL Module  |
| Number of Outputs        | 1  |
| Voltage - Input (Min)    | 4.5V   |
| Voltage - Input (Max)    | 5.5V   |
| Voltage - Output 1       | 1V   |
| Voltage - Output 2       | -  |
| Voltage - Output 3       | -  |
| Voltage - Output 4       | -  |
| Current - Output (Max)   | 18A  |
| Power (Watts)            | -  |
| Voltage - Isolation      | -  |
| Applications             | ITE (Commercial)   |
| Features                 | OCP, OTP   |
| Operating Temperature    | -40°C ~ 85°C   |
| Efficiency               | 84%  |
| Mounting Type            | Surface Mount  |
| Package / Case           | 18-SMD Module  |
| Size / Dimension         | 2.00" L x 1.19" W x 0.31" H (50.8mm x 30.2mm x 7.9mm)            |

|                         |   |
|-------------------------|---|
| Supplier Device Package | - |
| Control Features        | - |

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### PT5806C 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.

### PT5806C Payment Methods



### PT5806C Shipping Methods



If you have any question about PT5806C, please do not hesitate to contact us!  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)