

HEMT SUPER WIDEBAND MODULE LNA

By AD6IW

V/U MODULE 0.05- 3 GHz

L/S MODULE 1-6 GHz

High IP >30dBm

High Gain 22dB @ 1296MHz

Super low Noise 0.4 dB at 1296MHz

0.6dB at 2304MHz

Supply Voltage 6-15V, 65mA

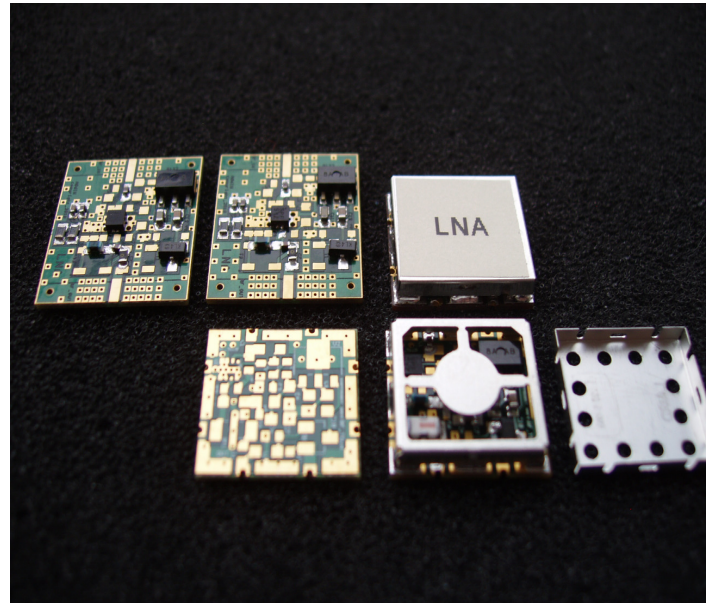
Built in options:

Bias TEE, 7 pole LP or HP filter

Unconditional stable, IRL <10dB

Ideal as single or multiband LNA or

Front End where low noise, high gain and high resistance to interference is needed.



Applications:

Weak signal UHF/VHF/SHF

Satellite communications

EME

Software defined radio-Funcube

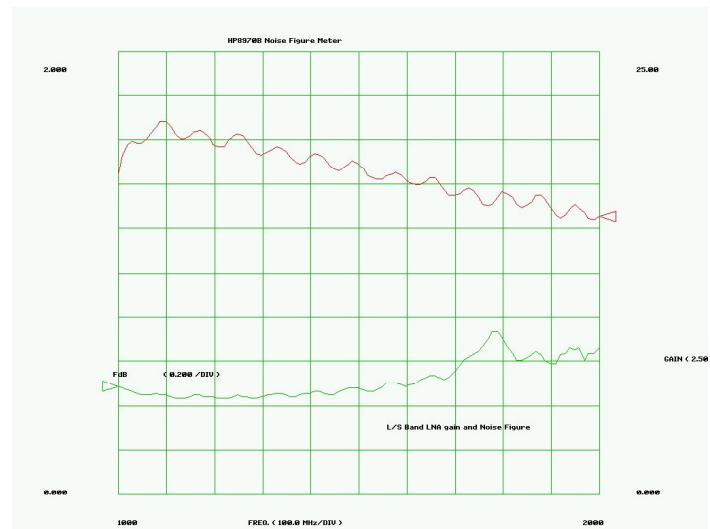
Test equipment

Spectrum analyzer preamplifiers

EMC testing

Replacement for obsolete LNA's

Radio and transverter front ends



L/S MODULE Gain/NF plot

22.9 dB at 1296MHz

18.5 dB at 2304MHz

12dB at 5760MHz

MODULE Dimensions and

Pin out

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