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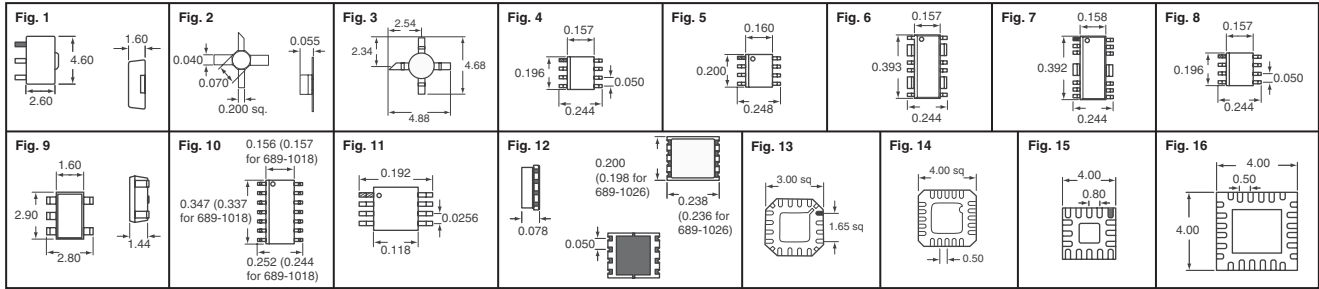


Fig.	Frequency (MHz)	Gain (dB)	Noise Figure (dB)	P _{1dB} (dBm)	OIP3 (dBm)	V _{cc} /I _{cc} (V/mA)	Package	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		RFMD Part No.
									1	25	100		Qty.	Pricing	
GaAs HBT Gain Block Amplifiers															
1	DC ~ 6000	20.0	3.5	18.0	32.0	6.0/65	SOT-89	689-1020-1-ND	3.46	2.60	2.16	689-1020-2-ND	750	729.00	RF3374TR7
	DC ~ 6000	13.2	4.6	16.0	28.0	6.6/65	SOT-89	689-1021-1-ND	3.46	2.60	2.16	689-1021-2-ND	750	729.00	RF3375TR7
	DC ~ 6000	22.0	2.0	11.0	24.4	4.2/35	SOT-89	689-1022-1-ND	3.46	2.60	2.16	689-1022-2-ND	750	729.00	RF3376TR7
	DC ~ 6000	15.5	3.0	13.0	25.5	4.5/40	SOT-89	689-1023-1-ND	3.46	2.60	2.16	689-1023-2-ND	750	729.00	RF3377TR7
DC ~ 6000	12.0	3.7	13.0	26.0	4.8/40	SOT-89	689-1024-1-ND	3.46	2.60	2.16	689-1024-2-ND	750	729.00	RF3378TR7	
InGaP HBT Gain Block Amplifiers															
2	DC ~ 12000	13.0	5.1	13.0	27.1	3.9/50	4-Micro-X	689-1000-1-ND	6.75	6.40	6.26	689-1000-2-ND	1,000	4266.00	NBB-300-T1
	DC ~ 12000	12.5	4.9	13.8	24.0	5.0/50	4-Micro-X	689-1001-1-ND	6.75	6.40	6.26	689-1001-2-ND	1,000	4266.00	NBB-310-T1
	DC ~ 8000	16.5	4.3	13.0	28.1	3.9/47	4-Micro-X	689-1002-1-ND	6.75	6.40	6.26	689-1002-2-ND	1,000	4266.00	NBB-400T1
	DC ~ 10000	10.7	4.9	11.1	27.0	3.8/50	4-Micro-X	689-1003-1-ND	3.17	2.54	1.98	689-1003-2-ND	1,000	1015.20	NLB-300T1
3	DC ~ 10000	10.7	5.0	12.6	27.9	4.6/50	4-Micro-X	689-1004-1-ND	3.17	2.54	1.98	689-1004-2-ND	1,000	1015.20	NLB-310-T1
	DC ~ 6000	13.0	4.1	12.0	27.3	3.9/47	4-Micro-X	689-1005-1-ND	3.17	2.54	1.98	689-1005-2-ND	1,000	1015.20	NLB-400-T1
High Linearity Amplifiers															
4	1800 ~ 2500	12.0	—	31.0	40.0	3.0 ~ 6.5/350	8-SOIC	689-1006-1-ND	13.31	10.74	6.70	689-1006-2-ND	750	3863.70	RF2126TR7
5	DC ~ 2500	15.0	3.8	20.0	33.0	5.5/100	8-SOIC	689-1007-1-ND	6.82	5.14	3.42	689-1007-2-ND	750	1320.30	RF2312TR7
6	DC ~ 3000	14.3	4.9	22.0	37.0	8.5/180	CJ2BAT0	689-1009-1-ND	7.06	6.34	5.19	689-1009-2-ND	750	2592.00	RF2317TR7
7	5 ~ 1500	20.0	1.5	23.7	36.4	7.0/120	16-SOP	689-1010-1-ND	7.70	6.89	6.12	689-1010-2-ND	750	3645.00	RF2360TR7
1	300 ~ 3000	12.5	2.5	23.0	40.0	5.0/150	SOT-89	689-1019-1-ND	4.96	4.14	3.20	689-1019-2-ND	750	2065.50	RF3315TR7
8	450 ~ 2500	14.0	—	28.5	42.0	5 ~ 8/120	8-SOIC	689-1027-1-ND	7.54	6.52	5.35	689-1027-2-ND	750	3086.10	RF3807TR7
	450 ~ 2500	10.5	—	32.5	46.5	5 ~ 8/270	8-SOIC	689-1028-1-ND	11.33	9.79	8.04	689-1028-2-ND	750	4633.20	RF3809TR7
4	800 ~ 2500	14.0	—	29.0	43.0	5.0/240	8-SOIC	689-1063-1-ND	10.00	7.73	5.39	689-1063-2-ND	750	3861.00	RF5187TR7
Low Noise Amplifiers															
9	150 ~ 2500	14.0	1.4	-6	4.0	3/5	SOT23-5	689-1008-1-ND	4.46	3.78	2.80	689-1008-2-ND	2,500	1620.00/M	RF2314TR7
	400 ~ 3000	15.0	1.3	-3.5	9.3	3.3/10	SOT23-5	689-1011-1-ND	3.44	2.68	2.16	689-1011-2-ND	2,500	918.00/M	RF2373TR7
	900 ~ 4000	14.0	1.3	-5	7.0	3.3/10	8-QFN	689-1012-1-ND	2.92	2.50	1.85	689-1012-2-ND	2,500	1032.00/M	RF2374TR7
10	400 ~ 1100	14.0	1.8	—	4.0	5/14	14-SOIC	689-1013-1-ND	6.74	5.93	5.30	689-1013-2-ND	750	1838.70	RF2418TR7
Low Power Amplifiers															
11	12 ~ 385	48.0	5.0	—	0	2.7/13	8-MSOP	689-1017-1-ND	3.96	3.39	3.05	689-1017-2-ND	750	1790.10	RF2637TR7
Transmit / Receive Switch															
9	DC ~ 2500	—	—	27.0	39.0	3/0.5 (tx mode)	SOT23-5	689-1014-1-ND	1.81	1.60	1.14	689-1014-2-ND	2,500	658.80/M	RF2436TR7

Fig.	Frequency (MHz)	Gain (dB)	OIP3 @ 31dBm (dBm)	P _{1dB} (dBm)	PAE @ P _{1dB} (%)	V _{cc} /I _{cc} (V/mA)	Package	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		RFMD Part No.
									1	25	100		Qty.	Pricing	
Driver Amplifiers															
12	450 ~ 470	14.7	51	38	45	5 ~ 8/400	AIN	689-1025-1-ND	11.83	11.33	10.83	689-1025-2-ND	750	7549.20	RF3800TR7
13	1500 ~ 2200	18	50	36	40	5 ~ 8/630	AIN	689-1026-1-ND	12.68	12.14	11.60	689-1026-2-ND	750	8091.90	RF3806TR7
	800 ~ 950	32	—	34†	57	3.5/200	16-QFN	689-1030-1-ND	6.47	5.60	4.57	689-1030-2-ND	2,500	3531.60/M	RF5110GTR7

† 880-915MHz

Fig.	Frequency (MHz)	Broadband Noise Floor (dBm/Hz)	Carrier Suppression (dBc)	Sideband Suppression (dBc)	OIP3 (dBm)	V _{cc} /I _{cc} (V/mA)	Package	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		RFMD Part No.
									1	25	100		Qty.	Pricing	
Quadrature Modulators / Demodulators															
14	700 ~ 2200	-156	40	43	20	2.7 ~ 3.3/85	20-QFN	689-1015-1-ND	12.32	10.71	9.16	689-1015-2-ND	750	4819.50	RF2483TR7
15	800 ~ 2500	-152.5	35	35	19	5/50	16-QFN	689-1016-1-ND	16.68	15.03	12.48	689-1016-2-ND	750	5067.00	RF2484TR7
10	0.1 ~ 250	—	25	30	—	3 ~ 6/10	14-SOIC	689-1018-1-ND	6.23	5.34	4.67	689-1018-2-ND	750	2527.20	RF2713TR7
16	800 ~ 2200	-152	40	40	20	2.7 ~ 3.3/112	24-QFN	689-1029-1-ND	10.89	9.41	7.73	689-1029-2-ND	750	4455.00	RF3854TR7

Description	Digi-Key Part No.	Price Each	RFMD Part No.
Evaluation Board for NBB-300	689-1055-ND	35.00	NBB-300-PCK
Evaluation Board for NBB-310	689-1056-ND	35.00	NBB-310-PCK
Evaluation Board for NBB-400	689-1057-ND	35.00	NBB-400-PCK
Evaluation Board for NLB-300	689-1059-ND	35.00	NLB-300-PCK
Evaluation Board for NLB-310	689-1060-ND	35.00	NLB-310-PCK
Evaluation Board for NLB-400	689-1061-ND	35.00	NLB-400-PCK
Evaluation Board for RF2126	689-1031-ND	168.75	RF2126PCK
Evaluation Board for RF2312 500	689-1032-ND	168.75	RF2312PCK-50 OHM
Evaluation Board for RF2314	689-1033-ND	168.75	RF2314PCK
Evaluation Board for RF2317 500	689-1034-ND	168.75	RF2317PCK-50 OHM
Evaluation Board for RF2360 500	689-1035-ND	168.75	RF2360PCK-50OHM
Evaluation Board for RF2373	689-1036-ND	168.75	RF2373PCK-414
Evaluation Board for RF2374	689-1037-ND	168.75	RF2374PCBA-410
Evaluation Board for RF2418	689-1038-ND	168.75	RF2418PCK
Evaluation Board for RF2483	689-1040-ND	168.75	RF2483PCK-410
Evaluation Board for RF2484	689-1041-ND	168.75	RF2484PCK
Evaluation Board for RF2637	689-1058-ND	168.75	RF2637PCK-410
Evaluation Board for RF2713 Demodulator	689-1062-ND	168.75	RF2713PCK-D
Evaluation Board for RF2713 Modulator	689-1042-ND	168.75	RF2713PCK-M
Evaluation Board for RF3315 900MHz	689-1043-ND	168.75	RF3315PCK-411
Evaluation Board for RF3374	689-1044-ND	35.00	RF3374PCK-410
Evaluation Board for RF3375	689-1045-ND	35.00	RF3375PCK-410
Evaluation Board for RF3376	689-1046-ND	35.00	RF3376PCK-410
Evaluation Board for RF3377	689-1047-ND	35.00	RF3377PCK-410
Evaluation Board for RF3378	689-1048-ND	35.00	RF3378PCK-410
Evaluation Board for RF3800	689-1049-ND	168.75	RF3800PCK-416
Evaluation Board for RF3806	689-1050-ND	168.75	RF3806PCK-415
Evaluation Board for RF3807	689-1051-ND	168.75	RF3807PCK-415
Evaluation Board for RF3809	689-1052-ND	168.75	RF3809PCK-415
Evaluation Board for RF3854	689-1053-ND	168.75	RF3854PCK-410
Evaluation Board for RF5110G	689-1054-ND	168.75	RF5110GPCK-410

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