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Raytheon Part Number	Freq (GHz)	Description	Id Max (mA)	Gain dB	Pout dBm	OIP3 dBm	NF dB	Vd Volts	Id mA	PAE %	Input Return Loss dB	Output Return Loss dB	Max Input Pwr dBm	Op. Case Temp. (degrees C)		X mm	Y mm	Z mm	Area Sq mm	FET Perif (mm)
														Low	High					

(GHz)		WIRELESS PRODUCTS				EVM %	@Po dBm													
RMPA2000-58	1.8-2.0	ISM Band Power Amp		30.0	28/31			5/7	300, 400	35/40				-40	100	5.08	5.08	1.75	25.81	
RMPA2450-58	2.4-2.5	ISM Band PA (Fully Matched)		30/30	28/31			5/7	360	35/33				-40	100	5.08	5.08	1.75	25.81	
RMPA2451-58	2.4-2.5	ISM Band PA (Partially Matched)		33.0	29.0			5.0	400	38	9.5		10	-40	85	5.08	5.08	1.75	25.81	
RMPA2451B-58	2.4-2.5	ISM Band PA (Partially Matched)		33.0	29.0			5.0	400	38	15		10	-40	85	5.08	5.08	1.75	25.81	
RMPA2453-251	2.4-2.5	2.4-2.5 GHz HBT Linear Power Amp		26.0	26.5	2.8	19	3.3	100		15	12	10	-40	85	3.00	3.00	1.00	9.00	
RMPA5251-251	4.90-5.85	4.90-5.85 GHz HBT Linear Power Amp		27.0	26.0	2.0	18	3.3	200		12	10	10	-40	85	3.00	3.00	1.00	9.00	
RMPA2550-252	2.4-2.5/5.15-5.35	Dual Band HBT Linear Power Amp		27/26	26/27	2.0	16	3.3	110/200		15	12	10	-40	85	3.00	4.00	1.00	12.00	

						ACPR1 dBc	ACPR2 dBc													
(MHz)		HANDSET PRODUCTS																		
RMPA0913C-58	824-849	3.5V AMPS/CDMA Power Amp		30.0	32.5	-48	-63	3.5	190	56				-30	110	5.08	5.08	1.75	25.81	
RMPA0951A-102	824-849	3.5V AMPS/CDMA PA Module		30.0	31.5	-52	-58	3.5	80	50				-30	85	6.00	6.00	1.50	36.00	
RMPA0959-108	824-849	3.5V AMPS/CDMA PA Module		31.0	28.0	-52	-60	3.4	80	50				-30	85	4.00	4.00	1.50	16.00	
RMPA1956-103	824-829/1850-1910	3.5V Dual Band Tri Mode PA Mod		30/24	31.5/28	-50	-60	3.5	90	33	9.5		<+5	-30	85	6.00	8.00	1.50	48.00	
RMPA1759-108	1720-1780	3.4V Korean PCS CDMA PA Module		27.0	28.0	-50	-56	3.4	80	38	9.5			-30	85	4.00	4.00	1.50	16.00	
RMPA1902A-58	1850-1910	3.5V PCS CDMA Power Amp		30.0	29.0	-49		3.5	135	36				-30	90	5.08	5.08	1.75	25.81	
RMPA1951-102	1850-1910	3.5V PCS CDMA PA Module		24.0	29.0	-49		3.5	80	35	9.5	5.1		-40	110	6.00	6.00	1.50	36.00	
RMPA1959-108	1850-1910	3.4V PCS CDMA PA Module		27.0	28.0	-50	-56	3.4	40	38	9.5			-30	85	4.00	4.00	1.50	16.00	
RMPA2059-108	1920-1980	3.4V WCDMA/CDMA PA Module		26.0	27.0	-38	-48	3.4	40	40	9.5			-30	85	4.00	4.00	1.50	16.00	
RMPA2259-108	1920-1980	3.4V WCDMA/CDMA PA Module		26.0	28.0	-38	-48	3.4	40	40	9.5			-30	85	4.00	4.00	1.50	16.00	

						OIP3 dBm														
(MHz)		BASE STATION PRODUCTS																		
RMBA09500-58	869-894/935-960	Cellular 2W Base Station PA		32.0	38.0			7.0	150, 400	20			<+5	-30	85	5.08	5.08	1.75	25.81	
RMBA09501-58	869-894	Cellular 2W Base Station PA		35.0	33.0	43		7.0	150, 400	29			<+5	-30	85	5.08	5.08	1.75	25.81	
RMBA09501A-58	869-894	Cellular 2W Base Station PA		35.0	33.0	45		7.0	150, 400	29			<+5	-30	85	5.08	5.08	1.75	25.81	
RMBA19500-58	1930-1990	PCS 2W Base Station PA		30.0	33.0	43		7.0	180, 445	24			<+5	-30	85	5.08	5.08	1.75	25.81	
RMBA19500A-58	1930-1990	PCS 2W Base Station PA		30.0	33.0	45		7.0	180, 445	24			<+5	-30	85	5.08	5.08	1.75	25.81	

RMM2080	2-18	2-18 GHz Variable Gain DA	400	20.0	21.0	-		7	300	-	7	7	8	-30	85	4.14	3.22	0.100	13.33	3.0
RMWB04001	3.5-4	4 GHz Buffer Amp	168	27.0	20.0			4	36		14	12	7	-30	85	2.40	1.30	0.100	3.12	0.73
RMLA3565-58	3.5-6.5	3.5 -6 GHz Packaged LNA	180	18.0	9.0	21.0	1.4	4	70		10	10	0	-35	85	5.08	5.08	1.91	25.81	1.2
RMLA3565A-58	3.5-6.5	3.5 -6 GHz Packaged LNA	180	18.0	9.0	21.0	1.3	4	70		10	10	0	-35	85	5.08	5.08	1.91	25.81	1.2
RMLA04120	4-12	18-25 GHz Low Noise Amp	250	23.0	5.0		1	3.5	10		10	10	-5	-30	85	3.31	1.75	0.100	5.81	0.48
RMWL05001	4.7-5.2	5 GHz LNA	113	18.0	15.0		1.4	4	76		15	15	8	-30	85	2.00	1.15	0.100	2.30	0.75
RMPA61800	6-18	6-18 GHz 2W Power Amp	3064	21.0	34.0	-		8	1200	22	9.5	7.4		-40	85	6.55	5.15	0.100	33.73	13.32
RMPA61810	6-18	6-18 GHz 1W Power Amp	1532	21.0	32.0	-		8	600	22	9.5	7.4		-40	85	6.55	2.67	0.100	17.49	6.66

RMWT04001	8.4-12	4/12 GHz Tripler		-14.0							10		25	-30	85	1.80	1.05	0.100	1.89	
RMWB12001	8.5-12	12 GHz Buffer Amp	207	25.0	21.0			4	96	26	12	10	8	-30	85	2.20	1.70	0.100	3.74	0.9
RMWB11001	10.5-11.7	11 GHz Buffer Amp	104	21.0	19.0			4	36	35	13	18	8	-30	85	2.00	1.30	0.100	2.60	0.45
RMWW12001	17-24	12/24 GHz Doubler		-10.0							12		22	-30	85	1.50	2.50	0.100	3.75	
RMWB24001	17-24	24 GHz Buffer Amp	110	15.0	17.0			4	70	15	12	12	11	-30	85	2.50	1.50	0.100	3.75	0.48
RMPA19000	18-22	20 GHz 1W Power Amplifier	1092	26.0	29.0	37.0		5	600	32	8	10	15	-15	65	4.45	3.50	0.050	15.58	4.2
RMLA18250	18-25	18-25 GHz Low Noise Amp	260	23.0	6.0		2.0	1.0	46		10	10	0	-30	85	2.57	1.75	0.100	4.50	0.5
RMDA1840	18-40	18 to 40 GHz Driver Amplifier	442	22.0	23.0	-		5	400	15	8	10	15	-30	85	4.67	2.00	0.050	9.34	1.7
RMDA20420	20-42	20 to 42 GHz Driver Amplifier	408	22.0	23.0	-		3.5	350		12	10	15	-30	70	1.72	0.76	0.050	1.31	1.57
RMWP23001	21-24	23 GHz Power Amp	607	22.5	25.0	33.0		4	400	15	14	12	8	-30	85	2.60	1.20	0.100	3.12	2.64
RMWM26001	21-26.5	26 GHz Mixer		-8.0		-							25	-30	85	1.95	1.50	0.100	2.93	
RMWD24001	21-26.5	23/26 GHz Driver Amp	345	23.0	18.0	-		4	240		10	12	8	-30	85	2.85	1.20	0.100	3.42	1.5
RMWL26001	21-26.5	23/26 GHz LNA	75	22.0	11.0		2.9	4	65		12	12	8	-30	85	3.00	1.25	0.100	3.75	0.5
RMDA25000	23-28	25 GHz Driver Amplifier	468	30.0	23.0	27.0		5	250	10	10	8	10	-30	85	2.79	1.63	0.050	4.55	1.8
RMPA25000	23-26	25 GHz Power Amplifier	2096	18.0	33.0	38.0		5	1200	22	12	12	20	-30	85	4.45	3.87	0.050	17.22	8.06
RMWP26001	24-26.5	26 GHz Power Amp	531	23.0	25.0	33.0		4	370	16	12	12	8	-30	85	2.85	1.20	0.100	3.42	2.31
RMTR10300	9-10.75	10/30 GHz Tripler	187	0.0	17.0			5	75		8	7	22	-30	85	3.22	1.13	0.050	3.64	0.72
RMPA27000	27-29	27 GHz 1.8W Power Amplifier	2912	18.0	32.5	39.0		5	1500	20	6	10	22	-30	85	4.00	2.98	0.050	11.92	11.2
RMPA29000	27-30	29 GHz 1W Power Amplifier	1092	23.0	30.0	36.0		5	700	25	10	10	18	-30	85	5.20	2.95	0.050	15.34	4.2
RMDA29000	27-31	29 GHz Driver Amplifier	468	22.0	23.0	30.0		5	250	8	10	8	10	-30	85	3.41	1.62	0.050	5.52	1.8
RMPA29400	27-32	29 GHz 3.5W Power Amplifier	3224	25.0	34.5	42.0		5	1600	22	10	10	22	-30	85	4.73	3.42	0.050	16.18	12.4
RMPA29300	29-30	29 GHz 2W Power Amplifier	3526	22.0	34.0	-		5	1600					-30	85	4.53	4.18	0.050	18.94	13.56
RMPA29200	29-31	29 GHz 2W Power Amplifier	2912	17.0	33.0	38.0		5	1500	20	12	10	22	-30	85	4.00	2.98	0.050	11.92	11.2
RMWD15300	15-30	15/30 GHz Doubler/Driver Amp	550	21.0	24.0			5	275				5	-40	85	1.00	3.26	0.050	3.26	2.2
RMWP15300	15-30	15/30 GHz Doubler/Power Amp	3484	34.0	34.0			5	1800				5	-40	85	5.10	3.26	0.050	16.63	13.4
RMLA31400	31-40	31-40 GHz Low Noise Amp	117	20.0	0.0		1.8	1.9	16		10	10	0	-30	85	2.25	1.25	0.100	2.81	0.225
RMWB33001	32-35	33 GHz Buffer Amp	173	24.0	19.0			4	112	15	12	12	8	-30	85	3.20	1.20	0.100	3.84	0.75
RMWT11001	32-35	11/33 GHz Tripler		-14.5							11		22	-30	85	1.60	1.05	0.100	1.68	
RMTR13390	36-40.5	13/39 GHz Tripler	187	-5.0	12.0			5	100		8	7	22	-30	85	3.22	1.13	0.050	3.64	0.72
RMPA39000	37-40	39 GHz 700mW Power Amp	1092	15.0	28.0	-		5	700	15	8	7	20	-30	85	4.29	2.90	0.050	12.43	4.2
RMPA39100	37-40	39 GHz 1W Power Amplifier	1810	18.0	30.0	38.0		5	1000	17	10	7	18	-30	85	4.28	3.19	0.050	13.65	6.96
RMPA39200	37-40	39 GHz 1.6W Power Amplifier	2352	19.0	32.0	38.5		5	1600	17	10	10	18	-30	85	4.28	3.19	0.050	13.65	9.8
RMPA39300	37-40	39 GHz 2W Power Amplifier	4950	16.0	33.0	40.0		5	2500	14	9	9		-30	85	5.05	3.91	0.050	19.75	19.04
RMWM38001	37-40	38 GHz Mixer		-6.5									25	-30	85	1.40	1.40	0.100	1.96	
RMWD38001	37-40	38 GHz Driver Amp	173	25.0	19.0	28.0		4	105	13	15	9	8	-30	85	3.00	1.20	0.100	3.60	0.75
RMWP38001	37-40	38 GHz Power Amp	483	22.0	23.5	30.0		4	250	15	12	7	8	-30	85	3.40	1.40	0.100	4.76	2.1
RMWL38001	37-40	38 GHz LNA	75	22.0	15.0		2.7	4	50		12	13	6	-30	85	2.90	1.25	0.100	3.63	0.5