

ASC2849C

**5000-6000 MHz
Cascade Amplifier**



Features: (typical values)

- Bandwidth5000-6000 MHz.
- Power Out15 dBm.
- Gain32 dB.
- Noise Figure.....1.2 dB.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +15 volts
 RF Input Power30 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		5000	6000	MHz.
Gain	32	30		dB.
Gain Flatness	±0.50		±1.0	dB.
Pout @ 1dB Comp	+15	+10		dBm.
Noise Figure	1.2		1.5	dB.
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+15/150		+15/200	v/mA.
Operating Temperature		0C	50C	Deg
Non-Operating Temperature		-55C	85C	Deg
Impedance In/Out	50 Ohms			

Min. and max. Values are from 0°C to +50°C
 Internal limiting diode requires

