

# Low Noise Amplifier

## ADLNA5000M5050M30SF

### Revision record

Date	Version	Author	Revision description	Comment
2024/10/31	V1.0	Vivian	Created	/

### Electrical specification

Parameter	Specification			
	Min	Typ	Max	Units
Frequency Range	5000	~	5050	MHz
Small Signal Gain	30	32		dB
Gain Flatness			±0.4	dB
Output Power P1dB	10			dBm
Noise figure		0.5	0.6	dB
VSWR in			2.0	
VSWR out			2.0	
Voltage	+8	+12	+15	V
Current		90		mA
Operating Temperature	-40°C to +70°C			
Storage Temperature	-55°C to +100°C			
Input Power(no damage ,dBm)	10CW			
Impedance	50Ω			

### Mechanical specification

Parameter	Specification
Dimension	L x W x H: 35mm×40mm×12mm (not including connectors)
Connector type	2-SMA Female
Notes	Material shall be RoHS 6/6

## Outline

