



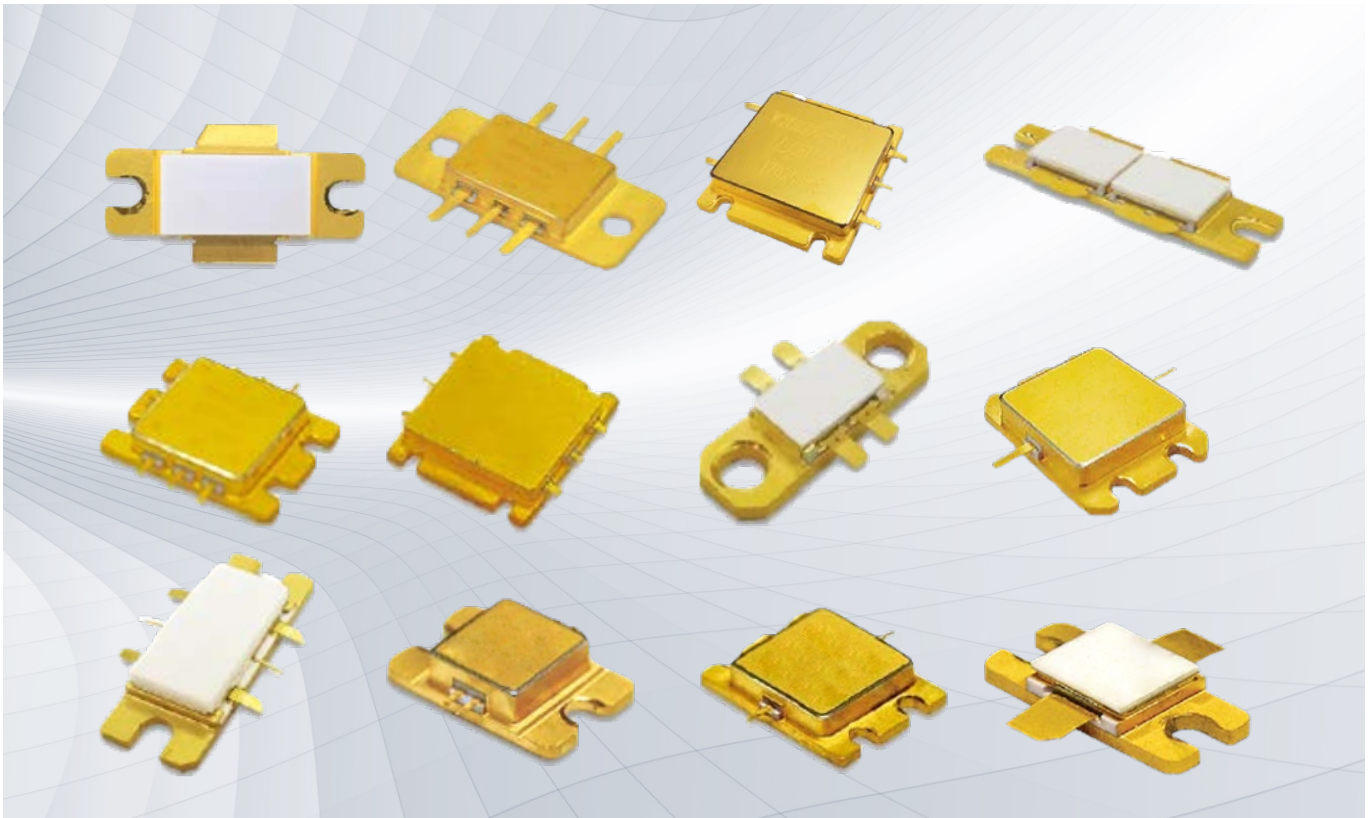
Power Transistors Selection Guide





























INTRODUCTION


























Based on 0.25 μ m, 0.35 μ m, 0.5 μ m GaN HEMT standard processes, we have developed series of high power, high efficiency, miniaturized GaN pre-matched, inter-matched power transistors and power modules. These shelf products cover P, L, S, C, X, Ku bands, output power starts from a few watts up to K watts, with different gain value and various of packages.
































These GaN power transistors are widely used for applications like radar, EW, telecommunications, navigation etc. We can also customize to provide advanced, complete solution for transmitting chain.
































You're always welcomed to visit our website to get the most updated product information and data sheets.






























































Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN2032H	0.01	0.05	5	50	17	28	Pulse	Pre-matched	C406T	11.0*4.0*2.5	
SCN2033H	0.01	0.05	50	60	17	28	Pulse	Pre-matched	JY02F064T	13.1*6.4*3.6	
SCN001003-P58	0.135	0.275	650	70	16	42	Pulse	Pre-matched	JY04F505	35.91*10.16*4.0	
SCN001003-P59	0.135	0.275	900	72	17	48	Pulse	Pre-matched	JY04F505	35.91*10.16*4.0	
SFBN001001-P40-CW	0.138	0.138	10	65	17	30	CW	Pre-matched	JY02F064T	13.1*6.4*3.6	
SCN002003-P56	0.22	0.28	400	75	17	50	Pulse	Pre-matched	JY04F217	34.1*10.2*5.0	
SCN002003-P43	0.22	0.28	20	45	18	50	Pulse	Pre-matched	C164-2	24.0*17.4*5.0	
SCN003005-P61	0.35	0.45	1300	70	19	50	Pulse	Pre-matched	JY04F503	41.1*10.1*3.4	
SCN004005-P62	0.41	0.48	1500	70	18.5	50	Pulse	Pre-matched	JY04F503	41.1*10.1*3.4	
SCN004005-P63	0.41	0.48	2000	72	18.5	60	Pulse	Pre-matched	JY04F503	41.1*10.1*3.4	
SCN004005-P64	0.41	0.485	2500	72	17.5	60	Pulse	Pre-matched	C312	41.2*10.1*3.4	
SCN004006-P56	0.41	0.61	500	70	17	42	Pulse	Pre-matched	JY04F505	35.91*10.16*4.0	
SCN004005-P58	0.425	0.475	700	75	19	50	Pulse	Pre-matched	JY04F503	41.1*10.1*3.4	
SCN004005-P61	0.425	0.475	1300	72	18	50	Pulse	Pre-matched	JY04F503	41.1*10.1*3.4	
SCN005006-P58	0.48	0.61	600	70	17	50	Pulse	Pre-matched	JY04F503	41.1*10.1*3.4	
SCN009013-P52	0.96	1.25	160	60	16	50	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN009013-P54	0.96	1.25	250	65	15	50	Pulse	Pre-matched	JY02F015	26.1*10.2*3.7	
SCN009013-P55	0.96	1.25	350	65	15	50	Pulse	Pre-matched	JY02F015	26.1*10.2*3.7	
SCN009013-P58	0.96	1.25	650	65	15	50	Pulse	Pre-matched	JY02F019	29.3*10.2*3.7	
SCN009013-P59	0.96	1.25	800	65	15	50	Pulse	Pre-matched	JY02F019	29.3*10.2*3.7	
SCN009012-P62	1.03	1.09	1500	65	16.5	50	Pulse	Pre-matched	JY02F058	29.28*10.2*3.85	N/A
SCN011019-P47-CW	1.1	1.9	50	52	10	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN011015-P55	1.12	1.48	300	58	14	50	Pulse	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN011012-P41	1.15	1.24	15	63	15	28	CW	Inter-matched	C164-2T	24.0*17.4*4.9	N/A
SCN011012-P51	1.15	1.24	100-120	68	14	28	CW	Pre-matched	JY02F058T	29.28*10.2*3.85	
SCN011014-P48	1.15	1.35	60	60	29	48	Pulse	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN011017-P53-CW	1.1-1.3	1.5-1.7	220	60	13	28	CW	Pre-matched	JY02F008	34.04*9.78*2.35	N/A
SCN011011-P49-T-CW	1.2	1.2	80	72	14	28	CW	Pre-matched	JY02F005	22.8*10.1*3.2	
SCN012013-P57	1.2	1.3	500	70	15	50	Pulse	Pre-matched	JY02F015	26.1*10.2*3.7	
SFBN012014-P47	1.2	1.4	50	50	13	28	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	N/A
SCN012014-P51	1.2	1.4	130	60	14	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN012014-P53	1.2	1.4	200	60	14	32	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	































Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN012014-P54	1.2	1.4	250	65	14	50	Pulse	Pre-matched	JY02F019	29.3*10.2*3.7	
SCN012014-P54-1	1.2	1.4	250	60	13	32	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN012014-P55	1.2	1.4	300	65	15	50	Pulse	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN012014-P56	1.2	1.4	400	60	15	50	Pulse	Pre-matched	JY02F015	26.1*10.2*3.7	
SCN012014-P57	1.2	1.4	500	68	15	50	Pulse	Pre-matched	JY02F015	26.1*10.2*3.7	
SCN012014-P58	1.2	1.4	650	68	15	50	Pulse	Pre-matched	JY02F019	29.3*10.2*3.7	
SCN012014-P60	1.2	1.4	1000	65	15	50	Pulse	Pre-matched	JY02F058T	29.28*10.2*3.85	
SCN012016-P52	1.2	1.6	150	60	13	28	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SFBN012013-P41	1.25	1.3	15	63	15	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	N/A
SCN013015-P56	1.3	1.5	400	68	15	50	Pulse	Pre-matched	JY02F019	29.3*10.2*3.7	
SCN013015-P58	1.3	1.5	650	68	15	50	Pulse	Pre-matched	JY02F019	29.3*10.2*3.7	
SFBN015016-P44	1.5	1.6	25	64	14	28	CW	Pre-matched	JY02F015	29.3*10.2*3.65	N/A
SCN015016-P54-CW	1.5	1.65	250	60	13	36	CW	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN015015-P49-T-CW	1.6	1.6	80	70	12	28	CW	Pre-matched	JY02F005	22.8*10.1*3.2	
SFHN016016-P45	1.61	1.64	31	63	13	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	N/A
SCN016016-P49	1.6	1.65	80	60	13	28	CW	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN018021-P52	1.8	2.1	180	55	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN018021-P54	1.8	2.1	250	55	12	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN018021-P56	1.8	2.1	400	55	12	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN018021-P59	1.8	2.1	800	60	12	48	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN019019-P37	1.8	2.1	5	60	14	28	CW	Inter-matched	JF04F002	21.0*13.0*5.3	N/A
SCN019019-P48	1.9	2.1	60	60	13	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	N/A
SFHN020020-P41	1.95	2.05	12.5	60	15	28	CW	Inter-matched	JF04F002	21.0*13.0*5.3	N/A
SFBN020024-P41-CW	2	2.4	12.5	55	12	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN020030-P50-CW	2	3	100	45	13	32	CW	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN022023-P40-CW	2.2	2.3	10	57	12	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN022023-P41-CW	2.2	2.3	12	57	13	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SFHN022023-P41	2.2	2.3	12.5	60	15	28	CW	Inter-matched	JF04F002	21.0*13.0*5.3	N/A
SCN022023-P46-CW	2.2	2.3	40	57	13	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN022023-P49-CW	2.2	2.3	80	57	13	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SFBN022024-P47	2.2	2.4	50	60	13	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN022024-P58	2.2	2.4	700	60	12	48	Pulse	Inter-matched	C164-1F	24.0*17.4*4.4	
































Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN022025-P59	2.2	2.5	800	60	12	48	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SFBN023023-P39-CW	2.3	2.3	8	60	14	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SFBN023023-P49-CW	2.3	2.3	80	60	10	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SFBN023023-P50-CW	2.3	2.3	100	60	11	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN023025-P50-CW	2.3	2.5	100	60	13	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SFBN023025-P53	2.3	2.5	200	55	12	45	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN023025-P55	2.3	2.5	300	62	12.7	32	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN023027-P52	2.3	2.7	180	55	12	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN023027-P55	2.3	2.7	300	55	12	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN025025-P40-CW	2.5	2.5	10	55	12	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN025025-P46-CW	2.5	2.5	40	55	11.5	28	CW	Pre-matched	H102-11	22.9*9.9*5.5	
SCN025025-P49-T-CW	2.5	2.5	80	63	13	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN025025-P50-CW	2.5	2.5	100	60	13	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN026026-P54	2.6	2.6	250	60	13	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN027029-P57	2.7	2.9	500	55	12	50	Pulse	Inter-matched	C164-1F	24.0*17.4*4.4	
SCN027031-P52	2.7	3.1	180	57	12	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN027031-P55	2.7	3.1	300	55	12	50	Pulse	Inter-matched	C164-1F	24.0*17.4*4.4	
SCN027031-P56	2.7	3.1	400	55	12	50	Pulse	Inter-matched	C164-1F	24.0*17.4*4.4	
SCN027035-P46	2.7	3.5	40	45	12	28	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN027035-P48	2.7	3.5	60	55	12	32	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN027035-P49	2.7	3.5	80	55	12	32	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN027035-P49-CW	2.7	3.5	80	50	11	28	CW	Inter-matched	C164-1F	24.0*17.4*4.4	
SCN027035-P50	2.7	3.5	100	55	12	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN027035-P51	2.7	3.5	120	55	12	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN027035-P52	2.7	3.5	150	55	12	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SFBN027035-P53-CW	2.7	3.5	200	50	10	32	CW	Inter-matched	JF06F016	30.8*27.4*5.0	N/A
SCN027035-P54	2.7	3.5	250	55	12	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN027035-P56	2.7	3.5	400	55	12	50	Pulse	Inter-matched	C164-1F	24.0*17.4*4.4	
SFBN027035-P56-1	2.7	3.5	440	50	12	48	Pulse	Inter-matched	JF06F016	30.8*27.4*5.0	
SCN030034-P49	3	3.4	80	60	12	28	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN031033-P52	3.1	3.3	160	60	12	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN031033-P54	3.1	3.3	240	60	13	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	















Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN031034-P52	3.1	3.4	180	60	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	N/A
SCN031034-P55	3.1	3.4	300	55	12	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN031035-P50	3.1	3.5	100	60	12	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN031035-P53	3.1	3.5	200	60	12	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN031035-P55	3.1	3.5	300	55	12	36	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN031035-P56	3.1	3.5	400	55	12	50	Pulse	Inter-matched	C164-1F	24.0*17.4*4.4	
SCN033037-P52	3.3	3.7	180	57	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN037042-P48-CW	3.7	4.2	60	60	12	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN037042-P50-CW	3.7	4.2	100	60	11	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN037042-P55	3.7	4.2	300	55	10	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN040050-P49-CW	4	5	80	50	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN042045-P51	4.2	4.5	120	55	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN044050-P45-CW	4.4	5	30	50	11	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN044050-P48-CW	4.4	5	60	50	11	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN044050-P50-CW	4.4	5	100	45	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN044050-P51	4.4	5	120	55	10	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN044050-P53	4.4	5	200	55	10	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN044050-P54	4.4	5	250	55	10	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN050060-P39-CW	5	6	8	45	11	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN050060-P49-CW	5	6	80	45	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN050060-P52	5	6	150	45	11	36	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN050060-P53	5	6	200	45	11	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN050060-P54	5	6	250	50	10	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN052058-P52	5.2	5.8	160	50	11	32	Pulse	Inter-matched	C164-1	24.0*17.4*5.0	
SCN052058-P54	5.2	5.8	250	50	10	32	Pulse	Inter-matched	C164-1	24.0*17.4*5.0	
SCN053059-P45	5.3	5.9	30	55	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN053059-P48	5.3	5.9	60	52	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN053059-P51	5.3	5.9	120	52	10	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN053059-P53	5.3	5.9	200	52	10	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN053059-P54	5.3	5.9	250	50	10	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN053059-P56	5.3	5.9	400	50	11	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN053059-P57	5.3	5.9	500	50	11	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	

Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN057063-P49-CW	5.7	6.3	80	45	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN059064-P45-CW	5.9	6.4	30	45	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN059064-P48-CW	5.9	6.4	60	45	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN050060-P54	5.9	6.4	100	45	10	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN060066-P52	6	6.6	150	50	9	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SFBN060075-P43	6	7.5	20	36	10	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN064072-P44-CW	6.4	7.2	25	45	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN064072-P49	6.4	7.2	80	45	9	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN064072-P50-CW	6.4	7.2	100	42	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN064072-P52	6.4	7.2	150	45	9	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN064072-P53	6.4	7.2	200	45	9	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN065070-P52	6.5	7	160	45	10	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN069073-P44	6.9	7.3	25	45	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN069073-P49	6.9	7.3	80	45	11	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN069073-P53	6.9	7.3	180	45	9	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN070075-P45-CW	7	7.5	30	45	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN070075-P48-CW	7	7.5	60	45	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN070075-P50	7	7.5	100	45	9	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN070075-P52	7	7.5	160	45	9	36	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN070075-P55	7	7.5	300	45	9	36	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN071073-P44-CW	7.1	7.3	25	45	8	28	CW	Inter-matched	C129	21.3*13.1*5.2	N/A
SCN072077-P48-CW	7.2	7.7	60	55	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	N/A
SCN072077-P50-CW	7.2	7.7	100	45	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	N/A
SCN077083-P44	7.7	8.3	25	45	8	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN077083-P48	7.7	8.3	70	45	9	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN077085-P48-CW	7.7	8.5	70	45	8	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN077085-P51-CW	7.7	8.5	110	45	8	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN077085-P52	7.7	8.5	150	45	8.5	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN077085-P53	7.7	8.5	200	45	8.5	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN080085-P48-CW	8	8.5	60	55	9	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN080090-P55	8	9	320	40	9	50	Pulse	Inter-matched	C186-1	26.4*17.4*4.6	
SCN082088-P62	8.2	8.8	1500	35	8	70	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	

Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN084086-P56	8.4	8.6	400	35	10	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P47	8.5	9.6	50	50	8	28	Pulse	Inter-matched	C129-10	21.0*12.9*4.7	
SCN085096-P47-CW	8.5	9.6	50	43	8	28	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P50	8.5	9.6	100	45	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P52	8.5	9.6	150	40	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P53	8.5	9.6	200	40	8	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P54	8.5	9.6	250	40	8	40	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P55	8.5	9.6	300	40	8	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN085096-P56	8.5	9.6	400	35	8	50	Pulse	Inter-matched	C186-1	26.4*17.4*4.6	
SCN085100-P50	8.5	10	100	40	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN090100-P48	9	10	60	40	8	24	Pulse	Inter-matched	C129-10	21.0*12.9*4.7	
SCN090100-P47-CW	9	10	50	40	8	28	CW	Inter-matched	C129-10	21.0*12.9*4.7	
SCN090100-P50	9	10	100	40	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN090100-P52	9	10	150	40	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN090100-P53	9	10	200	40	8	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN090100-P54	9	10	250	40	8	40	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN090100-P55	9	10	300	35	8	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN095105-P52	9.5	10.5	150	36	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	N/A
SCN095105-P53	9.5	10.5	200	38	8	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN095105-P54	9.5	10.5	250	33	8.5	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN095110-P50	9.5	11	100	35	8	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN096106-P54	9.6	10.6	250	40	8	40	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN100104-P48-CW	10	10.4	70	32	7.5	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN100104-P60	10	10.4	1000	30	8	50	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	N/A
SCN112118-P48	11.2	11.8	60	33	7	32	Pulse	Inter-matched	C129-10	21.0*12.9*4.7	
SCN112118-P53	11.2	11.8	200	33	7	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN112118-P55	11.2	11.8	300	40	9	70	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN112118-P58	11.2	11.8	600	35	8.5	70	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN118122-P48	11.8	12.2	65	33	7	32	Pulse	Inter-matched	C129-10	21.0*12.9*4.7	
SCN118122-P53	11.8	12.2	200	30	6.5	32	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN131133-P51	13.1	13.3	120	30	6	28	Pulse	Inter-matched	C164-1	24.0*17.4*4.4	
SCN137142-P47	13.7	14.2	50	30	5	28	Pulse	Inter-matched	C129-10	21.0*12.9*4.7	






Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN137145-P47-CW	13.75	14.5	50	30	6	24	CW	Inter-matched	C129-10	21.0*12.9*4.7	
SCN137145-P49-CW	13.75	14.5	80	30	5.5	24	CW	Inter-matched	C164-1	24.0*17.4*4.4	
SCN149151-P38-CW	14.9	15.1	6	30	5	28	CW	Inter-matched	C129-10	21.0*12.9*4.7	
SCN149151-P43-CW	14.9	15.1	20	30	5	28	CW	Inter-matched	C129-10	21.0*12.9*4.7	
SFBN000005-P53	0.03	0.52	200	65	15	40	CW	Power Module	Plate	100.0*65.0*25.0	
SFBN000009-P53	0.03	0.9	200	56	13	40	CW	Power Module	Plate	116.0*52.0*14.0	
SFBN000010-P40	0.03	1	10	50	32	28	CW	Power Module	JF06F007	18.0*8.7*2.2	
SFBN001010-P53	0.08	1	200	60	13	40	CW	Power Module	Plate	100.0*65.0*25.0	
SFBN001004-P38	0.1	0.4	6	65	36	28	CW	Power Module	Plate	25.0*24.0*4.5	
SFBN001004-P47	0.1	0.4	50	70	13	28	CW	Power Module	Plate	43.0*42.0*12.0	
SCN003008-P50-CW	0.3	0.8	100	45	10	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN0110-P43	0.1	0.8	20	55	14	28	CW	Pre-matched	JY04F635	6.35*18.9*2.67	
SCN0110-P52	0.1	0.8	150	65	12	28	CW	Pre-matched	JY04F128	41.2*10.2*2.9	
SCN002005-P55	0.225	0.525	300	70	17	48	CW	Pre-matched	JY04F128	41.2*10.2*2.9	
SFBN003020-P32	0.3	2	1.5	25	23	28	CW	Power Module	JF06F007	18.0*8.7*2.2	
SFBN003020-P37	0.35	2	5	31	30	28	CW	Power Module	JF04F002	21.0*13.0*5.3	
SFBN003020-P40	0.35	2	10	36	36	28	CW	Power Module	JF04F002	21.0*13.0*5.3	
SFBN003020-P44-CW	0.35	2	25	40	32	28	CW	Power Module	JF06F016	27.4*30.8*5.0	
SFBN003020-P44-CW-1	0.35	2	25	40	32	28	CW	Power Module	JF06F031	22.4*25.5*5.0	
SFBN003020-P47	0.35	2	50	50	11	28	CW	Power Module	Plate	40.0*55.0*12.0	
SFBN003020-P50	0.35	2	100	50	9	28	CW	Power Module	Plate	74.4*42.0*16.0	
SFBN003020-P51	0.35	2	120	50	13	48	CW	Power Module	Plate	56.6*36.0*16.0	
SFBN003015-P52	0.38	1.45	150	50	12	28	CW	Power Module	Plate	81.0*50.0*12.0	
SFBN005025-P46	0.5	2.5	40	50	13	28	CW	Power Module	Plate	61.2*27.5*15.0	
SFBN005025-P53	0.5	2.5	200/120 (CW)	50	13	48	Pulse	Power Module	Plate	64.6*34.8*15.0	
SCN005030-P44-CW	0.5	3	25	40	11	28	CW	Inter-matched	JF04F007	21.7*24.2*4.7	
SCN005030-P49-CW	0.5	3	80	38	10	28	CW	Inter-matched	JF06F038	34.8*31.5*5.0	
SCN005060-P46-CW	0.5	6	40	30	6	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN007060-P44-CW	0.7	6	25	40	9	28	CW	Inter-matched	JF04F007	21.7*24.2*4.7	
SFBN008020-P40	0.8	2	10	50	26	28	CW	Power Module	JF04F002	21.0*13.0*5.3	
SCN008020-P44-CW	0.8	2	20	45	13.5	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	N/A
SCN008020-P46-A-CW	0.8	2	40	45	11	32	CW	Inter-matched	JF06F016	27.4*30.8*5.0	

Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN008020-P47-CW	0.8	2	50	50	10	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SFBN008020-P49-CW	0.8	2	80	58	11	28	CW	Power Module	Plate	61.8*33.4*15.0	
SCN008020-P50-CW	0.8	2	100	45	10	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN008020-P53	0.8	2	200	45	12	48	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN008020-P56	0.8	2	400	45	13	48	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SFBN008025-P43	0.8	2.5	20	45	13	28	CW	Power Module	C164-2	24.0*17.4*5.0	
SCN008040-P47-CW	0.8	4.2	50	40	10	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN008040-P49-CW	0.8	4.2	80	40	9	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN008040-P49-CW-1	0.8	4.2	80	45	11	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN008040-P52	0.8	4.2	150	35	9	48	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SFBN009020-P56	0.9	2	400	60	13	48	Pulse	Power Module	Plate	104.0*23.0*22.5	
SCN010020-P53	1	2	200	50	12	48	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN010025-P50-CW	1	2.5	100	45	10	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SFHN011017-P40-CW	1.1	1.7	10	35	36	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN020040-P47-CW	2	4	50	45	10	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN020040-P49	2	4	80	45	7	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN020040-P49-1-CW	2	4	80	45	10	32	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN020040-P50-CW	2	4	100	40	9	32	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN020040-P53	2	4	200	45	10	32	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SFHN020065-P32	2	6.5	1.5	35	17	28	CW	Power Module	JF06F007	18.0*8.7*2.2	
SFBN020060-P43-1	2	6	20	30	16	28	CW	Power Module	JF06F007	18.0*8.7*2.2	
SFHN020060-P45	2	6	30	30	18	28	CW	Power Module	JF06F007	18.0*8.7*2.2	
SCN020062-P46-CW	2	6.2	40	35	6	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN020062-P48-CW	2	6.2	60	35	8	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN020062-P49-CW	2	6.2	80	35	7	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SFPN020060-P49	2	6	80	35	15	28	Pulse	Power Plate	Plate	35.0*26.0*2.0	N/A
SFPN020062-P49	2	6.2	80	40	7	28	CW	Power Plate	Plate	22.6*24.0*2.0	
SCN020062-P51	2	6.2	120	35	9	40	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN020060-P53	2	6	200	35	10	48	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN027062-P44	2.7	6.2	25	30	8	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN027062-P49-CW	2.7	6.2	80	33	17	28	CW	Power Module	JF06F038	34.8*31.5*5.0	
SFPN027062-P51	2.7	6.2	120	40	8	28	Pulse	Power Plate	Plate	22.6*17.6*2.0	

Part Number	Low Freq. (GHZ)	High Freq. (GHZ)	Output Power (W)	PAE (%)	Gain (dB)	Voltage (V)	Mode	Type	Package	Dimension (mm)	Data Sheet
SCN020080-P47-CW	2	8	50	30	6	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN020080-P48-CW	2	8	60	35	7	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN040068-P48-CW	4	6.8	60	35	7	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SFBN040060-P50-CW	4	6	100	40	8	32	CW	Power Module	JF06F016	27.4*30.8*5.0	N/A
SCN040080-P44	4	8	25	30	8	48	Pulse	Inter-matched	C164-2	24.0*17.4*5.0	
SCN040080-P49-CW	4	8	80	35	7	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN040080-P52	4	8	150	35	9	48	Pulse	Inter-matched	JF06F016	27.4*30.8*5.0	
SFHN044066-P40	4.4	6.6	10	37	25	28	CW	Power Module	JF04F002	21.0*13.0*5.3	
SCN044066-P43	4.4	6.6	18	40	8	28	CW	Inter-matched	C164-2	24.0*17.4*5.0	
SCN044066-P49-CW	4.4	6.6	80	45	9	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN044066-P50-CW	4.4	6.7	100	45	9	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SCN044066-P51-CW	4.4	6.6	120	45	10	28	CW	Inter-matched	JF06F016	27.4*30.8*5.0	
SFBN080120-P42	8	12	15	30	20	28	Pulse	Power Module	JF06F007	18.0*8.7*2.2	
SFBN080120-P45	8	12	30	20	17	28	CW	Power Module	JY06F011	25.3*9.7*2.15	
SFBN080120-P46-CW	8	12	40	20	17	28	CW	Power Module	JF06F035	25.4*9.78*4.5	



CONTACT US

-  Address: Buliding 3-801,Zijin R&D Center,No.89 Shengli Road,Jiangning,Nanjing 211100,China
-  Tel: +86 (25) 52635773
-  Email: sales@sainty-tech.com
-  Fax: +86 (25) 52632557
-  Website: www.sainty-tech.com