

製品概要

NSVF6003SB6: RF Transistor, NPN Single, 12 V, 150 mA, $f_T = 7$ 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

- AEC-Q101 qualified and PPAP capable
- Pb-Free, Halogen Free and RoHS compliance
- High Current ($I_C = 150$ mA)
- Ultra miniature and thin 6 pin package
- Large Collector Dissipation (800 mW)
- High Gain ($f_T = 7$ GHz typ)

利点

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

アプリケーション

- Low Noise Amplifier

最終製品

- Car FM Radio
- TV for Automotive

電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Polarity	I_C Continuous (A)	$V_{CE0(svs)}$ 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
NSVF6003SB6T1G	0.2267	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	0.15	12	100	180	0.8	7000	1.8	9	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。

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