

MMICs for WCDMA

Last update: 2009. 12. 28.

(if otherwise not specified, the data @ 2000 MHz)

Parts	Vd (V)	Id (mA)	S21 (dB)	OIP3 (dBm)	OP1dB (dBm)	NF (dB)	Package
ASW114	3.1	25	16.4	18.5	11.5	3.1	SOT363
	3.2	37	17	26	13	3.3	
	3.3	53	17	29	14.5	3.3	
ASX101	2.7	38	16	29	17	3.2	SOT89
ASW101	3.3	40	11	31	18	4.0	SOT89
ASW103	3.3	44	11	31	18	3.9	SOT89
ASW222	4	47	24.5	24.6	14.4	2.5	DFN6
	4.5	65	26.8	28.0	17.2	2.5	
ASW235	4.3	36	19	28.0	16.0	3.4	SOT363
	4.65	46	19.5	30.5	18.0	3.5	
ASW205	4.6	42	20.4	28.4	17.6	3.19	SOT89
	4.75	52	20.6	30.8	18.6	3.24	
	4.9	63	20.7	32.6	19.4	3.6	
	5	70	20.7	32.5	19.5	3.6	
ASW214	4.45	36	17.4	24.7	13.0	5.1	SOT89
	4.65	44	17.7	28.0	15.4	5.4	
	4.86	52	17.8	32.0	16.0	5.7	
	5	61	18.2	33.0	18.0	5.5	
ASX201	4.2	38	16	27.5	16.0	2.3	SOT89
	4.5	51	16	31.0	18.5	2.6	
	4.8	66	16	34.5	21.0	3.3	
ASW212	3.9	38	12.0	22	11	5.0	SOT89
	4.2	50	12.5	29	15	5.0	
	4.5	60	12.5	32	17	5.1	
	4.8	73	12.5	34	18	5.5	
ASW215	4.4	37	12	22	11	3.6	SOT89
	4.55	52	12	30	16	3.8	
	4.7	69	12	33	18	4.0	
	4.9	83	12	35	19	4.3	

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ASW234	4.7	35	16.2	29.0	21.0	1.8	SOT363
	5	55	16.8	31.0	22.0	1.8	
ASW204	4.8	43	17.8	31.1	21.5	1.7	SOT89
	5	55	18.0	32.5	21.0	1.75	
	5.3	75	18.3	34.0	22.5	1.8	
ASW216	3.2	35	11.1	27.5	15.1	2.2	SOT89
	3.75	49	11.4	32	17.3	2.4	
	4.2	66	11.8	36	19	2.4	
	4.5	80	11.8	38	20	2.4	
ASW208	4.8	80	19	35	22	1.7	SOT89
ASG305	6	65	12.5	43	21	3.0	SOT89
ASG330	5	75	11	43	20	3.8	SOT89
ASG307	5	185	11	40	25	4.1	SOT89
ASW301	5	75	10	40.5	22	7.0	SOT89
ASW311	5	120	12	41.0	21	2.4	SOT89
ASW313	5	70	14.5	36	22.0	3.0	SOT89
	5	80	14.5	38	22.5	3.1	
	5	95	14.5	41	22.0	3.2	
ASW335	5	70	15.5	36	21.0	2.3	SOT89
	5	80	15.5	38	21.0	2.2	
	5	90	16.0	40	21.5	2.2	
	5	100	16.0	41.5	21.5	2.1	
ASG307	5	185	11	40	25	4.1	SOT89
ASW350	5	140	10	41	25	5.0	SOT89
ASW318	6	78	15.0	34.0	23	3.0	SOT89
	7	100	15.0	39.0	25	3.3	
	6	100	15.0	43.0	23	3.3	
	8	120	15.0	45.5	26	3.2	
ASW338	6	74	16.5	37	21.5	2.0	SOT89
	7	97	16.5	42	24.0	2.0	
	6	100	16.5	43	24.0	2.1	
	8	120	16.5	45	25.0	2.2	

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Parts	Vd (V)	Id (mA)	S21 (dB)	OIP3 (dBm)	OP1dB (dBm)	NF (dB)	Package
ASW314	5	105	14.5	44	23.0	3.0	SOT89
ASW316	5	110	16.5	39	20.5	2.1	SOT89
ASX415	4.75	123	14.0	40	26.5	4.1	SOT89
	5	155	14.3	42	27.0	4.6	
ASX413	5.3	185	14.5	46	29.0	5.6	SOT89
	5.3	140	15.5	44	28.0	4.6	
ASX401	4.4	190	13	41	28.5	4.2	SOT89
	4.8	260	13	44	28.5	4.2	
	4.9	277	13	46	29.5	4.2	
	5	290	13	46	29.5	4.2	
ASX420	5	370	21.5~20.5	46	30.0	7.0	SOIC8
ASX423	4.4	275	23.5	42	28.8	2.7	SOIC8
	5	400	23.5	47	30.0	2.7	
ASL425	5	350	24.0	47	29.5	1.4	SOIC8
ASX501	4.7	457	11.5	44	29	4.7	SOT89
	5	560	11.5	46	29	4.7	
ASX520	4.7	440	-	-	-	7.0	SOIC8
	5	650	-	-	-	7.0	
ASX521	4.3	510	19	44	30	5.0	SOIC8
	4.7	650	19	45	31.5	5.0	
	5	870	19	48	31.5	5.0	
ASX601	4.7	710	9.5	43	31	5.8	SOT89
	4.8	750	9.5	45	31	5.8	
	5	850	9.5	47	31	5.8	
ASX620	4.8	750	-	-	-	6.7	SOIC8
	5	950	-	-	-	6.7	
ASX621	4.6	930	18	47	31.5	5.5	SOIC8
	5	1150	18	50	32.5	5.6	
ASX602	5	580	10.5	48	32.0	5.2	SOIC8
	5	580	10.0	43	33.0	5.0	
AST11L	4.3	20	14	28	13.0	1.3	SOT363
	3	25	13	27	14.0	1.3	

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Parts	Vd (V)	Id (mA)	S21 (dB)	OIP3 (dBm)	OP1dB (dBm)	NF (dB)	Package
ASL563	3	10		17	11.0		SOT363
	3	16		15	11.0		
	3	20		22	12.0		
	5	50	26.0	29	15.0	1.0	
AST163	5	25	16.0	29.0	16.0	0.65	SOT363
AST20S	5	10		19.0	4.0		SOT363
	5	48	13.8	34.0	19.0	0.6	
AST30S	5	135	15.5	37.0	22.0	1.9	DFN6(2x3)
ASL425	5	350	24.0	47.0	29.5	1.4	SOIC8
ASL226	3	8.5	25	16.5	10.5	1.3	SOT363
	5	18	28	23	14	1.05	
ASL19D	3	90	24.5	36.0	19.0	0.95	DFN6
ASW234	4.7	35	16.2	30.0	21.0	1.8	SOT363
	5	55	16.8	31.0	22.0	1.8	
ASW204	4.8	43	17.8	31.0	21.5	1.7	SOT89
	5	55	18	32.5	21.0	1.75	
	5.3	75	18.3	34.0	22.5	1.80	
ASL03H	4.3	36	14	32.0	17.5	0.9	SOT363
ASL19H	4.4	73	14.5	36.0	22.0	1.05	SOT89
ASL19W	4.4	73	13	37.0	22.0	0.9	SOT89
ASL13W	4.4	60	13	38.0	22.0	0.9	SOT363
ASL29W	5	75	13	39.5	22.0	0.9	SOT89