

## High Linearity, Internally Matched SMD-type IF&TETRA-LNA



Last update: July. 14, 2009

Class	Appl.	Part No.	Vs (V)	Ic (mA)	Freq. Range		Gain (dB)	GF (+/-)	NF (dB)	OIP3 (dBm)	S11 (dB)	S22 (dB)	P1dB (dBm)	PKG Size (mm)
					(MHz)	(MHz)								
1-stage		ALN0140WT	5	73	125	155	25	0.2	0.7	31	-12	-18	21	10x10x3.8
	T-DMB	ALN0195AT	5	65	180	210	21	0.5	1	32	-20	-15	18	10x10x3.8
	T-DMB	ALN0196AT	5	70	180	210	23	0.5	1	32	-14	-14	18	10x10x3.8
		ALN0450AT	5	70	400	500	20	0.5	1.1	32	-14	-14	17	10x10x3.8
		ALN0450WT	5	35	400	500	19	0.4	1.1	29	-16	-14	22	10x10x3.8
		ALN0460WT	5	65	450	470	22	0.1	0.75	35	-17	-14	21	10x10x3.8
		ALN0675WT	5	40	450	900	17	1.5	1.1	30	-15	-13	21	10x10x3.8
2-stage		ALN0098	5	160	88	108	35	0.2	1.3	37	-16	-14	21	13x13x3.8
		ALN0207	5	160	200	215	35	0.2	0.8	37	-20	-20	21	13x13x3.8
	T-DMB	ALN0223	5	160	215	231	35	0.2	0.8	37	-20	-20	21	13x13x3.8
		ALN0450	5	160	400	500	36	0.6	0.65	40	-18	-18	21	13x13x3.8
		ALN0460	5	160	450	470	35	0.1	0.75	38	-18	-18	22	13x13x3.8