

Low Noise Amplifier

ADLNA1250M1300M25SF

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	1250	~	1300	MHz
Small Signal Gain	25	27		dB
Gain Flatness			±0.35	dB
Output Power P1dB	10			dBm
Noise figure			0.5	dB
VSWR in			2.0	
VSWR out			2.0	
Voltage	4.5	5	5.5	V
Current @ 5V		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: 18.8mm×30mm×11.7mm (not including connectors)
Connector type	2-SMA Female
Notes	Material shall be RoHS 6/6

Outline

