

High Linearity, Internally Matched SMD-type WiMAX-LNA



Last update: July. 14 , 2009

Class	Appl.	Part No.	Vs (V)	Ic (mA)	Freq. Range (MHz)	Gain (dB)	GF (+/-)	NF (dB)	OIP3 (dBm)	S11 (dB)	S22 (dB)	P1dB (dBm)	PKG Size (mm)
	WiBro/WiMax	ALN2500AT	5	80	2300 2700	12.2	0.75	0.75	34	-19	-9	19	10x10x3.8
	WiBro/WiMax(Switching)	ALN2501AT	5	80	2300 2700	12.2	0.75	0.75	34	-19	-9	19	10x10x3.8
	WiBro/WiMax(Switching)	ALN2502AT	5	40	2300 2700	12.2	0.7	0.6	31	-16	-9	17.5	10x10x3.8
	WiBro/WiMax(Switching)	ALN2503AT	5	40	2300 2700	13.5	0.7	0.7	32	-11	-8	17	10x10x3.8
	WiBro/WiMax(Switching)	ALN2504AT	5	60	2300 2700	14	0.6	0.8	32	-12	-10	18	10x10x3.8
	WiBro/WiMax(Switching)	ALN2505AT	5	65	2300 2700	13.5	0.7	0.65	35	-12	-10	18	10x10x3.8
	WiMax(Switching)	ALN2575T1	3	60	2560 2590	24	0.2	0.8	31	-18	-10	15	10x10x3.8
	WiMax	ALN2590T2	5	70	2490 2690	23	0.3	0.8	32	-18	-15	15	10x10x3.8
	WiMax(Switching)	ALN2592	5	120	2578 2607	25	0.5	0.95	32.5	-17	-11	20	13x13x3.8
	WiMax	ALN3300	5	100	3050 3500	20	1.3	0.95	34	-18	-10	21	13x13x3.8
		ALN3500	5	160	3400 3600	19	0.2	1.1	36	-10	-9	20	13x13x3.8
		ALN3501	5	160	3400 3600	19	0.2	1.15	36	-17	-8	20	13x13x3.8
		ALN3800T2	5	100	3400 4200	12	1.0	1.5	30	-11	-8	18	10x10x3.8