

## 产品概览

### NSVF6001SB6: RF Transistor, NPN Single, 12 V, 100 mA, $f_T = 6.7$ GHz

欲看完整文档，请参阅数据表。

This RF transistor is designed for low noise amplifier applications. CPH package is suitable for use under high temperature environment because it has superior heat radiation characteristics. This RF transistor is AEC-Q101 qualified and PPAP capable for automotive applications.

#### 特性

- High Current ( $I_C = 100$  mA)
- Ultra miniature and thin 6 pin package
- High Collector Dissipation (800 mW)
- Pb-Free, Halogen Free and RoHS compliance
- AEC-Q101 qualified and PPAP capable
- High Gain :  $IS_{21e} = 11$  dB typ ( $f = 1$  GHz)
- High Cut-off Frequency :  $f_T = 6.7$  GHz typ

#### 应用

- Low Noise Amplifier

#### 优势

- Realize a low distorted characteristic
- Superior heat radiation characteristics
- Enable movement under the high temperature environment
- Environmental consideration
- Suitable for automotive applications

#### 终端产品

- Automotive Radio Antenna
- Automotive TV Antenna
- DAB Antenna

#### 器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Polarity	$I_C$ Continuous (A)	$V_{CE0(eus)}$ Min (V)	$h_{FE}$ Min	$h_{FE}$ Max	$P_{TM}$ Max (W)	$f_T$ Min (MHz)	NF Typ. (dB)	$ S_{21e} _2$ Typ. (dB)	Package Type
NSVF6001SB6T1G	0.2267	AEC Qualified PPAP Capable Pb-free Halide free	NEW	NPN	0.1	12	90	180	0.8	5000	1.1	11	CPH-6

欲了解更多信息，请联系您当地的销售支援 [www.onsemi.cn](http://www.onsemi.cn)。

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