

Product Overview

MCH3007: RF Transistor, NPN Single, 12 V, 30 mA, $f_T = 8$ GHz

For complete documentation, see the data sheet.

MCH3007 is RF Transistor, 12 V, 30 mA, $f_T = 8$ GHz, NPN Single MCPH3 for High-Frequency Low-Noise Amplifier Applications.

Features

- Low-noise use : NF=1.2dB typ (f=1GHz)
- High cut-off frequency : $f_T=8$ GHz typ (VCE=5V)
- High gain :Forward Transfer Gain=12dB typ (f=1GHz)
- Halogen free compliance

Part Electrical Specifications

Product	Compliance	Status	Polarity	I_C Continuous (A)	$V_{CE0(5V)}$ 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
MCH3007-TL-H	Pb-free Halide free	Active	NPN	0.03	12	60	150	0.35	6000	1.2	12	SC-70FL / MCPH-3

For more information please contact your local sales support at www.onsemi.com.

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