

LNA MMICs for GPS



Last update : 2009. 11. 27.

Parts	Vd (V)	Id (mA)	G (dB)	NF (dB)	S11 (dB)	S22 (dB)	OP1dB (dBm)	OIP3 (dBm)	IIP3 (dBm)	Power On/OFF	Remark	Off-chip Components	Package
AST163	3	3.7	13.5	1.1	-10	-10	10.0	16	2.5				
	3	6	14.0	0.95	-12	-14	10.0	18	4.0		with strip line	9	SOT363
	2.8	9.5	15.5	0.9	-10	-11	10.0	24	8.5				
	2.8	9.5	14.2	1.3	-10	-10	10.0	21.2	7		w/o strip line		
ASL563	3	7.7	25.0	1.1	-14	-12	10.0	16.0	-9.0		Type 1	17	
	3	7.7	25.0	1.1	-15	-15	10.0	19.0	-6.0				SOT363
	3	28	30.0	0.8	-18	-18	10.5	25.5	-4.5		Type 2	18	
	3	7.7	25.0	1.1	-15	-15	10.0	19.0	-6.0				
ASL336	2.9	7.5	13.5	1.0	-11	-13	18.0	20.0	6.5				
	2.8	6.2	13.2	1.05	-11.0	-11.5	17.8	18.2	5.0			6	SOT363
	2.7	4.6	13.0	1.10	-10.5	-10.5	17.5	16.0	3.0				
ASL226	3	8.5	28.0	1.1	-16	-15	11.0	15.5	-12.5			4	
	5	18	30.5	1.0	-11	-14	11.0	20.0	-10.5			4	
	2.2	5.5	23.5	1.2	-14	-12	9.0	11.0	-12.5			4	
	3	8.5	27.5	1.2	-9	-15	11.0	16.0	-11.5		ESD 3 KV	5	SOT363
	2.85	4	20.0	1.6	-8	-9	-5.0	5.5	-14.5			4	
	3	8.5	26.5	1.1	-18	-18	11.0	14.5	-12.0			5	
ASL19W	3.3	20	14.0	1.1	-14	-14	17.0	27.5	13.5			11	SOT89