

## High Linearity, Internally Matched SMD-type LNA



Last update: August. 12, 2010

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									
2-Stage	CDMA	ALE0859T2	5	200	824	894	37	0.5	0.6	42	-18	-10	23	10x10x3.8
	CDMA	ALE0859T3	5	200	824	894	34	0.5	0.6	40	-20	-18	21	10x10x3.8
	GSM	ALE0925T2	5	200	890	960	35	0.5	0.65	42	-22	-10	23	10x10x3.8
		ALE1500T2	5	200	1400	1600	28	0.9	0.6	42	-18	-10	23	10x10x3.8
	PCS	ALE1810T2	5	200	1750	1870	28	0.5	0.75	42	-18	-16	24	10x10x3.8
	WCDMA	ALE2045T2	5	200	1920	2170	26	0.8	0.8	42	-15	-15	24	10x10x3.8
	WCDMA	ALE2045T3	5	200	1920	2170	25	0.7	0.7	39.5	-18	-10	21	10x10x3.8
	WiBro	ALE2350T2	5	200	2300	2400	24.5	0.3	0.75	42	-18	-15	24	10x10x3.8
	WiBro	ALE2500T2	5	200	2300	2700	24	0.9	0.85	42	-15	-13	24	10x10x3.8
		ALE3025T2	5	200	2900	3150	19.5	0.4	1.05	42	-17	-13	23	10x10x3.8
		ALE3275T2	5	200	3150	3400	19	0.4	1.05	42	-17	-15	23	10x10x3.8
		ALE3276T2	5	200	3050	3500	19	0.7	1.2	36	-12	-12	23	10x10x3.8
		ALE3500T2	5	200	3400	3600	18	0.3	1.2	42	-16	-12	23	10x10x3.8
		ALE3700T2	5	200	3600	3800	17	0.2	1.3	42	-16	-12	23	10x10x3.8