

SAC1296

Driver Amplifier Module 13.2~16.0GHz

Rev1.0

Features

- Frequency: 13.2~16.0 GHz
- Gain: 25dB
- Noise Figure: 1.5dB
- Gain Flatness: ± 1 dB
- Supply Voltage: +15V
- Supply Current: 200mA
- Size: 52.9mm×32.0mm×10.0mm

Typical Applications

- Microwave radio
- Telecommunication
- Test instrumentation

General Description

SAC1296 is a driver amplifier module with a typical small signal gain of 25 dB and OP₋₁dB of 22 dBm across the frequency range of 13.2 to 16.0 GHz

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	13.2~16.0			GHz
Gain	15	—	25	dB
Input VSWR	—	—	2	:1
Output VSWR	—	—	2	:1
Noise Figure	—	1.5	3.0	dB
Output Power for 1 dB Compression (OP ₋₁ dB)	22	—	—	dBm
Supply Voltage	—	15	—	V
Supply Current (I _b)	—	200	280	mA

Mechanical Outline

All dimensions are in millimeters

