



Product Overview

2SC5490A: RF Transistor, 10V, 30mA, fT=8GHz, NPN Single SSFP

For complete documentation, see the data sheet

Product Description

2SC5490A is RF Transistor, 10V, 30mA, fT=8GHz, NPN Single SSFP for UHF to S-Band Low-Noise Amplifier Applications.

Features

- Low-noise : NF=0.9dB typ (f=1GHz)
: NF=1.4dB typ (f=1.5GHz)
- Low-voltage, low-current operation
fT(VCE=1V,IC=1mA)=3.5GHz typ
- High gain : Forward Transfer Gain=10dB typ (f=1.5GHz)
- Ultrasmall,slim flat-lead package (1.4mm x 0.8mm x 0.6mm)
- Halogen free compliance
- High cut-off frequency : fT=8GHz typ

Part Electrical Specifications

Product	Compliance	Status	Polarity	IC Continuous (A)	V(BR)CEO Min (V)	hFE Min	hFE Max	fT Min (MHz)	PTM Max (W)	Package Type
2SC5490A-TL-H	Pb-free Halide free	Active	NPN	0.03	10	90	200	5000	0.1	SOT-623 / SSFP

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

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