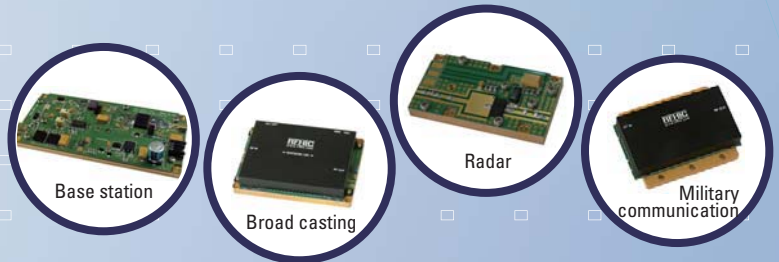


GaN Wideband Pallet Amplifiers

Product Features

- GaN on SiC HEMT
- Small and light weight
- Wide Band Operation
- 50 Ohm Input/Output impedance
- High reliability and ruggedness
- Military Environment
- High efficiency



Wideband Amplifiers

Part Number	Frequency (MHz)	Gain (dB)	Modulated PW (W)	N.F (dB)	P3dB (dBm)	OIP3 (dBm)	Vd (V)	Id (mA)	Package type or mm
RFC042	400 ~ 800	23	-	4	30 (P1)	50	24	400	DP-27
RFC092	800 ~ 1000	23	-	5	30 (P1)	50	24	400	DP-27
RFC1G22-24	20 ~ 1000	22	-	3.5	30 (P1)	50	24	400	DP-27
RFC1G18H4-24	20 ~ 1000	19	-	3	36	44	24	550	DP-27
RFC1G18H4-24S	20 ~ 1000	19	-	3	36	44	24	550	SOT-115J
RFW2500H10-28	20 ~ 2500	17	-	-	36	43	28	700	DP-34
RWP02020-10 *	2 ~ 520	32	-	-	43	50	28	1500	DP-75
RWP02040-10 *	2 ~ 520	32	-	-	46	52	28	2500	DP-75
RWP02080-10 *	2 ~ 520	30	-	-	49	54	28	4000	DP-100
RWP02160-10 *	2 ~ 520	22	-	-	52	56	28	6500	DP-100
RWP03040-10	20 ~ 520	35	-	-	46	53	28	2500	DP-75
RWP05020-10	20 ~ 1000	40	-	-	43	45	28	1500	DP-75
RWP05040-10	20 ~ 1000	38	-	-	45	48	28	2100	DP-75
RWP05080-10 *	20 ~1000	35	-	-	49	54	28	4000	DP-100
RWP06020-10 *	450 ~ 870	40	-	-	43	49	28	2300	DP-75
RWP06040-10	450 ~ 880	40	-	-	45	50	28	1500	DP-75
RWP06080-10 *	450 ~ 880	35	-	-	49	54	28	4000	DP-100
RWP15020-10	1000 ~ 2000	26	-	-	43	45	28	2200	DP-75
RRP29050-10	2700 ~ 3100	10	-	-	48	-	-	-	86x39
RRP29050-11	2700 ~ 3100	34	-	-	47	-	-	-	150x35
RRP31140-10	2900 ~ 3300	31	-	-	51.5	-	-	-	150x30
RRP31200-10	2900 ~ 3300	31	-	-	53	-	-	-	145x30
RRP31250-10	2900 ~ 3300	8	-	-	54	-	-	-	51x36
RUP15010-10	500 ~ 2500	14	-	-	40	-	28	1000	55x30
RUP15010-11	500 ~ 2500	55	-	-	39	-	28	1300	120x80
RUP15020-10	500 ~ 2500	13	-	-	43	-	28	1500	60x30
RUP15020-11	500 ~ 2500	55	-	-	40	-	28	1700	120x80
RUP15030-10	500 ~ 2500	14	-	-	44	-	28	2500	90x50
RUP15050-10	500 ~ 2500	11	-	-	46	-	28	3000	100x50
RUP15100-10	500 ~ 2500	11.5	-	-	49	-	28	6000	130x60
RUP43010-10 *	2500 ~ 6000	9	-	-	39	-	28	1900	70x35
RUP43020-10 *	2500 ~ 6000	8	-	-	42	-	28	2600	70x35
RTP26010-S0	2496 ~ 2690	45	8	-	47	-	-	-	159x90
RTP26020-S0	2496 ~ 2690	45	16	-	49	-	-	-	159x90
RTP26010-10	2496 ~ 2690	25	8	-	47	-	-	-	105x60
RTP26020-10	2496 ~ 2690	25	16	-	49	-	-	-	105x60

* Release scheduled 2009 Q4