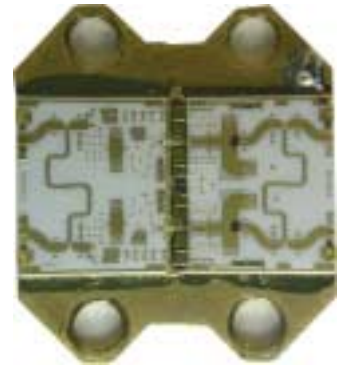


3.1 - 3.5 GHz LNA Module

FEATURES

- P₁ dB: 6 dBm
- Small Signal Gain: 14 dB
- Noise Figure: 1.0 dB
- Bias Condition: 36 mA @ 8 V



ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	3.1		3.5	GHz
SSG	Small Signal Gain	12	14		dB
GOF	SSG Flatness		± 0.3	± 0.5	dB
P₁ dB	Output Power at 1 dB Gain Compression		6		dBm
NF	Noise Figure		1.0	1.2	dB
VSWR, IN	Input VSWR		1.5:1	1.7:1	-
VSWR, OUT	Output VSWR		1.5:1	1.7:1	-
VDC	Supply Voltage		8		Volt
IDC	Current Supply		36	40	mA

CARRIER: S33 / Z33