

SAC1224

Low Noise Amplifier Module 0.02~6GHz

Features

- Frequency: 0.02~6 GHz
- Gain: 25dB
- Noise Figure: 1dB Typ
- Supply Voltage: +8V~+15V
- Supply Current: 150mA

Typical Applications

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

General Description

SAC1224 is a low noise amplifier manufactured using microwave hybrid integration technology. The operating frequency from 0.02 to 6 GHz with 25 dB of gain and 17dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.02~6			GHz
Gain	15	—	25	dB
Input VSWR	—	—	2	:1
Output VSWR	—	—	2	:1
Noise Figure	—	1	1.75	dB
Output Power for 1 dB Compression (OP _{-1dB})	17	—	—	dBm
Supply Voltage	8	—	15	V
Supply Current (I _b)	—	150	—	mA

Mechanical Outline

All dimensions are in millimeters

