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General Purpose Amplifiers

Part	Description	Frequency (GHz)	Vcc (Volts)	Icc (mA)	Isolation (dB)	Gain (dB)	NF (dB)	P1dB (dBm)	Package	Page
RF2043	General Purpose Amplifier	DC to 6	5 to 6	70	16.5	11	7.6	+18.5	MicroX-CF	4-1
RF2044	General Purpose Amplifier	DC to 6	4.3 to 5.3	65	22	20	4.1	+18.5	MicroX-CF	4-7
RF2045	General Purpose Amplifier	DC to 6	4.6 to 5.6	65	18	14	5.0	+18	MicroX-CF	4-13
RF2046	General Purpose Amplifier	DC to 3	3 to 4	35	23	22	3.8	+12	MicroX-CF	4-19
RF2047	General Purpose Amplifier	DC to 6	3 to 4	40	19	16	4.2	+12	MicroX-CF	4-25
RF2048	General Purpose Amplifier	DC to 8	3 to 4	40	16.5	12	5.3	+12	MicroX-CF	4-31
RF2301	High Isolation Buffer Amplifier	0.3 to 2.5	2.7 to 6	18	50	21	8.0	+4	SOP-8	4-37
RF2302	Broadband Linear Variable Gain Amplifier	0.1 to 2.0	3.0 to 6.0	35		-11 to 14	4	+14	MSOP-8	4-43
RF2303	Broadband Linear Variable Gain Amplifier	0.1 to 2.0	3.0 to 6.0	25	35	-2 to 23	4	+16	MLF16	4-51
RF2304	General Purpose Low-Noise Amplifier	0.3 to 2.5	2.7 to 6.0	5 to 26	18	8	1.8	+6	SOP-8	4-57
RF2306	General Purpose Amplifier	DC to 2	>3.7	20 to 65	20	20	3.5	+12	SOP-8	4-63
RF2307	General Purpose Amplifier	DC to 3	>3.7	20 to 65	18	15	4.0	+14	SOP-8	4-67
RF2308	General Purpose Amplifier	DC to 4	>3.7	20 to 65	15	12	5.0	+13	SOP-8	4-71
RF2310	Wideband General Purpose Amplifier	DC to 2.5	3.5 to 6.0	20 to 65	20	15	5.0	+19	SOP-8	4-75
RF2311	General Purpose Amplifier	DC to 1.6	2.7 to 6.0	8 to 17	20	14	4.0	+8	SOP-8	4-81
RF2314	General Purpose Low Noise Amplifier	0.15 to 2.5	2.7 to 6.0	5 to 25	20	14	1.4	+8	SOT-23-5	4-87
RF2321	3V General Purpose Amplifier	DC to 2.5	2.7 to 3.3	8	36	12	3.7	-7	SOT-23-5	4-91
RF2322	3V General Purpose Amplifier	DC to 2.5	2.7 to 3.3	8	38	19	3.3	-7	SOT-23-5	4-99
RF2323	3V General Purpose Amplifier	DC to 2.5	2.7 to 3.3	7	33	21	2.3	-7	SOT-23-5	4-107
RF2324	PCS CDMA/TDMA 3V PA Driver Amplifier	0.15 to 2.5	2.5 to 6.0	24 to 43	36	22	1.8	+16	MSOP-8	4-115
RF2325	3V General Purpose Amplifier	DC to 2.5	2.7 to 3.3	27	22	16	5.0	+7	SOT-23-5	4-121
RF2326	3V General Purpose Amplifier	DC to 2.5	2.7 to 3.3	25	18	12	5.7	+7	SOT-23-5	4-129
RF2333	General Purpose Amplifier	DC to 6	5 to 6	70	17	10	8.2	+18.5	SOT-23-5	4-137
RF2334	General Purpose Amplifier	DC to 4	>4.8	65	20	16	5	+18.5	SOT-23-5	4-143
RF2335	General Purpose Amplifier	DC to 6	>5.0	65	17	12	5.6	+17	SOT-23-5	4-147
RF2336	General Purpose Amplifier	DC to 3	>3.5	35	21	20	3.8	+11	SOT-23-5	4-151
RF2337	General Purpose Amplifier	DC to 6	>3.6	40	17	15	4.5	+12	SOT-23-5	4-155
RF2338	General Purpose Amplifier	DC to 6	>3.6	40	16	12		+10.5	SOT-23-5	4-159
RF2347	3V Low Noise Amplifier/ 3V PA Driver Amplifier	0.15 to 2.5	2.5 to 6.0	22	26	20.5	1.4	+15.5	MSOP-8	4-163
RF2351	3V PCS CDMA Split Band PA Driver	1.71 to 1.91	3.0 to 6.0	48	30	21	2.5	+16	MLF16	4-171
RF2352	3V CDMA Driver Amplifier	0.8 to 0.9	2.7 to 3.6	15		19.5	2.3		MLF16	4-177
RF2361	3V Low Noise Amplifier/ 3V PA Driver Amplifier	0.15 to 2.5	2.5 to 6.0	22	26	20.5	1.4	+15.5	SOT23-5	4-183
RF2362	PCS CDMA/TDMA 3V PA Driver Amplifier	0.15 to 2.5	2.5 to 6.0	38	32	20.1	2.2	+14.5	SOT23-5	4-193
RF2363	Dual-Band 3V Low Noise Amplifier	800 to 1000/ 1800 to 2000	2.5 to 5.0	5/ 7.5	20/ 30	18/ 21.5	1.3/ 1.4	-10/ -12	SOT23-8	4-199
RF2364	3V PCS Low Noise Amplifier	1.8 to 2.5	2.7 to 3.3	17	27	18	1.7	8.5	SOT23-5	4-209
RF2365	3V Low Noise Amplifier	1.5 to 2.5	3.0	5.0 to 8.0	25	18	1.6		SOT23-5	4-215
RF2371	3V Low Noise Amplifier	0.7 to 2.0	2.7 to 3.6	2.9		17	1.6		SOT23-8	4-221
RF2375	3V DCS Low Noise Amplifier	0.7 to 2.0	2.7 to 3.6	5.3		18	2.5		SOT23-8	4-227
RF2442	High-Linearity Low Noise Amplifier	0.50 to 2.5	2.5 to 5.0	16	24	20	1.5	+13	MSOP-8	4-231
RF2445	3V DCS Low Noise Amplifier	1700 to 2200	2.7 to 3.6	5	7	20	2.2	+2	MSOP-8	4-241
RF2451	3V Low Noise Amplifier	0.70 to 2.0	2.7 to 3.6	2.9		12	1.7	-3	MSOP-8	4-247

