

## Amplifier MMICs for IF & TETRA band (5~500 MHz)



Last update : 2009. 12. 29.

(If otherwise not specified, the data @ 150 MHz)

Parts	Vd (V)	Id (mA)	S21 (dB) @ MHz				OIP3 (dBm) @ MHz				OP1dB (dBm)	NF (dB)	S11 (dB)	S22 (dB)	Package	Matching Circuit Frequency
			70	150	300	450	70	150	300	450						
ASX101	3.5	55	28.5	28.5	25.0		28	28	29		17.5	3.5	-14	-15	SOT89	70 ~ 140 MHz (Data @ 100 MHz)
ASW101	3.3	40	25.0	24.5	23.5	21.5	28	29	30	30	17	3.8	-15	-13	SOT89	5 ~ 450 MHz
ASW103	3.3	44	25.0	24.0	23.0	21.0	29	30	31	31	17	3.8	-14	-15	SOT89	5 ~ 450 MHz
ASW114	3.2	37	21.0	21.0	21.0	20.5	22.5	22.5	23.0	23.5	12	3.2	-18	-16	SOT363	70 ~ 450 MHz
ASX201	5	66				21.0				35.0	20.5	5.5			SOT89	450 MHz
ASW212	4.8	73	17.0	17.0	16.0	15.5	36	37	37	37	19	4.8	-18	-10	SOT89	70 ~ 450 MHz
ASW214	4.9	52	20.0	20.0	20.0	19.5	30	30	30	30	16	5.5	-13	-11	SOT89	70 ~ 450 MHz
ASW215	4.9	83	18.5				37				19	3.4	-16	-14	SOT89	5 ~ 40 MHz (Data @ 40 MHz)
	4.9	83	18.5	18.5	18.0	17.5	38	38	38	38	19	3.5	-15	-14	SOT89	70 ~ 450 MHz
ASW234	5	45	21.0	20.0	19.5		27	28	29		21.5	2.2	-8	-16	SOT363	50 ~ 450 MHz
ASW204	4.6	55	22.5	21.0	20.0		29.5	29.5	31		21.5	1.6	-8	-15	SOT89	50 ~ 450 MHz
ASW235	4.65	46	24.0	24.0	24.0	24.0	27	28	29		15	3.3	-12	-8	SOT363	50 ~ 450 MHz
ASW205	4.9	72	25.8	25.7	25.4		32	33.5	34.5		18.5	3.3	-17	-10	SOT89	50 ~ 450 MHz
ASL03H	4.3	36				22.5				30	16.5	1.25	-18	-15	SOT363	400 ~ 500 MHz (Data @ 450 MHz)
ASL13W	4.5	60	24.5	24.0	22.0	21.0	30	30.5	32	32	21	2.7	-13	-18	SOT363	50 ~ 450 MHz
ASL19H	4.4	73	26.3	25.5			31.5	33			22	2.1	-10	-18	SOT89	70 ~ 140 MHz (Data @ 100 MHz)
ASL19W	4.4	73	24.5	24.0	22.5	23.5	32	32.5	34	32	21	2.9	-13	-18	SOT89	30 ~ 450 MHz
ASL29W	4.3	75	25.0	24.0	22.5		31	32	33		21.5	3.0	-11	-18	SOT89	30 ~ 400 MHz
ASW301	4.8	75	25.0	24.0	23.0	21.0	35.5	36	37	37	22	6.8	-14	-15	SOT89	70 ~ 450 MHz
ASW350	4.8	150	24.5	24.3	23.0		41	41	40	40	24	8.0	-11	-16	SOT89	80 ~ 120 MHz
ASW313	5	95	17.0	17.0	16.5	16	42	42	43	43	22	1.8	-10	-10	SOT89	80 ~ 300 MHz (Data @ 100 MHz)
ASW314	5	105	16.7	16.2	16	15.9	41	39	40	42	22	1.7	-13	-13	SOT89	80 ~ 450 MHz
ASW318	8	120	17.5	17.5	17.0	16.5	44	44	41	41	26	1.8	-9	-11	SOT89	80 ~ 300 MHz (Data @ 100 MHz)
ASW311	5	120		14.5	13.5	13.5		40	40	40	21	3.2	-12	-13	SOT89	150 ~ 450 MHz
ASW335	5	100	18.8		18.5	18	45		43	43	22	1.6	-14	-18	SOT89	100 ~ 240 MHz (Data @ 100 MHz)
ASW338	8	120	19.0		18.5	18	48		45	45	26	1.7	-14	-15	SOT89	100 ~ 240 MHz (Data @ 100 MHz)

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ASW350	5	150	23.5	23.5	22.0		41	41	40		23.5	8.0	-11	-16	SOT89	80 ~ 250 MHz (Data @ 120 MHz)	
ASX401	5	290				22					45	30.5	5.5	-15	-16	SOT89	440 ~ 460 MHz (Data @ 450 MHz)
ASX423	5	400				36.5					40	29.5	3.4	-11	-6	SOIC8	380 ~ 500 MHz (Data @ 440 MHz)
ASL425	5	350				40.5					45	29.5	2.0	-14	-6	SOIC8	380 ~ 500 MHz (Data @ 440 MHz)
	5	350				42					45	30	0.8	-9	-5	SOIC8	420 ~ 460 MHz (Data @ 440 MHz)
ASX501	5	560				20					45	31.5	6.2	-11	-12	SOT89	450 ~ 470 MHz (Data @ 460 MHz)
ASX601	5	850				19.5					47	34	6.8	-13	-18	SOT89	440 ~ 460 MHz (Data @ 450 MHz)
ASF240	5.05	115	27.0	27	26.5	26	42	41.5	39	35.5	20.5	2.1	-13	-12	SOT89	50 ~ 500 MHz	
ASL033	3.3	10				20					17.5	18.5	1.8	-13	-8	SOT363	380 ~ 430 MHz
	3.6	14				21.5					21	18	1.6	-14	-11	SOT363	380 ~ 430 MHz