

SAC1336

Low Noise Amplifier Module 2~4GHz

Rev1.0

Features

- Frequency: 2~4 GHz
- Gain: 26dB
- Noise Figure: 1.8 dB Typ
- Supply Voltage: 12V~16V
- Supply Current: 100 mA

Typical Applications

- Radar and ECM
- RF/ Microwave Radio
- Military and Space
- Test and Measurement
- Fiber Optics

General Description

SAC1336 is a Low Noise amplifier manufactured using microwave hybrid integration technology. The operating frequency from 2 to 4 GHz with 26 dB of gain and 5 dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	2~4			GHz
Gain	22	—	26	dB
Gain Flatness	—	—	±1.5	dB
Input VSWR	—	—	1.56	:1
Output VSWR	—	—	1.36	:1
Noise Figure	—	1.8	2.2	dB
Output Power for 1 dB Compression (OP _{-1dB})	5	—	—	dBm
Supply Voltage	12	—	16	V
Supply Current (I _b)	—	—	100	mA

Mechanical Outline

All dimensions are in millimeters

