

MMICs for WiBro/WLAN

Last update: 2009. 8. 24.

(if otherwise not specified, the data @ 2400 MHz)

Parts	Vd (V)	Id (mA)	S21 (dB)	OIP3 (dBm)	OP1dB (dBm)	NF (dB)	Package
ASW114	3.1	25	16	19.0	12.0	3.1	SOT363
	3.2	37	16	26.5	13.5	3.3	
	3.3	53	16	29.0	14.5	3.4	
ASX101	3.3	40	13	30.0	17.0	3.5	SOT89
ASW101	3.3	40	9.5	31.0	18.0	4.5	SOT89
ASW103	3.3	44	9	31.0	19.0	4.2	SOT89
ASW222	4	47	21	24.0	15.0	2.6	DFN6
	4.5	65	23	28.0	17.0	2.6	
ASW235	4.3	36	18	28.5	16.0	3.6	SOT363
	4.65	46	18.5	30.0	17.0	3.7	
ASW205	4.6	42	19.5	29.5	17.5	3.4	SOT89
	4.75	52	19.6	30.0	18.0	3.5	
	4.9	63	19.8	31.0	18.5	3.6	
	5	70	20.0	31.5	18.5	3.6	
ASW214	4.45	36	16.5	28.0	15.0	5.1	SOT89
	4.65	44	16.8	30.0	15.5	5.4	
	4.86	52	17.0	32.0	16.0	5.6	
	5	61	17.0	33.0	18.0	5.7	
ASX201	4.2	38	14	28.0	16.0	2.7	SOT89
	4.5	51	14	32.0	18.0	2.9	
	4.8	66	14	36.0	22.0	3.3	
ASW212	3.9	38	11.5	26	12	5.2	SOT89
	4.2	50	12.0	31	15	5.2	
	4.5	60	12.0	32	17	5.4	
	4.8	73	12.0	33	18	5.5	
ASW215	4.4	37	11.5	26	14	3.9	SOT89
	4.55	52	11.5	32	17	4.1	
	4.7	69	11.5	33	18	4.3	
	4.9	83	11.5	34	19	4.3	

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ASW234	4.7	35	15.7	23.0	20.0	1.8	SOT363
	5	55	16.2	31.0	21.0	1.8	
ASW204	4.8	43	17.0	31.0	20.0	1.7	SOT89
	5	55	17.3	32.5	20.5	1.75	
	5.3	75	17.5	33.5	21.0	1.8	
ASW216	3.2	35	10	27	15	2.3	SOT89
	3.75	49	10.2	32	17	2.4	
	4.2	66	10.5	35	15.5	2.4	
	4.5	80	10.5	38	19.5	2.4	
ASW301	5	75	8.0	41.0	22.5	7.3	SOT89
ASW311	5	120	11.0	41.0	21	2.4	SOT89
ASW313	5	92	13	38	19	3.9	SOT89
ASW335	5	100	16	38	21	3.0	SOT89
ASW318	8	120	14	39	26	4.2	SOT89
ASW338	8	120	16	42	22	2.8	SOT89
ASX415	4.75	123	12	36	29	4.5	SOT89
	5	155	12	37	29.0	4.9	
ASX401	4.4	190	11	41	28.0	4.2	SOT89
	4.8	260	11	44	28.5	4.2	
	5	290	11	46	29.5	4.2	
ASX420	5	370	17.5	46	29.0	7.3	SOIC8
ASX423	5	400	20.0	45	29.5	2.9	SOIC8
ASL425	5	350	21.5	46	29.5	1.5	SOIC8
ASX521	4.3	510	18.5	44	30	5.1	SOIC8
	4.7	650	18.5	45	31.5	5.1	
	5	870	18.5	48	31.5	5.1	
ASX621	4.6	930	13	46	32.0	6.8	SOIC8
	5	1150	13	48	33.0	7.0	
AST11L	3	25	12.5	27	14.0	1.4	SOT363
	3	10	17.0	17	11.0	1.3	

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Parts	Vd (V)	Id (mA)	S21 (dB)	OIP3 (dBm)	OP1dB (dBm)	NF (dB)	Package
ASL563	3	16	19.0	15	11.0	1.1	SOT363
	3	20	19.0	22	12.0	1.1	
	5	50	22.0	31	15.0	1.1	
AST163	5	35	13.0	28.0	16.5	1.00	SOT363
AST20S	5	48	13.0	33.0	18.5	0.90	SOT363
AST30S	5	135	12.0	37.0	22.0	2.0	DFN6
ASL425	5	350	21.5	46.0	29.5	1.5	SOIC8
ASL226	3	8.5	21.5	14	11	1.3	SOT363
	5	18	24	20	11	1.0	
ASL336	3	8	9.7	22.7	19	1.4	SOT363
ASL19D	3	90	21.5	36.5	19.0	1.1	DFN6
ASW234	4.7	35	15.7	23.0	20.0	1.8	SOT363
	5	55	16.2	31.0	21.0	1.8	
ASW204	4.8	43	17.0	31.0	20.0	1.7	SOT89
	5	55	17.3	32.5	20.5	1.75	
	5.3	75	17.5	33.5	21.0	1.8	
ASL03H	4.3	36	13	32.0	17.5		SOT363
ASL19H	4.4	73	12.3	36.0	20.5	1.1	SOT89
ASL19W	4.4	73	11.5	37.5	22.0	1.1	SOT89
ASL13W	4.4	60	11.5	37.5	22.0	1.1	SOT363
ASL29W	5	75	11.5	40.0	23.0	1.1	SOT89