

Features

- Frequency: 34~36GHz
- Gain: 24dB
- OP_{-1dB}: 40dBm
- Supply Voltage: +6.3V

Typical Applications

- Microwave Point to Point Communications
- VSAT
- 5G Communications

General Description

SAC1123 is a Power amplifier module with a typical small signal gain of 24 dB and a nominal OP_{-1dB} of +40dBm across the frequency range of 34 to 36 GHz.

Picture



Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	34~36			GHz
Gain	20	24	29	dB
Output Power for 1 dB Compression (OP _{-1dB})	39	40	—	dBm
Input Return Loss	—	-13	-10	dB
Output Return Loss	—	-13	-10	dB
Maximum Input Power	—	—	17	dBm
Supply Voltage(V)	6	6.3	6.5	V
Supply Current(A)	—	11	14	A

Mechanical Specifications

Parameter	
Input/Output	WR28/WR28
Bias	Feed thru capacitor
Case Material	7050 Aluminum alloy
Finish	Silver plated
Weight	220g