

NIQ for Microwave IC's (re-advertised)

1. Packaged Microwave IC's for SMT circuits are required with the following specifications:

Requirement	quantity
8-12 GHz LNA, NF < 2dB	20
8-12 GHz mixer conv loss < 10dB	40
Medium power amp, P1db >= 20dBm, gain > 15dB	20
8-12GHz VCO	20
PLL including VCO upto 6 GHz for frequency synthesis (step<1MHz)	20
Active frequency doubler with output covering at least 8-18GHz	20
Amplifier for 0.1-8GHz with G > 13dB and P1db > 13 dBm	100
0.8-1.8 GHz mixer conv loss < 10 dB	50
2-18 GHz mixer conv loss < 12 dB	20
0.1 - 18 GHz SPDT switch, ins. Loss < 2dB	20
0.1-18 GHz LNA, NF < 3dB	50
0.1-18 GHz amplifier, G > 13dB, P1dB > 26dBm	20

General Terms and conditions:

1. Vendors are requested to send their quotes (technical specs and prices in separate sealed envelopes, both placed in a sealed envelope) to the office of Dr A.Basu, Rm. III-323, C.A.R.E., I.I.T. Delhi-110016, before 5 pm, Jan 9, 2013.
2. Please ensure that the technical bid includes terms of payment (but NOT prices). Payment after delivery is preferred, but L/C can be arranged.
4. Agents (including Indian branches of foreign manufacturer) have to include **currently valid** 'authorized agent' certificate from original manufacturer.
5. Quote should be valid for at least 90 days.
6. I.I.T.Delhi reserves the right to accept or reject any/all of the quotations.