

ASC2852C

380-2000 MHz Cascade Amplifier



Features: (typical values)

- Low Noise Figure0.8 dB
- Power Out12dBm.
- Gain30dB.

Maximum Ratings

Operating Temperature -40°C to +70°C
 Storage Temperature -55°C to +125°C
 DC Voltage +10.0volts
 RF Input Power 30 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		0.38	2.0	GHz.
Gain	30	28		dB.
Gain Flatness +/-0.3dB (any 0.3GHz BW)	±0.25		±0.3	dB.
Isolation		50		dB
Pout @ P1dB	+12	+10		dBm.
Noise Figure	0.8		1.1	dB.
VSWR In/Out	1.6:1		2.0:1	Ratio
Max Input (CW) No damage			1	W
Supply Required	+10/100		+10/110	v/mA.

OUTLINE

