

ASC2853C

**2100-2300 MHz
Cascade Amplifier**



Features: (typical values)

- Low Noise Figure0.8 dB
- Power Out12dBm.
- Gain38dB.

Maximum Ratings

Operating Temperature -20°C to +70°C
 Storage Temperature -55°C to +125°C
 DC Voltage +5.0volts
 RF Input Power -20dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		2.1	2.3	GHz.
Gain	38	35		dB.
Gain Flatness	±0.35		±0.5	dB.
Pout @ P1dB	+12	+10		dBm.
Noise Figure	0.8		1.0	dB.
VSWR In/Out	1.6:1		2.0:1	Ratio
Impedance	50 Ohm		1	W
Supply Required	+5/150		+5/160	v/mA.

OUTLINE

