

ASC2964C

Features: (typical values)

- Low Noise Figure1.0 dB
- Power Out26dBm.
- Gain40dB.

**4-8 GHz
Cascade Amplifier**

Maximum Ratings

- Operating Temperature -20°C to +60°C
- Storage Temperature -20°C to +125°C
- DC Voltage +15 volts
- RF Input Power -10 dBm.
- Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		4	8	GHz.
Gain	40	36		dB.
Gain Flatness	±0.75		±1.0	dB.
Pout @ 1dB Comp	+26	+25		dBm.
Noise Figure	1.0		1.5	dB.
VSWR In/Out	1.8:1		2.0:1	Ratio
Impedance, Input/Output	50 Ohm			
Supply Required	+15/450		+15/500	v/mA.

OUTLINE

