

製品概要

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

技術情報は、データシートをご参照ください。

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.

特長

- 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 : $IS21eI2 = 11$ dB typ ($f = 1$ GHz)
- High Cut-off Frequency : $f_T = 6.7$ GHz typ

アプリケーション

- Low Noise Amplifier

利点

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

最終製品

- Automotive Radio Antenna
- Automotive TV Antenna
- DAB Antenna

電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Polarity	I_C Continuous (A)	$V_{CE0(ES)}$ 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

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

12/6/2019 作成