

AdaptiveRF Low Power RF Module Range (Type 1)



GaAs p-HEMT LNAs (LNA1V0)

Product Code	Fo (MHz)	BW (MHz)	F1 (MHz)	F2 (MHz)	P.Gain (dB)	Flatness (+/-dB)	N.F (dB)	P1dB (dBm)	OIP3 (dBm)	S ₁₁ (dB)	S ₂₂ (dB)	Vd (V)	Id (mA)	Pd (mW)	PWR (Max dBm)
LNA1-859-70-19	859	70	824	894	19	0.5	0.5	14	27	-18	-10	6	65	390	25
LNA1-925-70-18	925	70	890	960	18	0.5	0.5	14	27	-18	-10	6	65	390	25
LNA1-859-70-20.5	859	70	824	894	20.5	0.5	0.7	20	31	-17	-8.5	6	100	600	25
LNA1-925-70-20	925	70	890	960	20	0.5	0.7	20	31	17	-8.5	6	100	600	25
LNA1-1500-200-16	1500	200	1400	1600	16	0.5	0.7	15	27	-18	-10	6	45	270	25
LNA1-1500-200-17	1500	200	1400	1600	17	0.5	0.6	21	33	-17	-10	6	90	540	25
LNA1-1810-120-15.5	1810	120	1750	1870	15.5	0.5	0.6	16	27	-18	-10	6	45	270	25
LNA1-1810-120-16	1810	120	1750	1870	16	0.5	0.6	21	33	-18	-10	6	100	600	25
LNA1-2045-250-14	2045	250	1920	2170	14	1.0	0.7	16	27	-18	-10	6	45	270	25
LNA1-2045-250-15	2045	250	1920	2170	15	1.0	0.6	20	33	-18	-10	6	100	600	25
LNA1-2500-400-12	2500	400	2300	2700	12	1.5	0.9	16	28	-18	-10	6	45	270	25
LNA1-2500-400-12.5	2500	400	2300	2700	12.5	1.5	0.8	20	33	-18	-10	6	100	600	25
LNA1-3500-200-10	3500	200	3400	3600	10	1.0	0.9	15	32	-16	-12	6	45	270	25
LNA1-3450-300-10.5	3450	300	3300	3600	10.5	1.0	1	21	36	-16	-12	6	100	600	25

Wideband LNAs (LNA1V0)

Product Code	Fo (MHz)	BW (MHz)	F1 (MHz)	F2 (MHz)	Gain (dB)	Flatness (+/-dB)	N.F (dB)	P1dB (dBm)	OIP3 (dBm)	S ₁₁ (dB)	S ₂₂ (dB)	Vd (V)	Id (mA)	Pd (mW)	PWR (Max dBm)
LNA1-525-950-16	525	950	50	1000	16	1.0	1.5	19	31	-15	-5	6	100	600	25
LNA1-525-950-16	525	950	50	1000	16	1.0	1.7	21	35	-15	-5	6	160	960	25
LNA1-1125-2150-15	1125	2150	50	2200	15	2.0	1.5	20	31	-10	-5	6	100	600	25
LNA1-1125-2150-15	1125	2150	50	2200	15	2.0	1.7	21	35	-10	-5	6	160	960	25

Gain Block Amplifier (LNA1V0)

Product Code	Fo (MHz)	BW (MHz)	F1 (MHz)	F2 (MHz)	Gain (dB)	Flatness (+/-dB)	N.F (dB)	P1dB (dBm)	OIP3 (dBm)	S ₁₁ (dB)	S ₂₂ (dB)	Vd (V)	Id (mA)	Pd (mW)	CDMA (dBm)
GBA1-230-340-20	230	340	60	400	20	1.0	1.9	21	34	-13	-7	6	160	960	16
GBA1-600-400-18	600	400	400	800	18	1.0	1.4	19	32	-15	-8	6	100	600	14
GBA1-600-400-18	600	400	400	800	18	1.0	1.3	21	34	-15	-8	6	160	960	16
GBA1-892-136-18	892	136	824	960	18	0.5	1	20	32	-17	-11	6	90	540	14
GBA1-892-136-18.5	892	136	824	960	18.5	0.5	1	20	35	-17	-11	6	160	960	15
GBA1-1810-120-14.5	1810	120	1750	1870	14.5	0.5	1.1	20	33	-17	-12	6	90	540	14.5
GBA1-1810-120-15	1810	120	1750	1870	15	0.5	1.2	21.5	36	-17	-12	6	160	960	15.5
GBA1-2045-250-14	2045	250	1920	2170	14	0.5	1.2	20	33	-15	-12	6	90	540	14.5
GBA1-2045-250-14.5	2045	250	1920	2170	14.5	0.5	1.3	21.5	36	-15	-12	6	160	960	15.5

Linear Driver Amplifiers (LNA1V0)

Product Code	Fo (MHz)	BW (MHz)	F1 (MHz)	F2 (MHz)	Gain (dB)	Flatness (+/-dB)	N.F (dB)	P1dB (dBm)	OIP3 (dBm)	S ₁₁ (dB)	S ₂₂ (dB)	Vd (V)	Id (mA)	Pd (mW)	PWR (Max dBm)
LDA1-125-150-12	125	150	50	200	12	1.0	5	22	40	-16	-14	6	140	840	7
LDA1-900-200-14	900	200	800	1000	14	1.0	2.1	22	43	-19	-16	6	140	840	7
LDA1-900-200-14	900	200	800	1000	14	1.0	2.6	24	44	-16	-18	10	136	1360	10
LDA1-1150-700-13	1150	700	800	1500	13	1.0	2.6	24	44	-18	-19	10	136	1360	10
LDA1-1850-300-11	1850	300	1700	2000	11	1.0	2.9	22	43	-17	-14	6	140	840	7
LDA1-1900-200-12.6	1900	200	1800	2000	12.6	1.0	2.8	24	44	-26	-17	10	136	1360	10
LDA1-2050-300-10.4	2050	300	1900	2200	10.4	1.0	2.8	22	42	-26	-16	6	140	840	7
LDA1-2100-200-12.5	2100	200	2000	2200	12.5	1.0	2.9	24	44	-26	-18	10	136	1360	10
LDA1-2350-300-9.7	2350	300	2200	2500	9.7	1.0	2.8	22	43	-29	-13	6	140	840	7
LDA1-2350-300-12.2	2350	300	2200	2500	12.2	1.0	2.9	22.5	41	-21	-16	10	130	1300	10
LDA1-2600-200-9	2600	200	2500	2700	9	1.0	2.8	24	40	-22	-15	10	136	1360	10