

ASC2858

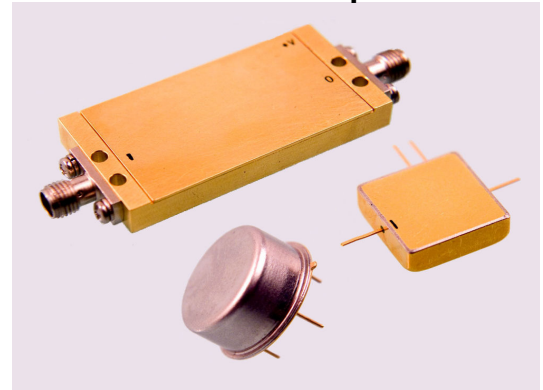
Features: (typical values)

- Output Power12.0 dBm
- Noise Figure 1.9 dB.
- High Gain 24.0 dB.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +8 volts
 RF Input Power +13 dBm.
 Case Temperature +125°C

**5-150 MHz
 Cascadable Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		5	150	MHz.
Gain	24	22.5		dB.
Gain Flatness	±0.6		±1.0	dB. p-p
Gain Var. over temp	0.6			dB.
Pout @ 1dB Comp	+12.0	+10.5		dBm.
Noise Figure	1.9		2.5	dB.
Reverse Isolation	-27		-26	dB.
IP ₃ /IP ₂ (two-tone)*	25/31			dBm.
VSWR In/Out	1.75:1		2.0:1	
Supply Required	+5/20		+5/23	v/mA.

Min. and max. values are from -55°C to +85°C
 *IP3 and IP2 are in band output intercept points

