

**BFP 183 E7764 Information**


For Reference Only

**Part Number** [BFP 183 E7764](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - RF](#)  
**Description** TRANSISTOR NPN RF 12V SOT-143  
**Package** TO-253-4, TO-253AA  
 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.


**BFP 183 E7764 Specifications**

|                                             |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| Manufacturer Part Number                    | <a href="#">BFP 183 E7764</a>                                                       |
| Manufacturer                                | Infineon Technologies                                                               |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - Bipolar (BJT) - RF</a> |
| Package                                     | TO-253-4, TO-253AA                                                                  |
| Series                                      | -                                                                                   |
| Transistor Type                             | NPN                                                                                 |
| Voltage - Collector Emitter Breakdown (Max) | 12V                                                                                 |
| Frequency - Transition                      | 8GHz                                                                                |
| Noise Figure (dB Typ @ f)                   | 0.9dB ~ 1.4dB @ 900MHz ~ 1.8GHz                                                     |
| Gain                                        | 22dB                                                                                |
| Power - Max                                 | 250mW                                                                               |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 70 @ 15mA, 8V                                                                       |
| Current - Collector (Ic) (Max)              | 65mA                                                                                |
| Operating Temperature                       | 150°C (TJ)                                                                          |
| Mounting Type                               | Surface Mount                                                                       |
| Package / Case                              | TO-253-4, TO-253AA                                                                  |
| Supplier Device Package                     | PG-SOT143-4                                                                         |

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## BFP 183 E7764 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.

## BFP 183 E7764 Payment Methods



## BFP 183 E7764 Shipping Methods



If you have any question about BFP 183 E7764, please do not hesitate to contact us!

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

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