NEDITEK

RF COMPONENT SELECTION GUIDE / 2024

NEDI Technology Co., Ltd

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GaN Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Vd (V)	Gp (dB)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDNC010203	0.3	2	33	28	20	0.36	26	28	0.13	1.6	CW	2.8×1.75×0.08
NDNC010001	0.3	2	33	28	20	0.36	26	28	0.13	1.6	CW	2.0×2.35×0.08
NDNC010002	0.3	2	40	28	13	0.9	40	17	0.55	2.5	CW	2.4×1.7×0.08
NDNC010003	0.3	2	43	48	26	1.2	45	35	0.66	1.7	CW	3.3×2.2×0.08
NDNC010004	0.3	6	33	48	15	0.37	15	17	0.18	1.6	CW	3.5×1.75×0.08
NDNC010206	0.3	6	46	48	20	2.5	25	33	1.4	2	CW	5.2×3.8×0.08
NDNC010005	0.3	6	46	48	20	2.5	25	33	1.4	2	CW	5.2×3.8×0.08
NDNC010006	0.5	4.2	34	28	23	0.45	22	27.5	0.25	2.5	CW	2×2.35×0.08
NDNC010007	0.8	2	43	48	26	1.2	45	35	0.7	1.7	CW	3.3×2.2×0.08
NDNC010008	0.8	2	44	48	26	1.2	45	35	0.8	1.7	CW	3.3×2.2×0.08
NDNC010010	1.2	1.4	27	28	24	0.19	20	26	0.15	2	CW	2.15×1.55×0.08
NDNC010011	1.2	1.4	44.3	28	26.3	1.52	63	10	0.1	1.12	PL	4.1×2.7×0.08
NDNC010013	1.9	2.5	43	28	23	1.3	55	34	0.9	1.3	CW	3.2×2.3×0.08
NDNC010015	2	4	46	28	21	3.5	40	28	2	1.8	CW	3.5×4.6×0.08
NDNC010212	2	6	27	28	12	0.08	27	12	0.066	2.2	CW	1.8×1.1×0.08
NDNC010016	2	6	37	28	22	0.65	35	30	0.44	1.5	CW	4.8×2.8×0.08
NDNC010017	2	6	41	28	18	1.5	38	30	0.6	2.5	CW	2.3×3.1×0.08
NDNC01027	2	6	43	28	15	2.6	35	25	2	2.5	CW	3.5×4.1×0.08
NDNC010020	2	6	44	28	20	3.1	33	28	2.5	2.5	CW	3.35×4.6×0.08
NDNC010214	2	6	44	28	19	3.5	33	31.5	2	1.5	CW	5.4×4.5×0.08
NDNC010021	2	6	44	28	19	3.5	35	30	2	1.8	CW	5.4×4.5×0.08
NDNC010022	2	6	44.5	28	20	3	35	35	2.2	2	CW	4.1×3.0×0.08
NDNC01111	2	6	45	28	21	3.5	38	27	2.5	2.5	CW	3.5×4.6×0.08
NDNC010024	2	6	45	28	18	4	35	26	2.4	1.6	CW	3.5×4.6×0.08
NDNC010025	2	6.5	33	28	17	0.3	38	23	0.2	2.5	CW	1.4×2.15×0.09
NDNC010026	2	6.5	36	28	17	0.6	40	28.5	0.4	2.5	CW	2.15×1.4×0.08
NDNC010027	2	6.5	44	28	19	3.2	35	27	2.5	2.5	CW	3.35×4.6×0.08
NDNC01084	2	8	44	28	16	4	30	22	2.5	2.5	CW	3.5×4.6×0.08
NDNC010029	2	8.5	33	28	21	0.36	30	26	0.26	2.5	CW	2.6×1.9×0.08
NDNC010030	2	12	28	28	23	0.4	10	24	0.3	2.2	CW	2.2×3.4×0.08
NDNC010031	2	12	42	28	16	2.7	22	23	1.8	2.2	CW	3.8×3.2×0.08
NDNC010032	2	18	27	28	15	0.6	15	23	0.4	2.5	CW	3.5×3.6×0.08
NDNC010028	2	18	31	28	16	0.6	10	28	0.55A	2	CW	3.5×2.2×0.08
NDNC010033	2	18	31	28	17	0.7	15	23	0.4	2	CW	3.5×2.2×0.08
NDNC010034	2	18	35	28	8	0.9	20	12	0.6	2.5	CW	3.3×1.8×0.08
NDNC01065	2	18	40	28	15	2.2	20	23	1.2	2.5	CW	3.5×4.8×0.08

GaN Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Vd (V)	Gp (dB)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDNC010036	2	18	40	28	15	2.2	20	23	1.2	2.5	CW	3.5×5.0×0.08
NDNC010037	2	20	40	28	8	1.5	17	10	0.9	2.5	CW	5.0×2.2×0.08
NDNC010039	2.7	3.5	36	28	22	0.32	50	30	0.22	1.5	CW	3.1×2.2×0.08
NDNC010221	2.7	3.5	36.3	36	16	0.2	57	8	0	1.3	PL	3.3×2.3×0.08
NDNC010040	2.7	3.5	42	28	24	1.1	52	31	0.7	1.5	CW	3.2×2.3×0.08
NDNC010042	2.7	3.5	43	28	24	1.4	53	35	0.75	1.2	PL	3.3×2.3×0.08
NDNC010043	2.7	3.5	46	48	26	1.65	48	33	0.7	1.2	PL	3.2×2.3×0.08
NDNC010044	2.7	3.5	47	28	25	4.2	50	32	2.6	1.8	CW	4.4×5.6×0.08
NDNC010045	2.7	6.2	42	28	21	2.4	32	33	1.2	2	CW	5.4×4.5×0.08
NDNC010047	2.7	6.2	43	28	20	3	32	33	1.7	2	CW	5.4×4.5×0.08
NDNC010049	2.7	6.2	44	28	21	3.5	32	33	2	2	CW	5.4×4.5×0.08
NDNC010051	2.7	6.2	45	28	20	3.5	35	30	2.5	2.5	CW	3.5×4.6×0.08
NDNC010226	3.7	4.2	40.5	28	24	0.7	58	31	0.15	1.1	CW	3.3×1.8×0.08
NDNC010052	4	6	46.5	28	21	3.3	47	28	1.8	1.5	CW	4.0×4.6×0.08
NDNC010053	4	8	47	28	18	6	40	23	4.3	1.6	CW	3.6×5.6×0.08
NDNC010054	4	10	44	28	21	3.1	38	33	3.1	1.5	CW	3.8×3.1×0.08
NDNC010055	5	6	27	28	21	0.18	20	25	0.15	2	CW	1.8×1.3×0.08
NDNC010056	5	6	37	28	22	0.33	60	28	0.2	1.2	CW	2.6×2.0×0.08
NDNC010057	5	6	37	28	22	0.33	60	28	0.2	1.2	CW	2.6×2.0×0.08
NDNC010058	5	6	40	28	16	0.8	50	25	0.7	1.2	CW	3.2×2.3×0.08
NDNC010060	5	6	41	28	17	0.85	53	26	0.7	1.2	CW	3.2×2.3×0.08
NDNC010231	5	6	41.5	28	21	0.95	55	27	0.65	1.3	CW	2.2×1.6×0.08
NDNC010061	5	6	42	28	17	1.1	50	22	0.8	1.2	CW	3.3×2.3×0.08
NDNC010063	5	6	42.5	28	23.5	1.2	56	32.5	0.9	1.3	PL	3.4×2.3×0.08
NDNC010064	5	6	44.5	28	24.5	2.2	50	31	1.4	1.7	PL	3.6×3.4×0.08
NDNC010065	5	6	45.5	28	23.5	2.3	58	29.5	1.6	1.8	PL	3.5×2.5×0.08
NDNC010066	5	6	47	28	25	3.1	62	33	2.1	1.3	CW	3.1×3.9×0.08
NDNC010238	5	6	48	28	23.5	2.3	58	29.5	1.6	1.8	PL	3.5×2.5×0.08
NDNC010239	5	6	48.5	28	25.5	5.5	53	32	3.5	1.2	PL	3.7×5.5×0.08
NDNC010068	5	7	45	28	25	2	59	33	1.4	1.6	CW	3.0×3.0×0.08
NDNC010069	5	9	42	28	20	1.2	52	32	1	2.5	CW	2.0×3.5×0.08
NDNC010070	5	9	43	28	24	1.4	50	30	1	3	CW	2.0×3.5×0.08
NDNC010071	5	11	46	28	20	4	38	33	2.5	2.5	CW	4.0×4.6×0.08
NDNC010072	5	12	42	28	20	2	38	30	1	2.5	CW	3.65×2.4×0.08
NDNC010073	5	14	42	28	20	2	38	30	1	2.5	CW	3.65×2.4×0.08
NDNC010074	5.2	6	44	28	17	1.7	53	27	1.4	1.5	CW	3.2×3.0×0.08

GaN Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Vd (V)	Gp (dB)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDNC010075	6	18	22	28	8	0.05	/	11	0.05	2.5	CW	1.3×1.5×0.08
NDNC010247	6	18	23	28	6	0.09	10	6	0.085	1.8	CW	1.5×1.25×0.08
NDNC010077	6	18	26	28	20	0.18	/	22	0.1	2.5	CW	1.45×2.4×0.08
NDNC010248	6	18	31	28	13	0.22	24	20	0.11	2	CW	2.0×1.9×0.08
NDNC010249	6	18	31	28	13	0.22	24	20	0.11	2	CW	2.0×1.9×0.08
NDNC010078	6	18	35	28	18	0.5	28	25	0.4	2.5	CW	2.0×3.0×0.08
NDNC010082	6	18	38	28	16	1.2	24	28	0.8	2.5	CW	3.0×2.4×0.08
NDNC010252	6	18	38	28	18	1.1	26	28	0.7	2.5	CW	3.0×1.8×0.08
NDNC01053-1	6	18	41	28	16	2.3	25	28	1.5	2.5	CW	3.55×3.5×0.08
NDNC010085	6	18	41	28	18	2.3	25	28	1	1.5	PL	4.0×2.0×0.08
NDNC010086	6	18	41	28	18	4.3	25	28	2	1.5	PL	4.1×4.4×0.08
NDNC010087	6	18	42.5	28	18	3.8	22	30	2	2.5	CW	4.5×5.2×0.08
NDNC010088	6	18	43.5	28	18	4.2	22	30	2.5	2.5	CW	4.5×5.2×0.08
NDNC01088	7	8.5	41	28	23	1.1	47	33	0.8	1.8	CW	3.2×2.5×0.08
NDNC010090	7	11	29	28	20	0.17	20	24	0.14	2	CW	2.2×1.4×0.08
NDNC010091	7	11	29	28	20	0.18	20	22	0.17	2.5	CW	2.2×1.4×0.08
NDNC010092	7	11	47	28	19	5	48	29	2.8	1.6	PL	3.5×5.3×0.08
NDNC010093	7	13	25	28	6	0.01	10	7	0.08	2.5	CW	1.35×1.35×0.08
NDNC010094	7	13	40	28	21	1.3	40	32	0.88	1.6	PL	3.5×2.0×0.08
NDNC010095	7	13	45	28	20	3.1	42	35	1.7	2	PL	3.5×3.4×0.08
NDNC010260	7	13	46	28	24	3.5	45	35	1.8	2.5	PL	3.7×3.6×0.08
NDNC01089	8	9	48	28	21	5.5	48	30	0.14	2	PL	4.0×3.5×0.08
NDNC010261	8	9	48	28	22	5.5	48	25	3.5	2	PL	4.0×3.7×0.08
NDNC010098	8	12	27	28	19	0.13	25	22	0.1	2	CW	1.8×1.4×0.08
NDNC01092	8	12	27	28	15	0.16	15	18	0.15	2	CW	1.9×1.4×0.08
NDNC010100	8	12	27	28	21	0.18	20	26	0.16	2	CW	2.2×1.4×0.08
NDNC010101	8	12	29.5	28	11.8	0.16	22	19	0.15	1.4	CW	2.0×1.5×0.08
NDNC01091	8	12	37.5	28	16.5	0.5	45	23	0.3	2	PL	2.6×1.1×0.08
NDNC010103	8	12	38.5	28	16.5	0.55	49	27	0.45	1.8	CW	2.8×1.9×0.08
NDNC010104	8	12	40.5	28	20	1	42	33	0.6	1.5	PL	2.8×1.5×0.08
NDNC010105	8	12	41	28	21	1.2	45	33	0.6	2	CW	2.5×1.6×0.08
NDNC010106	8	12	41.8	28	23.8	1.35	45	31	0.8	2	PL	2.8×1.6×0.08
NDNC010265	8	12	42	28	22	1.3	45	32	0.7	1.3	PL	2.8×1.6×0.08
NDNC01042	8	12	42.5	28	21	1.6	49	30	1	2	PL	2.4×2.2×0.08
NDNC010110	8	12	43.5	28	22	2.4	50	33	1.2	2	PL	2.8×2.4×0.08
NDNC010112	8	12	44.5	28	23	2.1	52	31	1.2	1.5	CW	2.5×2.7×0.08

GaN Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Vd (V)	Gp (dB)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDNC010115	8	12	45.5	28	22.5	3	45	32	1.2	2	PL	3.8×3.0×0.08
NDNC010116	8	12	46	28	21	3.1	47	36	2	1.5	PL	3.7×3.1×0.08
NDNC01047	8	12	48	28	20	5.5	48	30	3	1.8	CW	3.5×5.3×0.08
NDNC010270	8	12	48	28	20	6.5	40	32	3.5	1.2	CW	4.0×6.0×0.08
NDNC010118	8	18	30	28	26	0.3	/	29	0.2	2.5	PL	2.4×1.45×0.08
NDNC010119	8	18	43	28	20	3	27	28	2	1.6	PL	3.4×2.63×0.08
NDNC010273	8	18	43	28	20	3	27	28	2	1.6	PL	3.4×2.63×0.08
NDNC010121	8.5	10.5	28	28	16	0.14	18	19	0.13	1.2	CW	2.0×1.4×0.08
NDNC010122	8.5	10.5	29	28	12	0.14	18	17	0.13	1.1	CW	2.0×1.4×0.08
NDNC01093	8.5	10.5	44.5	28	23.5	2.3	51	32	1.3	1.5	PL	2.9×2.8×0.08
NDNC010124	8.5	16	26	28	15	0.13	30	17	0.12	1.7	PL	1.8×1.2×0.08
NDNC010125	9	10	35	24	26	0.3	53	30	0.2	1.5	PL	2.3×1.4×0.08
NDNC010127	9	10	40.5	24	22.5	1	50	30	0.6	2	CW	2.5×1.6×0.08
NDNC010281	9	10	41	24	23	1	50	28	0.5	2	PL	2.5×1.6×0.08
NDNC010279	9	10	41.5	24	17.5	1	64	-15	0.05	2	PL	3.2×2.4×0.08
NDNC010282	9	10	42.5	24	22	1.5	55	32	0.9	1.2	PL	2.4×2.5×0.08
NDNC010283	9	10	42.5	24	23.5	1.8	56	33	0.06	1.3	PL	2.4×2.5×0.08
NDNC010285	9	10	44.5	28	23.5	2	52	31	1.2	1.5	PL	2.9×2.8×0.08
NDNC010129	9	10	44.5	28	23.5	2	52	31	1.2	1.5	PL	2.9×2.8×0.08
NDNC010130	9	10	45	28	23	2.5	52	30	2.4	1.2	PL	2.9×2.8×0.08
NDNC010131	9	10	46	28	24	3	51	31	2	1.5	PL	3.0×3.0×0.08
NDNC010132	9	13	46	28	22	3	47	34	1.2	2.5	CW	2.92×3.8×0.08
NDNC010293	10	15	29	24	24	0.13	25	33	0.096	1.8	CW	3.2×1.2×0.08
NDNC010295	10	15	42	24	22	2	33	31	1.18	2	CW	3.2×5.1×0.08
NDNC010294	10	15	42.5	24	22.5	2.4	33	31	1.6	2	CW	3.2×5.1×0.08
NDNC010133	10	18	26	28	16	0.15	15	22	0.14	2	CW	1.8×1.5×0.08
NDNC010134	10	18	27	28	15	0.22	15	20	0.2	2	CW	2.2×1.2×0.08
NDNC010135	10	18	28	28	16	0.22	15	20	0.2	2.2	CW	1.8×1.5×0.08
NDNC01011	10	18	43	28	20	3	33	30	2	2.5	PL	3.0×3.3×0.08
NDNC010304	10	18	43	28	20	3	33	30	2	2.5	PL	3.0×3.3×0.08
NDNC010137	10	18	44	28	19	3.5	33	30	2	2.5	PL	3.0×3.3×0.08
NDNC010138	10	18	44	28	19	2.5	35	30	2	2	CW	3.1×3.4×0.08
NDNC010298	11	12	48	28	24	6.2	40	31	4.5	1.2	PL	3.6×5.3×0.08
NDNC010139	12	18	47	28	20	6.5	36	30	4	2.5	PL	3.4×5.7×0.08
NDNC010300	13	15.5	42	28	22	1.6	40	30	1.2	2.5	CW	3.0×3.0×0.08
NDNC01172	13	15.5	46	28	22	4	38	29	1.1	2.5	CW	3.5×5.3×0.08

GaN Power Amplifier

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NDNC010302	14	18	42	28	22	1.9	34	30	1.1	2.5	PL	3.05×1.9×0.08
NDNC010303	14	18	42	28	22.5	2	40	30	1.3	2.5	PL	3.30×3.20×0.08
NDNC010141	14	18	43.5	28	22	2.7	40	33	1.8	2	PL	2.75×2.5×0.08
NDNC010142	14	18	44	28	21	3	35	28	2	2.5	CW	3.0×3.3×0.08
NDNC01072	14	18	47	28	20	6	38	29	3.5	2	CW	3.4×5.6×0.08
NDNC010144	14.5	17.5	42	28	21	1.7	38	32	0.55	1.6	PL	2.3×1.9×0.08
NDNC010148	15	17	44	28	22	2.3	42	30	1.3	1.2	PL	2.8×2.6×0.08
NDNC010150	15	18	47.5	28	20.5	6	40	32	3.5	2.5	PL	3.4×5.7×0.08
NDNC010153	16	17.5	43	24	22	2.4	45	31	1.2	2	PL	2.8×2.6×0.08
NDNC010308	16	17.5	43	28	22	2.4	45	31	1.2	2	PL	2.9×2.6×0.08
NDNC010309	16	18	28	28	18	0.18	15	21	0.17	2.5	PL	2.18×1.5×0.08
NDNC010310	16	18	28	28	18	0.18	15	21	0.17	2.5	PL	2.18×1.5×0.08
NDNC010155	17.5	20	34.5	20	16.5	0.34	45	24	0.2	2	CW	2.1×1.0×0.05
NDNC010312	17.5	20	40.5	20	18.5	1.25	44	28	0.7	1.6	CW	4.2×1.8×0.05
NDNC010313	17.5	20	42	20	17	1.9	42	25	1.2	1.8	CW	4.2×3×0.05
NDNC010156	17.9	18.1	38.5	20	20.5	0.95	42	32	0.6	2	CW	2.8×2.0×0.05
NDNC010157	18	26.5	41.5	20	16.5	3.2	29	24	1.6	2	CW	4.2×3.0×0.05
NDNC010315	19.5	21.5	35.5	18/20	18.5	0.38	50	24	0.25	1.6	CW	2.3×1.3×0.05
NDNC010162	19.5	21.5	35.5	20	18.5	0.39	45	27	0.15	2	CW	2.4×1.3×0.05
NDNC010163	19.5	21.5	36.5	20/22	18.5	0.5	47	24	0.3	1.8	CW	2.1×1.3×0.05
NDNC010164	19.5	21.5	37	20/22	19	0.62	45	24	0.4	1.8	CW	2.1×1.3×0.05
NDNC010165	20	22	42.5	20	20.5	2.6	40	30	1.2	1.2	PL	4.2×3.0×0.05
NDNC010316	21	21.8	44	28	21	5	30	25	2.7	2.8	PL	3.84×5.1×0.05
NDNC010202	22.4	25	41.5	24	22.5	1.8	38	28	0.8	2.5	CW	2.8×2.3×0.05
NDNC010317	22.5	25	41	20	22	1.7	40	30	1	2	CW	2.8×2.3×0.05
NDNC010166	24	27.5	34	20	17	0.46	33	15	0.13	1.5	CW	2.1×1.0×0.05
NDNC010200	24	28	33	20	23	0.35	35	28	0.26	1.8	CW	2.8×1×0.05
NDNC010168	26	40	40	20	11	3	17	16	2	2	CW	2.8×5.6×0.08
NDNC010169	31	36	39	24	15	1.5	29	22	0.8	1.6	CW	3.5×1.6×0.05
NDNC010170	32	33	28	20	20	0.18	22	22	0.15	2	CW	3.1×1.7×0.05
NDNC010171	32	38	30	22	16	0.4	25	20	0.33	2	CW	3.2×1.6×0.05
NDNC010328	32	38	39	24	18	1.2	28	25	0.8	2.5	CW	3.6×2×0.05
NDNC010174	32	38	41	24	16	2.6	28	25	1.2	2.5	CW	2.8×3.4×0.08
NDNC010180	33	37	39	24	18	1.6	24	23	0.8	1.5	CW	3.5×2.5×0.05
NDNC010331	33	37	41	24	16	2.6	28	25	1.2	2.5	CW	2.8×3.4×0.08
NDNC010181	33	37	43.5	24	15.5	5	24	20	3	2	PL	3.6×6.2×0.08

GaN Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Vd (V)	Gp (dB)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDNC010332	37	42.5	39	24	10	3.5	15	20	2	2	CW	3.5×4.0×0.08
NDNC010183	38.5	42.5	30	20	14	0.28	20	20	0.22	2	CW	2.6×1.2×0.05
NDNC010184	40	67	33.5	15	11.5	1.4	12	21	0.87	2	CW	3.8×3.2×0.05
NDNC010337	40	67	36	15	11	2.5	9	18	1.8	2	CW	3.8×3.5×0.05
NDNC010185	40	67	36	15	11	2.5	9	18	1.8	2	CW	3.8×3.5×0.05
NDNC010186	40	75	33	15	11	1.4	10	18	1.1	1.5	CW	4.8×3.2×0.05
NDNC010340	47	52	24	15	18	0.15	15	22	0.12	1.6	CW	2.4×1.1×0.05
NDNC010341	47	52	30.5	15	15.5	0.4	20	22	0.28	2	CW	2.4×1.5×0.05
NDNC010342	47	52	37	20	12	1.2	24	15	0.3	1.8	CW	3.1×1.9×0.05
NDNC010187	50	75	25	15	12.6	0.18	12.8	19.4	0.14	5.1	CW	1.7×1.0×0.05
NDNC010188	50	75	28.5	15	11.5	0.29	15.3	21.8	0.22	3.2	CW	3.3×1.3×0.05
NDNC010344	50	75	31.1	15	11.1	0.59	13.4	17.8	0.35	4	CW	3.8×1.7×0.05
NDNC010345	50	75	35.6	15	9.6	2.65	8.2	14	2.16	2.5	CW	5.4×3.8×0.05

GaN High Linear Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Vd (V)	Gp (dB)	Id (A)	PAE (%)	Linear Gain (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDNC040025	1	8	40.0	28	22.0	1.2	35.0	30.0	0.8	2.0	CW	3.3×3.5×0.08
NDNC040026	1.2	1.4	43.0	40	25.0	0.9	50.0	33.0	0.2	1.4	PL	4.6×2.55×0.08
NDNC040028	2.0	4.0	29.0	28	23.0	0.1	27.0	26.0	0.1	1.5	CW	2.35×2×0.08
NDNC040001	2.7	3.5	44.0	36	24.0	1.4	55.0	26.0	0.3	2.0	CW	3.6×2.7×0.08
NDNC040032	2.7	3.5	50.5	40	21.5	5.7	51.0	30.0	2.9	1.6	PL	5.6×4.4×0.08
NDNC040002	3.7	4.2	37.0	28	19.0	0.4	50.0	27.0	0.1	2.0	CW	2.36×1.41×0.08
NDNC040003	3.7	4.2	39.0	28	20.0	0.5	55.0	28.0	0.1	2.0	CW	2.36×1.41×0.08
NDNC040035	5	6.5	30.5	28	24.5	0.1	39.0	31.4	0.1	1.7	CW	1.8×1.3×0.08
NDNC040036	5.4	5.8	33.7	20	20.7	0.2	48.5	23.6	0.0	1.4	CW	2.6×2.0×0.08
NDNC040037	6.9	7.4	33.3	20	20.3	0.2	48.0	24.4	0.0	1.5	CW	2.6×2.0×0.08
NDNC040027	14.5	17.5	42.0	28	21.0	1.8	38.0	32.0	0.9	2.0	PL	2.3×1.9×0.08
NDNC040042	15	17	39.0	20	21.0	0.9	44.0	32.0	0.6	1.6	PL	2.3×1.3×0.08
NDNC040043	15	17	40.0	24	22.0	1.0	42.0	31.0	0.7	2.0	PL	2.3×1.3×0.08
NDNC040045	15	17	41.0	28	22.0	1.1	47.0	32.0	0.8	1.5	PL	2.25×1.8×0.08
NDNC040006	17.5	21	36.7	20	10.7	0.6	40.0	26.0	0.4	1.5	CW	3.05×1.5×0.05
NDNC040050	18	40	31.0	20	20.0	0.6	18.0	20.0	0.5	2.5	CW	2.8×1.2×0.05
NDNC040051	18	40	31.0	20	16.0	0.6	18.0	20.0	0.5	3.5	CW	2.8×1.2×0.05
NDNC040052	18	40	38.0	20	13.0	1.9	20.0	20.0	1.3	2.5	CW	3.2×1.9×0.05
NDNC040053	18	40	39.0	20	13.0	3.2	20.0	22.0	2.2	2.5	CW	3.3×2.8×0.05
NDNC040012	25	31	38.0	20	18.0	1.3	29.0	23.0	0.5	2.0	CW	3.25×1.74×0.05
NDNC040060	25	31	40.5	20	16.5	2.5	27.0	22.0	1.0	2.0	CW	3.6×3.3×0.05
NDNC040014	25	31	40.5	20	16.5	2.5	27.0	22.0	1.0	2.0	CW	3.6×3.3×0.05
NDNC040013	25	31	41.5	20	16.0	2.8	35.0	23.0	1.5	2.0	CW	3.3×3.3×0.05
NDNC040063	25	31	42.5	20	18.8	2.8	30.0	-	1.5	2.5	CW	3.3×3.3×0.05
NDNC040008	25	31	42.5	20	12.0	3.5	25.0	20.0	1.4	2.2	CW	3.7×3.7×0.05
NDNC040015	27	31	41.0	20	17.0	2.6	29.0	22.0	1.0	2.0	CW	3.6×3.3×0.05
NDNC040016	27	32	39.5	20	16.0	1.8	28.0	22.0	1.0	2.0	CW	3.6×3.3×0.05
NDNC040074	29	33	40.0	20	15.0	2.6	23.0	22.0	1.0	2.0	CW	3.6×3.3×0.05
NDNC040075	33	37	38.5	22	17.5	1.3	24.0	24.5	0.8	1.6	CW	3.5×2.5×0.05
NDNC040018	37	42	40.0	20	14.0	2.5	26.0	18.0	0.5	3.0	CW	3.0×3.0×0.05
NDNC040080	37	43	37.0	20	12.0	1.4	25.0	24.0	1.0	2.0	CW	3.2×2.0×0.05

GaN RF Switch

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	Return Loss (dB)	Pin-0.3 (dBm)	VSWR	Switch Time (ns)	Control Voltage	Dimension (mm)
NDNC020094	SP4T	0.1	1	0.6	32	-18	57	1.3	20	0/-40V	1.95×3.5×0.08
NDNC020001	SPDT	0.1	1.5	1	35	-11	60	1.8	20	0/±40V	6.3×2.1×0.08
NDNC020090	SP3T	0.1	2	0.6	35	-16	51.5	1.4	20	0/-40V	3.0×1.5×0.08
NDNC020003	SPDT	0.1	2	0.8	55	-18	45	1.3	20	0/-40V	2.1×1.5×0.08
NDNC020002	SPDT	0.1	2	0.8	25	-14	57	1.5	20	0/±40V	2.9×1.05×0.08
NDNC020098	DPDT	0.1	2	0.35/0.8	32	-18	47.5	1.3	20	0/-40V	3.0×1.5×0.08
NDNC020004	SPDT	0.1	3	0.4	30	-21	46.5	1.2	20	0/-40V	1.2×0.82×0.08
NDNC020005	SPDT	0.1	3	0.6	39	-18	49	1.3	20	0/-40V	1.19×0.9×0.08
NDNC020091	SP3T	0.1	3	0.8	40	-16	51	1.4	20	0/-40V	1.95×1.7×0.08
NDNC020006	SPDT	0.1	6	0.8	38	-14	48	1.5	20	0/-40V	1.6×0.85×0.08
NDNC020008	SPDT	0.1	6	1.1	45	-14	53	1.5	20	0/-40V	2.2×1.1×0.08
NDNC020009	SPDT	0.1	6	1.2	50	-15	45	1.45	20	0/-40V	2.1×1.5×0.08
NDNC020007	SPDT	0.1	6	1.2	40	-18	48	1.3	20	0/-40V	1.8×0.9×0.08
NDNC020095	SP4T	0.1	6	1.5	32	-11	47	1.8	20	0/-40V	2.2×1.63×0.08
NDNC020011	SPDT	0.1	6.5	1	35	-11	51	1.8	20	0/-40V	2.2×1.1×0.08
NDNC020010	SPDT	0.1	6.5	1.2	35	-11	52	1.8	20	0/-40V	2.2×1.1×0.08
NDNC020012	SPDT	0.1	7	0.4	30	-21	46	1.2	20	0/-40V	1.2×0.82×0.08
NDNC020013	SPDT	0.1	7	0.8	30	-18	51	1.3	20	0/-40V	2.2×1.1×0.08
NDNC020014	SPDT	0.1	7	1	30	-18	52	1.3	20	0/-40V	2.2×1.1×0.08
NDNC02056	SPDT	0.1	10	1	35	-14	46	1.5	20	0/±40V	2.0×1.0×0.08
NDNC020015	SPDT	0.1	12	1	40	-11	44	1.8	20	0/-40V	1.8×0.82×0.08
NDNC020016	SPDT	0.1	12	1.3	40	-11	52	1.8	20	0/-40V	2.2×1.6×0.08
NDNC020017	SPDT	0.1	18	0.8	35	-21	38	1.2	20	0/-40V	1.2×0.82×0.08
NDNC020019	SPDT	0.1	18	1.2	35	-16	40	1.4	20	0/-40V	1.45×0.9×0.08
NDNC02042	SPDT	0.1	18	1.3	35	-18	43	1.4	20	0/-40V	1.25×1.45×0.08
NDNC020092	SP3T	0.1	18	1.5	55	-11	42	1.8	20	0/-40V	2.0×1.7×0.08
NDNC020018	SPDT	0.1	18	1.5	35	-11	44	1.8	20	0/-40V	1.8×0.82×0.08
NDNC020021	SPDT	0.1	18	1.6	45	-10	47	2	20	0/-40V	1.8×1.1×0.08
NDNC020096	SP4T	0.1	18	1.8	45	-10	41.5	2	20	0/-40V	1.8×1.63×0.08
NDNC020093	SP3T	0.1	18	2	50	-10	42	2	20	0/-40V	2.0×1.7×0.08
NDNC020022	SPDT	0.1	18	2	35	-10	49	2	20	0/-40V	1.8×1.1×0.08
NDNC020086	SPST	0.1	20	0.8	27	-18	51	1.3	20	0/-40V	2.9×1.05×0.08
NDNC020087	SPST	0.1	20	1.1	40	-14	45	1.5	20	0/-40V	2.0×1.05×0.08
NDNC02057	SPDT	0.1	20	1.5	30	-14	42	1.5	20	0/±40V	2.0×1.0×0.08
NDNC020023	SPDT	0.1	20	1.8	38	-12	45	1.7	20	0/-40V	2×1.55×0.08
NDNC020097	SP4T	0.1	20	2.4/2.8	35	-8	45	2.5	50	0/-40V	2.0×2.15×0.08
NDNC020024	SPDT	0.1	25	1.8	28	-14	43	1.5	20	0/-40V	2.0×1.0×0.08

GaN RF Switch

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	Return Loss (dB)	Pin-0.3 (dBm)	VSWR	Switch Time (ns)	Control Voltage	Dimension (mm)
NDNC020025	SPDT	0.1	30	1.5	30	-14	34	1.5	20	0/-40V	1.4×1.0×0.08
NDNC020026	SPDT	0.1	40	1.8	30	-18	30	1.3	20	0/-40V	1.4×1.0×0.08
NDNC020027	SPDT	0.1	50	2	35	-14	47	1.5	20	0/-40V	1.4×1.1×0.05
NDNC020028	SPDT	0.1	50	2	35	-14	47	1.5	20	0/-40V	1.4×1.1×0.05
NDNC020088	SPST	0.1	110	1.2	20	-14	> 33	1.5	20	0/-15V	0.85×0.65×0.05
NDNC02058	SPDT	0.3	2	0.8	40	-13	55	1.6	20	0/-40V	1.95×1.7×0.08
NDNC020029	SPDT	0.3	3	1.4	26	-11	56	1.8	20	0/-40V	1.95×1.7×0.08
NDNC02060	SPDT	0.5	2	0.6	35	-16	54	1.4	20	0/-40V	1.95×1.25×0.08
NDNC02059	SPDT	0.5	2.5	0.6	35	-18	52	1.3	20	0/-40V	1.9×0.9×0.08
NDNC020030	SPDT	1.2	1.4	0.35	38	-18	48	1.3	20	0/-40V	1.3×1.15×0.08
NDNC020031	SPDT	1.7	1.9	0.9	38	-21	50	1.2	20	0/-40V	3.0×2.1×0.08
NDNC020034	SP3T	2	6	1	50	-15	48	1.5	20	0/-40V	2.3×2.1×0.08
NDNC020032	SPDT	2	6	1	65	-21	51	1.2	20	0/-40V	3.6×2.4×0.08
NDNC020033	SPDT	2	6	1.1	55	-20	52	1.3	20	0/-40V	3.6×2.4×0.08
NDNC020099	DPDT	2	6	1.8	50	-21	51	1.2	20	0/-40V	4.6×4.0×0.08
NDNC020035	SP3T	2	18	2	40	-13	47	1.6	20	0/-40V	2.0×1.7×0.08
NDNC020036	SPDT	2.7	3.5	0.7	30	-15	52	1.45	20	0/-40V	3.0×2.2×0.08
NDNC020037	SPDT	2.7	3.5	0.85	50	-15	49	1.45	20	0/±40V	2.4×1.6×0.08
NDNC020038	SPDT	2.7	3.5	1	36	-14	48.5	1.5	20	0/-40V	3.0×2.1×0.08
NDNC020040	SPDT	5	6	0.65	32	-21	51	1.2	20	0/-40V	3.0×2.2×0.08
NDNC020039	SPDT	5	6	0.75	28	-21	52	1.2	20	0/-40V	3.0×2.2×0.08
NDNC020041	SPDT	5	6	0.8	34	-14	49	1.5	20	0/±40V	2.4×2.4×0.08
NDNC020044	SPDT	5	6	1.3	33	-15	49.5	1.45	20	0/-40V	3.0×2.1×0.08
NDNC020042	SPDT	5	7	0.9	30	-14	53	1.5	20	0/-40V	3.2×2.2×0.08
NDNC020043	SPDT	5	9	0.75	37	-21	52	1.2	20	0/-40V	2.4×2.4×0.08
NDNC02061	SPDT	5	14	0.9	45	-18	48.5	1.3	20	0/-40V	2.5×1.5×0.08
NDNC020045	SPDT	6	18	1	42	-11	48	1.8	20	0/-40V	3.0×1.5×0.08
NDNC020046	SPDT	6	18	1.2	42	-11	50	1.8	20	0/-40V	3.0×1.5×0.08
NDNC02062	SPDT	6	18	1.4	45	-16	47	1.4	20	0/-40V	2.5×1.5×0.08
NDNC02064	SPDT	7	13	0.75	40	-21	47.5	1.2	20	0/-40V	2.5×1.5×0.08
NDNC02063	SPDT	7	13	0.8	38	-21	48	1.2	20	0/-40V	2.5×1.5×0.08
NDNC02040	SPDT	8	12	0.6	40	-18	46	1.3	20	0/-40V	1.8×1.45×0.08
NDNC020047	SPDT	8	12	0.65	36	-21	46	1.2	20	0/-40V	2.15×2.0×0.08
NDNC020101	SPDT	8	12	0.7	35		48	1.3	20	0/-40V	2.7×2.3×0.08
NDNC02039	SPDT	8	12	0.75	30	-18	47	1.3	20	0/-40V	1.8×1.45×0.08
NDNC020048	SPDT	8	12	0.8	40	-18	47	1.3	20	0/±28V	2.4×2.2×0.08
NDNC020049	SPDT	8	12	0.8	30	-20	52	1.3	20	0/-40V	2.8×2.35×0.08

GaN RF Switch

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	Return Loss (dB)	Pin-0.3 (dBm)	VSWR	Switch Time (ns)	Control Voltage	Dimension (mm)
NDNC020050	SPDT	8	12	1	28	-14	53	1.5	20	0/-40V	2.8×2.2×0.08
NDNC020102	SPDT	8	18	0.85	33		47	1.3	20	0/-40V	1.65×3.2×0.08
NDNC020051	SPDT	8	18	1	30	-14	46.5	1.5	20	0/-40V	2.0×1.0×0.08
NDNC020053	SPDT	9	10	0.65	38	-17	51	1.35	20	0/-40V	3.0×2.2×0.08
NDNC020052	SPDT	9	10	0.75	30	-16	52	1.4	20	0/-40V	3.0×2.2×0.08
NDNC020055	SPDT	10	18	1.1	25	-13	53	1.6	20	0/-40V	2.7×2.2×0.08
NDNC020056	SPDT	10	18	1.2	46	-18	44	1.3	20	0/-40V	2.0×2.15×0.08
NDNC020054	SPDT	10	18	0.7/1.2	20/28	1.3	47/42	1.6/2	20	0/-40V	1.8×0.85×0.08
NDNC020057	SPDT	10	20	0.8	38	-14	45.5	1.5	20	0/-40V	2.0×1.0×0.08
NDNC020058	SPDT	10	21	1	30	-14	45	1.5	20	0/±40V	2×1×0.08
NDNC020059	SPDT	10	23	1	28	-14	46.5	1.5	20	0/-40V	2.0×1.0×0.08
NDNC020060	SPDT	10	36	0.8	38	-14	45	1.5	20	0/-40V	1.9×3.0×0.08
NDNC02020	SPDT	12	18	0.6	30	-14	40	1.5	20	0/-40V	1.8×1.19×0.08
NDNC02043	SPDT	12	18	0.8	38	-14	44	1.5	20	0/-40V	1.8×0.95×0.08
NDNC020061	SPDT	13	15	0.75	35	-19	45	1.25	20	0/-40V	2.5×2.2×0.08
NDNC020062	SPDT	13	17	0.9	29	-16	47	1.4	20	0/-40V	2.5×2.2×0.08
NDNC020064	SPDT	14	18	0.9	30	-15	47	1.45	20	0/±40V	2.4×2.4×0.08
NDNC020063	SPDT	14	18	1	25	-14	53	1.5	20	0/-40V	2.2×1.3×0.08
NDNC020065	SPDT	14	40	0.8	40	-14	43	1.5	20	0/-40V	2.3×1.7×0.08
NDNC02026	SPDT	15	18	0.9	40	-14	43	1.5	20	0/-40V	1.8×0.87×0.08
NDNC020066	SPDT	17	19	0.85	45	-16	46	1.4	20	0/-40V	3.0×2.2×0.08
NDNC020067	SPDT	18	22	0.9	50	-18	46	1.3	20	0/-40V	2.5×2.2×0.08
NDNC020068	SPDT	18	24	1.3	45	-16	43	1.4	20	0/-40V	2.4×2.0×0.08
NDNC020070	SPDT	18	40	1	48	-13	43	1.6	20	0/-40V	2.9×1.05×0.08
NDNC020071	SPDT	18	44	1	45	-14	40	1.5	20	0/-40V	1.7×1.5×0.08
NDNC020072	SPDT	19	23	0.9	28	-18	46	1.3	20	0/±40V	2.4×2.4×0.08
NDNC020073	SPDT	20	21	0.9	50	-16	47	1.4	20	0/-40V	2.5×2.2×0.08
NDNC020074	SPDT	25	55	1	38	-16	42	1.4	20	0/-40V	2.4×1.7×0.08
NDNC02075	SPDT	28	38	1.2	30	-16	41	1.4	20	0/-40V	1.5×0.85×0.08
NDNC020077	SPDT	28	40	1.2	23	-16	44	1.4	20	0/-40V	1.5×0.85×0.08
NDNC020078	SPDT	29	31	0.9	25	-18	41	1.3	20	0/±40V	2.4×1.4×0.08
NDNC02077	SPDT	29	36	1.5	30	-16	40	1.4	20	0/±40V	1.5×0.85×0.08
NDNC02078	SPDT	30	37	1.4	30	-16	40	1.4	20	0/±40V	1.5×0.85×0.08
NDNC020079	SPDT	30	40	0.9	30	-16	41	1.4	20	0/-40V	1.5×0.85×0.08
NDNC020080	SPDT	32	38	0.8	25	-13	43	1.6	20	0/-40V	2.2×1.3×0.08
NDNC020081	SPDT	33	37	1.2	24	-18	39	1.3	20	0/±40V	2.4×1.4×0.08
NDNC02044	SPDT	34	36	1.3	25	-14	40	1.5	20	0/-40V	2.35×1.45×0.08

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P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Gp (dB)	Vd (V)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDAC010001	0.1	2	25	22	5	0.22	35	27	0.25	1.6	CW	2.4×2.0×0.08
NDAC010002	0.1	6	30	14	12	0.4	24	15	0.35	2.5	CW	2.98×2.48×0.08
NDAC010121	0.8	1.4	27	19	8	0.33	20	22	0.34	1.3	CW	3.1×1.7×0.08
NDAC01107	0.8	1.6	27.5	22.5	28	0.13	20	34	/	1.5	CW	3.4×2.5×0.08
NDAC010006	0.8	2	27	23	5	0.32	32	30	0.33	1.5	CW	3.1×2.0×0.08
NDAC010005	0.8	2	27	17	5.5	0.27	39	23	0.22	1.8	CW	3.2×2.0×0.08
NDAC01108	0.8	2	30.5	20	8	0.32	43	26	0.29	1.4	CW	3.2×2.1×0.08
NDAC010007	1.2	1.4	29	20	5	0.245	68	26.5	0.12	1.05	CW	3.1×2.5×0.08
NDAC010122	1.2	1.4	29	20	5	0.245	68	26.5	0.12	1.05	CW	3.1×2.5×0.08
NDAC010124	1.5	1.54	15	25	5	0.02	32	25	0.01	1.1	CW	2.5×1.3×0.1
NDAC010009	1.5	2.5	28	23	5	0.25	50	30	0.22	1.3	CW	3.0×2.7×0.08
NDAC010010	1.6	1.8	33.9	24.9	8	0.56	54	29.5	0.45	1.2	CW	3.0×3.0×0.08
NDAC010011	1.9	2.5	30.5	23.5	5	0.52	44	27	0.34	1.1	CW	3.0×3.0×0.08
NDAC01071	1.9	3	33.6	25.6	5	1.2	40	31	0.89	1.8	CW	2.85×2.9×0.08
NDAC010126	2	4	21.5	29.5	5	0.098	32.5	33	0.1	1.15	CW	3.5*1.75*0.08
NDAC010014	2	4	22	30	5	0.1	33.5	33	0.098	1.15	CW	3.5×1.75×0.08
NDAC01144	2	4	25	21	5	0.18	35	26	0.22	1.3	CW	2.6×1.8×0.08
NDAC010016	2	4	27.5	19.5	8	0.22	37.5	23	0.19	1.5	CW	2.6×1.8×0.08
NDAC01008	2	6	19.5	14	8	0.1	12	16	0.075	1.5	CW	2.1×1.6×0.08
NDAC010127	2	6	21	22	8	0.09	22	26.5	0.08	1.35	CW	2.6×1.6×0.08
NDAC010018	2	6	27.5	21.5	8	0.2	36	24	0.19	1.4	CW	2.8×1.6×0.08
NDAC01112	2	6	30	22	8	0.45	30	24	0.425	1.25	CW	3.1×2.5×0.08
NDAC010128	2	6	36.5	23	8	2	28	27	1.5	2.3	CW	3.6*2.8*0.08
NDAC01011	2	6	36.5	22.5	8	2	27	27	1.1	2	CW	3.6×2.8×0.08
NDAC01073	2	6	38	22	10	2.5	23	24	2.2	2.3	CW	3.6×2.8×0.08
NDAC01012	2	6	39.5	21	9	4.3	22	23	2.85	2	CW/PL	4.3×5.6×0.08
NDAC010129	2	12	30	17	8	0.75	25	23	0.53	1.7	CW	3.5×1.5×0.08
NDAC010023	2	18	23	20	5	0.35	20	20	0.22	2.5	CW	3.5×1.5×0.08
NDAC01145	2	18	24	14	5	0.4	15	20	0.28	2.5	CW	3.2×1.9×0.08
NDAC010025	2	18	24	22	5	0.34	20	26	0.21	2.5	CW	3.5×1.5×0.08
NDAC010026	2	35	20	8	5	0.31	10	9	0.36	1.8	CW	3.05×0.87×0.08
NDAC010027	2.2	2.3	31.3	29.3	5	0.48	56	35	0.52	1.3	CW	3.5×2.6×0.08
NDAC01146	2.5	6.5	35.5	20	8	1.75	25	24	1.02	2	CW	3.7×2.8×0.08
NDAC01147	2.7	3.5	26.5	20.5	28	0.13	20	22	0.13	1.3	CW	2.3×1.6×0.08
NDAC010136	2.7	3.5	27.5	25	9	0.45	20	27	0.35	1.5	CW	2.7×1.6×0.08
NDAC010030	2.7	3.5	38.7	22.7	8	1.85	51.5	26.6	1.13	1.3	CW	3.0×2.6×0.08
NDAC010031	2.7	3.5	41.7	24.7	8.5	5	37	29.5	3	1.3	PL	3.6×4.0×0.08

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NDAC010032	3	9	29.5	24.5	6	0.38	42	29	0.33	1.3	CW	2.3×1.8×0.08
NDAC01149	4	5	25	19	8	0.09	42	24	0.08	1.1	CW	2.4×1.8×0.08
NDAC010034	4	8.5	26.5	20.5	5	0.33	40	26	0.24	1.5	CW	2.3×1.8×0.08
NDAC010138	5	6	21.5	18	8	0.1	20	19	0.092	1.8	CW	2.1×1.6×0.08
NDAC010035	5	6	21.5	19.5	5	0.075	40	23	0.08	1.2	CW	2.2×1.8×0.08
NDAC010139	5	6	21.5	19.5	5	0.075	40	23	0.08	1.2	CW	2.2×1.8×0.08
NDAC010037	5	6	27.7	19.7	8	0.165	47	16.4	0.17	1.35	CW	2.0×1.4×0.08
NDAC01015	5	6	36.5	28	8	1.75	35	32	/	2	CW	3.6×2.6×0.08
NDAC01016	5	6	38.5	29	10	2.25	34	31	1.25	1.8	CW	3.6×2.6×0.08
NDAC010040	5	7	27.5	13.5	5	0.27	40	14.4	0.255	1.4	CW	2.0×1.4×0.08
NDAC01153	5	14	24	12	5	0.18	27	16	0.12	2	CW	2.1×1.4×0.08
NDAC01154	5	14	24	14	8	0.18	25	16	0.12	2	CW	2.1×1.4×0.08
NDAC01156	5.1	5.7	37	26	8	1.3	50	30	1.1	1.3	CW	3.6×2.6×0.08
NDAC01158	5.3	5.9	42	26.5	9	5.5	37	30	3.33	1.5	CW	3.5×3.6×0.08
NDAC010045	5.8	7.2	33.8	23.8	10	0.55	44	29.2	0.52	1.4	CW	3.0×1.6×0.08
NDAC01085	6	18	22	12	8	0.19	12	15	0.16	1.6	CW	2.0×1.2×0.08
NDAC01086	6	18	22	19	5	0.2	16	22.5	0.18	2	CW	2.0×1.2×0.08
NDAC010048	6	18	23	14	5	0.21	20	18	0.2	2.2	CW	1.55×1.0×0.08
NDAC010146	6	18	31	20	5	1.15	30	23	0.5	2	CW	2.95×2.25×0.1
NDAC010147	6	18	37.5	21	8	1.5/3	25	23	1.5	2	CW	4.3×5.7×0.1
NDAC010148	6	20	14	16	5	0.036	15	17	0.036	2	CW	0.92×0.92×0.08
NDAC01019	7.7	8.5	41	26	8	3.8	43	32	2.8	1.8	CW	3.5×4.0×0.08
NDAC010051	7.8	8.5	23.5	18.5	5	0.1	46	22.5	0.08	1.7	CW	2.0×1.3×0.08
NDAC01161	7.8	11.6	32	25	8	0.6	40	26.5	0.35	1.4	CW	4.4×1.75×0.08
NDAC010052	7.9	8.2	25	26	5	0.16	43	28.5	0.14	1.3	CW	3.0×1.5×0.08
NDAC01027	8	12	21	11	8	0.1	18	13	0.075	1.5	CW	2.1*1.5*0.08
NDAC01028	8	12	21	14	8	0.1	18	16	0.07	1.5	CW	2.1×1.5×0.08
NDAC01090	8	12	21.5	17.5	8	0.12	20	23	0.1	1.2	CW	2.67×1.6×0.08
NDAC010150	8	12	23	11	8	0.13	20	16	0.115	1.3	CW	2.6×2.9×0.08
NDAC01164	8	12	23	15	5	0.15	30	17	0.1	2	CW	1.9×1.4×0.08
NDAC010151	8	12	23.6	12.6	8	0.11	25	15	0.095	1.5	CW	2.1×1.5×0.08
NDAC01092	8	12	24	18	8	0.15	25	21	0.15	1.5	CW	2.67×1.6×0.08
NDAC010057	8	12	28.5	20.5	5	0.4	43	31	0.4	1.8	CW	3.7×2.0×0.08
NDAC010153	8	12	28.5	20.5	5	0.4	43	31	0.4	1.8	CW	3.7×2.0×0.08
NDAC010059	8	12	31.5	20.5	8	0.36	50	26.5	0.16	1.4	CW	2.65×1.4×0.08
NDAC01163	8	12	33	26	8	0.55	51	27.5	0.35	1.3	CW	3.6×1.4×0.08
NDAC010154	8	12	33.5	21	8	1	33	24	0.67	1.5	CW	3.0×1.8×0.08

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NDAC01093	8	12	37.5	23	8	2	40	28	1.3	2	CW	3.2×2.2×0.08
NDAC010062	8	12	39	22	8	3.8	35	25	2.4	2	CW/PL	3.2×4.0×0.08
NDAC010063	8	12	41.3	18	8	4.7	37	25	2	1.5	CW	3.2×4.0×0.08
NDAC010064	8	18	35	19	8	2.1	18	27	1.8	2.5	CW	4.3×5.7×0.08
NDAC010157	8.5	10.5	19.5	16.5	8.5	0.12	10	19	0.085	1.5	CW	2.1*1.57*0.08
NDAC010158	8.5	10.5	34	26	8	0.75	50	30	0.4	2	CW	3.0×1.8×0.08
NDAC01025	8.5	10.5	40.5	22.5	8	3.9	37	25	2.3	1.2	CW/PL	3.5×3.9×0.08
NDAC01026	8.5	10.5	41.2	22	8.5	4	40	25	2.2	1.8	CW	3.2×4.0×0.08
NDAC01165	9	10	25.5	25.5	5	0.175	42	30	0.19	1.2	CW	3.0×3.7×0.08
NDAC010068	9	10	28	22	8	0.23	38	28	0.19	1.5	CW	3.0×1.5×0.08
NDAC01021	9	10.2	20	13	8	0.1	12.5	16	0.07	1.6	CW	2.1×1.5×0.08
NDAC01022	9	10.2	41	24	8	3.75	40	27	2.3	1.8	CW	3.2×4.0×0.08
NDAC010160	10	15	40	40	8	4.8	30	28	4.4	2	CW	4.0×3.6×0.08
NDAC010071	10	18	27	20	8	0.35	25	25	0.25	2.5	CW	2.5×1.9×0.09
NDAC010161	10	20	28.7	8.7	5	0.42	32	15.5	0.37	1.7	CW	2.0×1.3×0.08
NDAC01167	12	13.5	38	21	8	2.5	35	26	3	1.1	CW	3.5×3.65×0.08
NDAC01035	12	17	37	18	8	3	20	24	3	2.5	CW	3.5×3.4×0.08
NDAC01168	12.25	12.75	40.6	21.9	8.5	4.5	33	27	3	2	CW	3.2×4.0×0.08
NDAC010164	13	14	41.5	19.5	8.5	4.9	35	22	1.4	1.6	CW	3.6*4.5*0.08
NDAC010075	13	14	41.5	25.5	8.5	5.6	34	15	0.8	2	PL	3.6×4.5×0.08
NDAC010169	13	14.5	38	20	8	1.9	40	24.5	1.5	1.5	CW	3.4×2.6×0.1
NDAC010076	13	14.5	42	20	8.5	6	32	22	3.5	2	PL	3.6×4.5×0.08
NDAC010077	13	19	29.7	26.7	8	0.35	34.5	29.5	0.19	1.5	CW	2.6×1.6×0.08
NDAC010078	13.5	14.5	23	17	8	0.098	30	21	0.089	1.5	CW	2.5×1.2×0.08
NDAC010167	13.5	14.5	26	23	5	0.18	48	32	/	0.14	CW	2.7×1.2×0.05
NDAC010079	13.5	15.5	17	6	5	0.058	20	7.5	0.053	1.1	CW	0.95×0.95×0.08
NDAC01141	14	16	19.5	16.5	8	0.055	22	17.5	0.04	1.5	CW	2.0×1.5×0.08
NDAC01140	14	18	19	16	8	0.055	20	16.5	0.04	1.6	CW	2.1×1.5×0.08
NDAC01169	14	18	25.5	12.5	5	0.16	40	18	0.15	1.2	CW	1.9×1.3×0.08
NDAC01099	14	18	40	20	8	5	32	23	3	2.7	CW	3.5×4.0×0.08
NDAC010172	14.5	16	37.5	19.5	8	1.8	40	24	1.5	1.8	CW	3.4×2.6×0.1
NDAC01170	14.5	16	38	20	8	2.5	33	34	1.2	2	CW/PL	3.4×2.6×0.1
NDAC01036	14.5	17.5	38	18.5	8	3	33	23	/	1.6	CW	3.5×3.4×0.08
NDAC01171	15	16.5	38	24	8	3.5	24	27	2.5	2.7	CW	3.5×3.4×0.08
NDAC010173	15	17	20	20	5	0.06	36	24.5	0.054	1.45	CW	2.4×1.1×0.08
NDAC010087	15	17	22.5	13.5	5	0.095	41	17	0.09	1.4	CW	2.2×1.1×0.08
NDAC010174	16	17.5	38	21	8/-0.6	4	27	25	3.5	2	CW	3.5×3.4×0.08

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NDAC010181	17.7	21.2	15	21	5	0.031	21.5	22	0.03	2	CW	1.3×1.6×0.08
NDAC010095	18	22	27.5	22.5	5	0.26	46	26	0.25	/	CW	2.1×1.3×0.05
NDAC010096	18	22	28.5	22.5	5	0.34	45	26	0.3	2	CW	2.1×1.3×0.05
NDAC010097	18	26.5	27	19	5	0.45	28	21	0.35	2	CW	2.9×1.63×0.08
NDAC010098	18	27	29	11	5	0.9	20	13	0.74	1.5	CW	2.85×1.85×0.08
NDAC010099	18	27	31	14	5	1.1	24	17	0.95	1.5	CW	2.72×2.4×0.08
NDAC010184	18	28	24.5	19.5	5	0.18	36	20	0.17	2.2	CW	2.1×1.2×0.08
NDAC010101	19	21.5	27	23	5	0.23	44	28	0.17	2.2	CW	2.6×1.3×0.05
NDAC010100	19	21.5	29	23	5	0.34	46	27	0.24	2	CW	2.6×1.3×0.05
NDAC010102	19	22	23	22	5	0.1	42	25	0.09	2	CW	2.0×1.0×0.08
NDAC010187	19	22	23	22	5	0.1	42	25	0.09	2	CW	2.0×1.0×0.08
NDAC010190	21	24	26	23	5	0.21	40	25.5	0.19	2	CW	2.1×1.3×0.05
NDAC010103	22	24	21.5	23	5	0.09	42	25	0.06	2	CW	2.1×1.2×0.08
NDAC010104	22	24	36	16	5	3.1	28	21	2.54	1.5	CW	3.5×4.6×0.08
NDAC010191	22	27	36	18	6	3	22	20	2.5	2	CW	3.5*4.6*0.05
NDAC010192	22.5	25	24	22	5	0.16	36	28	0.12	2	CW	2.5×1.4×0.08
NDAC010193	22.5	25	28.5	22.5	5	0.45	37	25	0.3	2.4	CW	3.0×1.4×0.08
NDAC01174	24	25	22	19	5	0.1	35	23	0.06	1.8	CW	2.1×1.3×0.08
NDAC010105	24	25	22	20	5	0.085	42	22	0.04	1.8	CW	2.1×1.3×0.08
NDAC010195	24	30	24	19	5	0.14	39	26	0.07	2.4	CW	2.1×1.2×0.08
NDAC010106	25	27	18	18.5	5	0.05	28	24	0.04	2	CW	2.2×1.0×0.08
NDAC010107	25	27	21	19	5	0.07	42	24	0.05	2	CW	2.2×1.0×0.08
NDAC010196	25	27	21.5	23	5	0.08	40	26	0.08	2	CW	2.2×1.0×0.05
NDAC010108	25	27	22.5	17.5	5	0.11	36	21	0.05	1.6	CW	2.1×1.2×0.08
NDAC010197	25	27	36.5	20	6	3	30	22	2	2	CW	3.5×4.3×0.05
NDAC010198	25	31	36	18	6	3.3	25	23	2	2	CW	3.5×4.3×0.05
NDAC01062	26	40	27	20	6	0.8	16	23	0.3	3	CW	2.64×1.96×0.05
NDAC010110	26	40	27	17	6	0.5	18	25	0.55	3	CW	2.64×1.96×0.08
NDAC010119	26	40	35	12	6	2.75	16	19	2.5	1.4	CW	3.2×4.25×0.05
NDAC010111	27.5	31	26.5	21.5	5	0.25	37	24	0.23	2	CW	2.0×1.3×0.08
NDAC010202	29	31	25.5	23.5	5	0.18	40	27	0.105	2	CW	2.0×1.0×0.05
NDAC010204	29	32	23.5	20.5	5	0.12	40	24.5	0.1	1.3	CW	2.0×1.0×0.05
NDAC010205	29	32	37	15.4	6	3.9	25	20	2.2	2	CW	3.5×4.3×0.05
NDAC010112	29.4	31	24.5	22.5	5	0.15	38	24	0.09	2.5	CW	1.9×1.9×0.05
NDAC01182	31.5	35	23	21	5	0.115	40	24	0.09	2.2	CW	2.1×1.2×0.08
NDAC01183	32	33	22.5	20.5	5	0.095	36	23	0.07	1.8	CW	2.1×1.2×0.08
NDAC010115	32	37	12	15	5	0.045	14	25	0.04	1.8	CW	1.72×0.75×0.08

GaAs Power Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (dBm)	Gp (dB)	Vd (V)	Id (A)	PAE (%)	G (dB)	Idq (A)	VSWRin	Mode	Dimension (mm)
NDAC010117	32	37	12	15	5	0.05	15	22	0.04	2	CW	1.72×0.75×0.08
NDAC010116	32	40	19	19	5	0.12	18	21	0.08	2	CW	2.6×1.0×0.08
NDAC010118	32.3	33	24.5	22.5	5	0.2	37	23	0.12	2	CW	2.1×1.2×0.08
NDAC01130	33	37	23	23	5	0.26	22	26	0.23	1.5	CW	2.8×1.2×0.05
NDAC010208	33	37	28.5	18.5	5	0.65	25	21	0.33	1.2	CW	3.6×1.9×0.05
NDAC010209	33	37	28.5	18.5	5	0.6	27	20	0.057	1.1	CW	3.6×1.9×0.05
NDAC010210	33	37	30	18	6	0.6	30	20	0.45	2	CW	3.0×1.6×0.05
NDAC010120	33	37	34	16	6	1.8	25	24	1.2	2	CW	3.0×2.4×0.05
NDAC010211	33	37	36	15	6.5	3	23	21	2.2	2	CW	3.8×4.8×0.05
NDAC01054	34	36	20	21	6	0.1	26	21	0.09	2	CW	1.8×0.9×0.05
NDAC010212	34	36	32.5	16	6	1.2	28	22	0.9	1.5	CW	3.5×2.6×0.05
NDAC010213	34	36	33	15	6	1.7	20	22	1.2	2	CW	3.0×2.6×0.05
NDAC010214	34	36	37	14	6.5	3.5	24	18	3	2	CW	3.0×4.3×0.05
NDAC010215	43	46	21	18	5	0.18	20	22	0.22	2.5	CW	3.2×1.3×0.05

GaAs Low Noise Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	G (dB)	NF (dB)	Pout-1 (dBm)	$VSWR_{in}$	$VSWR_{out}$	Vd (V)	Id (mA)	Helium (W/ppm)	Dimension (mm)
NDAC020060	0.1	2	16.5	1.7	16	1.4	1.6	5	52	2	1.05×1.0×0.08
NDAC020059	0.1	67	14	3.5	6	1.5	1.5	3	53	2	2.5×1.7×0.05
NDAC020061	0.2	20	15	3.5	16	2	2	5	70	2	2.5×1.6×0.08
NDAC020063	0.35	18	17	1.5	16	2	2	5	80	2	2.0×2.0×0.1
NDAC020062	0.35	18	17.5	1.5	17	2	2	5	80	2	2.0×1.77×0.1
NDAC020064	0.4	0.6	35	0.4	11	1.8	2	5	27	2	2.4×4.0×0.1
NDAC020065	0.4	2	18	1.2	18	1.6	1.6	5	45	2	1.2×1.25×0.1
NDAC020066	0.5	4	27	1.5	10	2	2	5	23	2	2.5×2.5×0.1
NDAC020067	0.5	4	13	3	21	1.8	1.8	5	100	2	1×0.7×0.08
NDAC020004	0.8	2.7	27	1.5	10	1.8	1.7	5	23	2	2.2×1.3×0.1
NDAC020068	0.8	3.2	20	0.8	8	1.4	1.6	5	80	2	1.215×1.645×0.1
NDAC020069	0.8	3.2	20	0.9	16	1.4	1.6	5	70	2	1.22×1.65×0.08
NDAC020071	0.8	3.2	18	1.8	17	1.4	1.8	5	72	/	1.215×1.3×0.1
NDAC020074	0.8	12	25	1.4	0	1.8	1.8	5	20	2	2.2×1.3×0.1
NDAC020076	0.8	18	17	3.8	13	2	2	5	100	2	3.3×1.8×0.1
NDAC020058	0.8	18	19	3	14	1.7	1.5	5	85	2	3.3×1.8×0.1
NDAC020077	0.8	18	15	3	14	2	2	5	50	2	3.3×1.8×0.1
NDAC020075	0.8	18	17	1.5	17	2	2	5	80	2	2.0×1.77×0.1
NDAC020078	0.98	1.2	33	0.5	12	1.5	1.6	5	35	2	2×1.5×0.1
NDAC020079	0.98	1.2	35	0.4	13	1.7	1.2	5	40	2	2×1.5×0.1
NDAC020080	1	9	19	1	15	1.8	1.8	5	45	/	1.5×1×0.1
NDAC020081	1	9	20.4	1.05	16	2	1.8	5	44.7	2	0.92×0.97×0.1
NDAC020083	1	9	20	1.3	17	1.4	1.3	5	50	/	1×1×0.1
NDAC020082	1	9	19	1.3	18	1.6	1.8	5	63	2	1×1×0.1
NDAC020084	1.1	1.6	30	0.6	7	1.6	1.4	5	21	2	2×1×0.1
NDAC020086	1.2	1.4	30	0.5	4	2.2	1.7	5	25	2	1.5×1.9×0.1
NDAC020088	1.2	1.4	36	0.5	8	1.5	1.5	5	35	/	2×1.3×0.1
NDAC020089	1.2	1.8	25	0.5	16	1.3	1.2	5	45	2	2×1.5×0.1
NDAC020090	1.2	3.5	31	0.6	13	1.5	1.5	5	25	2	1.9×1.2×0.1
NDAC020091	1.2	6	27	1.3	2	1.6	2	5	13	2	2.0×1.0×0.1
NDAC020094	1.3	2.5	31	0.55	11	1.4	1.4	5	23	2	1.9×1.5×0.1
NDAC020092	1.5	1.8	37	0.6	11	1.6	1.5	5	35	2	2×1.3×0.1
NDAC020093	1.5	3.5	33	0.8	11	1.9	2.6	5	55	/	1.9×1.5×0.1
NDAC020095	1.9	2.1	30	0.55	11	1.3	1.3	5	23	2	1.9×1.5×0.1
NDAC020114	2	6	23	1.3	1.5	1.5	1.5	5	15	2	2.0×1.0×0.1
NDAC020099	2	6	25	0.6	10	1.5	1.7	5	45	2	1.9×1.2×0.1
NDAC020101	2	6	26	0.9	12	2.1	2.3	5	42	2	2×1.2×0.1

GaAs Low Noise Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	G (dB)	NF (dB)	Pout-1 (dBm)	$VSWR_{in}$	$VSWR_{out}$	Vd (V)	Id (mA)	Helium (W/ppm)	Dimension (mm)
NDAC020098	2	6	25	0.6	13	1.5	1.5	5	25	2	1.6×1.2×0.1
NDAC020006	2	6	30	0.7	15	1.5	1.5	5	60	2	1.8×1.2×0.1
NDAC020100	2	6	25	0.6	17	2	2	5	70	2	1.8×1.2×0.1
NDAC020102	2	13	24	1.2	10	1.7	1.4	5	23	2	2.15×1.2×0.1
NDAC020104	2	13	26	1	10	1.6	1.6	5	55	2	1.85×1.35×0.1
NDAC020103	2	13	24	1.4	15	1.7	1.7	5	55	2	2.15×1.2×0.1
NDAC020107	2	18	17	1.5	7	1.8	1.6	5	25	2	1.5×1×0.1
NDAC020109	2	18	24	1.6	10	1.6	1.4	5	40	2	3×1.4×0.1
NDAC020110	2	18	24	1.6	10	2	2	5	40	2	3×1.4×0.1
NDAC020108	2	18	19	1.5	13	2	2	5	45	2	1.5x1×0.1
NDAC020106	2	18	25	1.7	14	2	2	5	75	2	1.8×1.05×0.1
NDAC020105	2	18	20	2.8	16	1.5	1.8	5	55	2	2.7×1.63×0.1
NDAC020112	2	19	22	1.6	5	2	1.5	5	20	2	1.9×1.6×0.1
NDAC02030	2	20	20	3.5	15	2.2	1.9	5	55	2	2.7x1.63x0.1
NDAC020119	2.5	12	29	1.3	3	1.8	1.8	5	10	2	2.2×1.3×0.1
NDAC020115	2.5	12	23	1	10	1.6	1.6	5	25	2	2.0×1.0×0.1
NDAC020117	2.5	12	27	1.3	10	1.8	1.8	5	23	2	2.2×1.3×0.1
NDAC020116	2.5	12	24	1.2	11	1.6	1.8	5	25	2	2.0×1×0.1
NDAC020118	2.5	12	27	1	11	1.5	1.5	5	25	2	2.2×1.3×0.1
NDAC020096	2.6	2.9	34	1.2	5	1.3	1.5	5	35	2	3.4×2.6×0.1
NDAC020122	2.7	3.5	29.2	0.65	10	1.6	1.2	5	40	/	1.87×1.47×0.1
NDAC020124	2.7	3.5	29	0.6	10	1.5	1.5	5	26	2	1.7×1.5×0.1
NDAC020121	2.7	3.5	29	0.6	12	1.5	1.3	5	35	0.2	1.9×1.5×0.1
NDAC020123	2.7	3.5	31	0.6	12	1.5	1.5	5	45	2	1.9×1.5×0.1
NDAC020120	2.7	3.5	30	0.6	13	1.7	1.7	5	40	/	1.8×1.5×0.1
NDAC020125	2.7	3.5	35	0.5	14	1.5	1.5	5	45	2	1.9×1.5×0.1
NDAC02218	2.7	3.5	24	1.8	17	1.5	1.5	5	50	2	2×1.5×0.08
NDAC020126	2.7	14.5	26	1.3	5	2	1.8	3.3	25	2	1.7×1.2×0.08
NDAC020128	3	18	29	1.8	8	1.7	1.7	5	32	0.2	2×1.3×0.1
NDAC020129	4	6	27	1.1	7	1.6	1.3	5	13	0.2	1.78×1.38×0.1
NDAC020132	4	6	24	1.2	12	2	2	5	45	2	2.365×1.335×0.1
NDAC020130	4	12	27	1.1	13	1.4	1.4	5	32	2	1.75×1.5×0.1
NDAC020131	4.5	6.5	23	1	11	1.6	1.5	5	60	0.2	2.35×1.2×0.1
NDAC020133	5	6	28	0.6	11	1.5	1.5	5	40	2	1.5×1.2×0.1
NDAC020134	5	6	23	0.9	12	1.6	1.6	5	40	2	2×1.2×0.1
NDAC020135	5	6	15	1.5	15.5	1.2	1.2	5	38	2	1.63×1.18×0.1
NDAC020136	5	12	22	1.2	8	1.5	1.5	5	22	0.2	2×1×0.1

GaAs Low Noise Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	G (dB)	NF (dB)	Pout-1 (dBm)	$VSWR_{in}$	$VSWR_{out}$	Vd (V)	Id (mA)	Helium (W/ppm)	Dimension (mm)
NDAC020137	5	12	20	1.4	10	1.8	1.6	5	26	2	2×1×0.1
NDAC020138	5	13	26	1	6	1.5	1.5	5	18	2	1.9×1.0×0.1
NDAC020140	6	18	23	1.2	10	1.7	1.9	5	25	2	1.5×1×0.1
NDAC020142	6	18	18	1.8	14	1.8	1.6	3.5	75	2	1.46×1.05×0.1
NDAC020143	6	18	20	1.2	16	1.8	1.8	5	87	2	1.46×1.05×0.1
NDAC020144	6	18	19	1.8	16	2	2	5	75	2	1.46×1.05×0.1
NDAC020141	6	18	26	1.4	17	1.7	2	5	90	2	2.5×1.3×0.1
NDAC020010	6	18	16.5	3.5	19	1.6	1.6	5	75	2	2.1×1.4×0.08
NDAC020145	7	11	23	1.1	8.5	2.7	2	5	40	2	1.75×1.63×0.1
NDAC020146	7	13	26	1.1	5	2	2	5	20	2	1.8×1.1×0.1
NDAC020147	7	13	24	1.1	10	1.8	1.3	5	23	2	2.0×1.0×0.1
NDAC020159	8	11	27	0.8	0	1.6	1.5	3.3	15	2	1.65×1.2×0.1
NDAC020154	8	12	19	1.3	4	1.8	1.4	5	17	2	1.5×1×0.1
NDAC020155	8	12	21	1	5	1.7	1.3	5	15	2	1.5×1×0.1
NDAC020149	8	12	27	0.8	7	1.5	1.5	5	22	2	1.3×1.3×0.1
NDAC020013	8	12	26	0.8	8	1.4	1.4	5	20	2	1.5×1.2×0.1
NDAC020014	8	12	28	0.9	8	1.5	1.5	5	22	2	1.3×1.33×0.1
NDAC020153	8	12	25	1	8	1.8	1.3	5	24	2	2.0×1.0×0.1
NDAC020151	8	12	28	0.8	9	1.6	1.6	5	30	2	1.3×1.33×0.1
NDAC020150	8	12	27	0.8	10	1.7	1.7	5	25	2	1.3×1.33×0.1
NDAC020152	8	12	25	1.1	10	1.5	1.7	5	30	2	2×1×0.1
NDAC020156	8	12	21	1.4	10	1.6	1.5	5	55	2	1.73×1.63×0.1
NDAC020158	8	18	29	1.3	3	2	1.5	5	15	2	1.87×0.97×0.1
NDAC020157	8	18	29	1.2	5	1.7	1.7	5	20	2	1.9×1×0.1
NDAC020160	8.5	16	27	1.2	5	1.7	1.7	5	25	2	1.65×1×0.1
NDAC020163	9	10.2	29.5	1	-1	1.3	1.4	3.3	10	2	1.8×1.0×0.1
NDAC020162	9	10.2	26	0.7	6	1.8	1.8	5	20	2	1.17×1×0.1
NDAC020161	9	10.2	25	0.9	10	1.4	1.4	5	25	2	1.2×1×0.1
NDAC020164	9.5	9.8	24	0.9	1.7	1.3	1.7	5	11	2	1.2×1.0×0.1
NDAC020165	10	13	21	0.9	8	1.7	1.5	5	17	2	1.2×1.2×0.1
NDAC020020	10	18	28	1.1	5	1.4	1.4	5	25	2	1.65×1×0.1
NDAC020022	13.5	14.5	17.5	1.9	11.5	1.6	1.6	5	18	2	1.5×1×0.1
NDAC020169	14	14.5	23	1	-2	1.6	1.8	5	10	2	1.6×1.2×0.1
NDAC020172	14	18	23	1.4	10	2	1.5	5	70	0.2	2.175×1.34×0.1
NDAC020170	14	18	27	1.2	-25(Pin)	1.3	1.3	3.3	18	2	1.5x1.1×0.1
NDAC020174	14	38	23	2.7	3	1.8	2	5	35	2	1.875×1.15×0.1
NDAC020173	14	38	20	3	4	1.5	1.5	5	40	2	1.875×1.15×0.1

GaAs Low Noise Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	G (dB)	NF (dB)	Pout-1 (dBm)	$VSWR_{in}$	$VSWR_{out}$	Vd (V)	Id (mA)	Helium (W/ppm)	Dimension (mm)
NDAC020175	15.5	16.5	29	1.2	12	1.7	1.5	5	55	2	1.8×1.0×0.1
NDAC020176	18	26	22	1.8	0	1.5	1.5	5	8	0.2	1.3×1×0.1
NDAC020177	18	40	25.5	2.3	8	3	2.5	5	105	2	1.87×1.3×0.1
NDAC020178	18	40	20	3.5	10	2.5	2.5	5	70	2	1.85×1.15×0.1
NDAC020182	19	22	28	1.6	0	1.6	1.6	5	10	2	2×1×0.1×0.1
NDAC020179	19	22	26	1.3	2	1.5	1.5	5	13	2	2×1×0.1
NDAC020181	19	22	27	1.6	2	1.5	1.5	5	12	2	2×1×0.1
NDAC020184	19	24	24	1.3	4	2	1.6	5	18	2	1.89×0.72×0.1
NDAC020049	19	24	26	1.5	5	1.7	2	5	18	2	1.92×0.75×0.1
NDAC020050	19	24	24	1.6	5	1.7	1.8	5	20	2	1.92×0.75×0.1
NDAC020051	19	24	26	1.2	5	1.7	1.4	5	18	2	1.92×0.75×0.1
NDAC020185	19.4	21.2	26	2.2	0	1.2	1.2	5	7.5	2	1.92×0.75×0.1
NDAC020180	19.4	21.4	27	1.6	0	1.5	1.5	5	10	2	2.0×1.8×0.1
NDAC020183	19.6	21.2	27	1.8	0	1.5	1.5	5	10	2	2.0×1.0×0.1
NDAC020186	21	24	17	1.3	6	1.4	1.8	5	10	2	1.5×1×0.1
NDAC020187	22	23.5	26	2.2	0	1.5	1.5	3.3	15	2	2.1×1.0×0.1
NDAC020188	22	24	23	1.5	0	1.8	1.8	5	10	2	1.92×0.75×0.1
NDAC020189	22	24	27	1.3	2	1.4	1.7	5	9	2	1.92×0.75×0.1
NDAC020190	23	25	25	1.6	-2	1.6	1.5	5	12	2	1.8×1.0×0.1
NDAC020047	24	43	22	2.5	5	1.5	1.3	5	75	2	2.0×1.3×0.1
NDAC020191	24	43	22	2.5	12	1.5	1.5	5	75	0.2	2.0×1.3×0.1
NDAC020192	25	31	26	1.6	1	1.4	1.7	5	10	2	1.8×1×0.1
NDAC020057	25	31	23	1.6	1	1.4	1.4	5	10	2	
NDAC020195	25.2	27.5	21	1.7	0	1.5	1.5	5	8	0.3	1.8×1.0×0.1
NDAC020194	25.2	27.5	26	1.7	3	1.5	1.5	5	9	0.2	1.9×0.8×0.1
NDAC020044	26	40	17	2.2	5	1.5	1.5	5	28	0.2	
NDAC020196	27.5	31	25	1.7	0	1.7	1.8	5	10	2	2.4×0.9×0.1
NDAC020197	27.5	31.5	27	1.5	-4	1.5	1.5	3.3	15	2	1.9×1.5×0.1
NDAC020198	29	31	21	2.5	-2	/	/	5	10	/	2×1×0.1
NDAC020199	29	31	21	1.7	-2	1.7	1.5	5	7	0.2	1.8×1×0.1
NDAC020203	29	31	16	1.6	0	1.4	1.4	5	9	2	1.8×1×0.1
NDAC020201	29	31	28	1.3	3	1.5	1.5	5	10	2	1.8×0.9×0.1
NDAC020202	29	31	28	1.6	3	28	1.6	1.8	5	10	2.1×0.9×0.1
NDAC020200	29	31	14	1.6	8	1.5	1.5	5	12	2	1×0.9×0.1
NDAC020207	32	33	23	1.65	2	2	1.85	5	10	2	1.5×1.0×0.1
NDAC020208	32	34	24	1.6	5	1.8	1.6	5	10	2	1.5×1×0.1
NDAC020206	32	36	28	1.9	1	2	1.9	5	13	2	2×1×0.1

GaAs Low Noise Amplifier

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	G (dB)	NF (dB)	Pout-1 (dBm)	$VSWR_{in}$	$VSWR_{out}$	Vd (V)	Id (mA)	Helium (W/ppm)	Dimension (mm)
NDAC020205	32	36	28	2	1.2	1.8	1.8	5	13	2	2.0×1.0×0.1
NDAC020209	32	37	20	2	5	1.5	1.5	5	12	2	1.46×0.73×0.1
NDAC020045	32	38	21	1.6	-2	1.2	1.2	5	8	2	
NDAC020210	32	38	22	1.8	-2	1.6	1.5	5	9	2	1.5×0.9×0.1
NDAC020211	32.5	36.5	26	2	2	1.5	1.5	5	13	2	1.5×1.0×0.1
NDAC020212	33	35	26	1.7	4	1.5	1.5	5	9	2	1.5×0.9×0.1
NDAC020032	33	36	27	2	2	1.8	1.5	5	10	2	2.18×0.78×0.1
NDAC020214	33	37	23.5	2.1	2	1.5	1.6	5	16	2	1.05×0.95×0.1
NDAC020031	33	37	26	2	2	1.8	1.6	5	10	2	2.175×0.75×0.1
NDAC020215	33	37	16.5	2.1	3	1.5	1.7	5	15	2	1.46×0.75×0.1
NDAC020216	33	37	25	2.2	13	1.5	1.5	5	45	2	1.5×1×0.1
NDAC020030	33	37	30	1.8	14	1.8	1.5	5	55	2	1.5×1×0.1
NDAC020046	33	37	25	1.9	15	1.5	1.5	5	50	2	1.5×1×0.1
NDAC020219	34	38	10	4.5	17	1.7	1.7	5	95	/	2.1×1.6×0.1
NDAC020217	35.6	35.9	25	2.5	13	2	1.5	5	50	2	1.5×1.0×0.1
NDAC020220	36	44	19	3.5	10	2	1.5	5	35	2	1.67×0.97×0.1
NDAC020221	40	50	18	2	2	2.2	1.8	5	11	0.2	1.34×0.8×0.05
NDAC020036	40	67	26	2.2	0.5	2	2	1	20	/	2.4×1.1×0.05
NDAC020226	46	52	21	3	10	2.5	2.5	5	80	/	2.8×1.6×0.05
NDAC020227	46	52	24.5	2.8	12.5	1.5	1.5	5	85	/	2.8×1.2×0.05
NDAC020228	47	52	26	2.2	5	2.3	2	5	40	/	2.0×1.2×0.05
NDAC020037	50	60	21	2.5	15	1.5	1.4	5	80	/	2.8×1.2×0.05
NDAC020229	50	75	25	3	14	3	2	5	80	2	1.7×1.2×0.05
NDAC020038	55	65	19	3.7	14	2.5	2	5	80	2	2.6×1.5×0.05

GaAs Phase Shifter

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	RMS Phase Error (°)	IL/G (dB)	Bits	Step (°)	ΔIL (dB)	VSWR	Control Voltage	Dimension (mm)
NDAC030002	1	1.5	1.5	-5	6	5.625	±0.3	1.3	0V/-5V	5.34×1.92×0.1
NDAC030003	1.1	1.7	2	-5	6	5.625	±0.3	1.3	0V/-5V	5.34×1.98×0.1
NDAC03046	1.2	1.4	1	-4	6	5.625	±0.3	1.3	0V/-5V	4.85×1.9×0.1
NDAC03011	2	2.5	1	-4.8	6	5.625	±0.3	1.3	0V/-5V	4.5×1.5×0.1
NDAC030007	2	6.5	6	-12	6	5.625	±1.5	2.5	-5V/0V	5.0×5.0×0.08
NDAC030010	2	18	4	16	6	5.625	±1	2	0V/-5V	3.45×2.7×0.08
NDAC030039	2	18	3	-12	6	5.625	±1	2	-5V/TTL	5.7*1.9*0.08
NDAC030011	2.7	3.5	1.5	-5	6	5.625	±0.3	1.3	0V/-5V	4.5×1.4×0.1
NDAC030041	2.7	3.5	1	-5	6	5.625	±0.3	1.3	0V/-5V	4.18×1.5×0.1
NDAC030013	4	12	1.5	-10	6	5.625	±1	1.5	0V/-5V	2.2×2.8×0.08
NDAC03054	5	6	1	-5.6	6	5.625	±0.3	1.3	0V/-5V	4×1.3×0.1
NDAC030015	5	18	3.5	12	6	5.625	±1.0	1.8	0V/-5V	2.65×1.7×0.08
NDAC030016	6	7.4	1	-6	6	5.625	±0.3	1.3	0V/-5V	4×1.5×0.1
NDAC030017	6	18	1.8	16	6	5.625°	±0.8	2	0V/-5V	2.7×1.8×0.08
NDAC030042	7	13	2.5	-10	6	5.625	±0.5	1.5	-5V/TTL	4.1×1.6×0.1
NDAC03021	8	12	1.5	-7.5	6	5.625	±0.4	1.4	0V/-5V	4.05×1.86×0.1
NDAC030019	8	16	4	-13	6	5.625	±0.8	1.8	0V/-5V	2.45×2.3×0.08
NDAC03100	9	10	1	1	4	2.8125	±0.2	1.1	0/-5V	1.7×1.5×0.1
NDAC030043	9	10	1	-1	4	2.8	±0.2	1.2	-5V/TTL	1.7×1.5×0.1
NDAC03026	12	15	1.5	-8	6	5.625	±0.3	1.4	0V/-5V	3.1×1.21×0.1
NDAC03105	17	21	2	-8	6	5.625	±0.6	1.5	0V/-5V	3.5×1.46×0.08
NDAC030045	18	40	4	-8	6	5.625	±0.6	1.6	-5V/TTL	1.6×2.38×0.08
NDAC030027	18	40	4	-8	6	5.625	±0.6	1.6	-5V/TTL	1.5×1.8×0.08
NDAC030026	18	40	4	13	6	5.625	±1	2	0V/+5V	2.8×1.4×0.08
NDAC030046	18.6	21.2	3	-9	6	5.625	±0.7	1.8	0V/3.3V	3.3×1.8×0.08
NDAC03032	19	23	2	-8	6	5.625	±0.6	1.5	0V/-5V	3.6×1.36×0.1
NDAC03033	22	26	2	-9	6	5.625	±0.6	1.5	0V/-5V	3.19×1.39×0.1
NDAC030031	25	28.5	2	-8	6	5.625	±0.5	1.5	0V/-5V	3.21×1.31×0.1
NDAC03109	25	31	3	-7	6	5.625	±0.5	1.5	0V/-5V	2.9×1.35×0.08
NDAC03110	28	32	2.5	-8	6	5.625	±0.4	1.5	0V/-5V	3.2×1.4×0.1
NDAC030047	29	31	3	-9	6	5.625	±1	1.7	0V/3.3V	1.5×1.8×0.1
NDAC030035	29	35	/	-3.5	3	/	±0.6	1.6	-5V/0V	1.6×1.2×008
NDAC03078	30	40	3.5	-7.5	6	5.625	±0.6	1.8	0V/-5V	2.8×1.1×0.08
NDAC030037	33	37	2	-7	5	5.625	±0.5	1.5	0V/-5V	2.6×1.1×0.08
NDAC03076	33	37	2	-7	5	11.25	±0.5	1.5	0V/-5V	2.6×1.1×0.08
NDAC03077	33	37	4.5	-10	6	5.625	±1	1.8	0V/-5V	2.8×1.1×0.08

GaAs Time Delayer

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Bits	Phase Step (°)	Step (ps)	Delayed Phase Accuracy	Delayed Accuracy	IL (dB)	ΔIL (dB)	VSWR	Control Voltage	Dimension (mm)
NDAC04035	0.3	2	6	/	25PS	/	± (T*5%)	11	±0.7	1.5	0V/-5V	4.0×5.0×0.08
NDAC040002	0.3	2	6	/	25PS	/	± (T*10%)	11	±0.7	1.5	-5V/TTL	4.35×5.0×0.08
NDAC040003	0.4	0.7	1	/	1818ps	/	±(T*2.5%)	7	±0.3	1.3	-5V/TTL	5×4×0.0.08
NDAC040004	0.4	0.7	3	/	227ps	/	± (T*5%)	7	±0.5	1.3	-5V/TTL	5×4×0.0.08
NDAC04019	0.5	6	8	/	5ps	/	± (T*8%)	16	±1	1.4	0V/-5V	5.5×3.5×0.1
NDAC040006	1.2	6	3	/	40ps	/	± (T*8%)	4	±0.5	1.2	±5V/TTL	2.85×3.3×0.08
NDAC040007	1.2	6	5	/	5ps	/	± (T*10%)	5.5	±0.5	1.3	±5V/TTL	4.4×2.3×0.08
NDAC040049	1.2	6	5	/	5ps	/	±（T*10%）	5.5	±0.5	1.3	±5V/TTL	4.4×2.3×0.08
NDAC040009	2	6	2	3.6° (4GHz)	/	± (PH*10%)	/	1.5	±0.3	1.2	-5V/TTL	1.6×2.0×0.1
NDAC040010	2	6	7	/	2.5PS	/	± (T*10%)	13	±0.5	1.2	-5V/TTL	4.1×2.5×0.1
NDAC040011	2	6	7	/	10ps	/	± (T*5%)	18	±0.8	1.4	-5V/TTL	4×5.5×0.08
NDAC040012	2	12	4	/	10ps	/	± (T*10%)	8	±0.5	1.6	-5V/TTL	2.2×2.6×0.08
NDAC040013	2	18	5	/	5ps	/	± (T*10%)	13	±0.8	1.7	-5V/TTL	2.4×3.1×0.08
NDAC040014	5	6	3	/	92.5	/	± (T*8%)	8	±0.4	1.4	0V/-5V	4.65×2.2×0.1
NDAC040048	5	6	3	/	92.5	/	±（T*8%）	8.0	±0.4	1.4	0V/-5V	4.65×2.2×0.1
NDAC040017	6	18	1	/	320ps	/	±7%*T	9	±0.2	1.3	-5V/TTL	3.15×2.4×0.08
NDAC040024	6	18	1	/	320ps	/	± (T*3%)	9	±0.2	1.3	-5V/TTL	3.15×2.4×0.08
NDAC040085	6	18	1	/	320ps	/	±（T*3%）	9	±0.2	1.3	-5V/TTL	3.15×2.4×0.08
NDAC040056	6	18	1	/	320ps	/	±7%*T	9	±0.2	1.3	-5V/TTL	3.15×2.4×0.08
NDAC040019	6	18	2	1659° (12GHz)	/	± (PH*3%)	/	27	±1.8	1.4	-5V/TTL	3.3×5.0×0.1
NDAC040016	6	18	6	5.625° (12GHz)	/	5°(RMS)	/	13.5	±1	1.5	0V/-5V	2.5×2×0.08
NDAC040020	6	18	6	26° (12GHz)	/	± (PH*8%)	/	18.5	±1.6	1.5	-5V/TTL	3.3×3.3×0.1
NDAC040021	6	18	7	/	6PS	/	± (T*10%)	26.5	±1	1.3	-5V/TTL	6.2×2.8×0.1
NDAC040022	6	18	7	/	5ps	/	± (T*6%)	24	±1	1.5	-5V/TTL	5.7×2.8×0.8
NDAC040057	6	18	7	/	5ps	/	±（T*6%）	24	±1	1.5	-5V/TTL	5.7×2.8×0.08
NDAC040026	7.5	9	1	1440° (9GHz)	/	± (PH*5%)	/	6.5	±0.5	1.5	-5V/TTL	2.4×2.4×0.08
NDAC040027	7.5	9	4	90° (9GHz)	/	± (PH*5%)	/	12	±0.5	1.5	-5V/TTL	3.4×2.4×0.08
NDAC040058	7.6	11.8	3	360° (9.6GHz)	/	±（PH*5%）	/	18.5	±0.5	1.5	-5V/TTL	5×3×0.08
NDAC040028	8	12	1	1440	/	± (PH*2%)	/	8.5	±0.5	1.5	0V/-5V	2.3×4.7×0.08

				(9.6GHz)								

GaAs Time Delayer

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Bits	Phase Step (°)	Step (ps)	Delayed Phase Accuracy	Delayed Accuracy	IL (dB)	ΔIL (dB)	VSWR	Control Voltage	Dimension (mm)
NDAC04054	8	12	1	2880° (9.6GHz)	/	± (PH*3%)	/	13.5	±0.4	1.4	-5V/TTL	2.3×4.75×0.08
NDAC04055	8	12	1	/	1660ps	/	± (T*3%)	27	±0.5	1.3	-5V/TTL	4.75×4.75×0.08
NDAC040029	8	12	2	360° (9.5GHz)	/	± (PH*5%)	/	8	±0.5	1.4	0V/-5V	3.2×3.4×0.1
NDAC040036	8	12	2	360° (9.5GHz)	/	± (PH*5%)	/	12	±0.5	1.4	-5V/TTL	3.2×3.4×0.1
NDAC04058	8	12	2	180° (10GHz)	/	± (PH*5%)	/	6	±0.5	1.5	-5V/TTL	2.4×1.6×0.08
NDAC04002	8	12	3	/	105ps	/	± (T*10%)	14	±0.6	1.4	0V/-5V	3.4×3.1×0.1
NDAC040031	8	12	3	/	100ps	/	± (T*4%)	12	±1	1.8	0V/-5V	4.2×3.2×0.08
NDAC04059	8	12	3	180° (10GHz)	/	±(PH*5%)	/	11	±0.3	1.4	-5V/TTL	2.9×2.2×0.08
NDAC04003	8	12	4	/	26ps	/	± (T*10%)	12	±0.5	1.4	0V/-5V	3.45×2.25×0.1
NDAC04057	8	12	4	/	50ps	/	±(T*6%)	16	±0.3	1.4	-5V/TTL	3.95×4.75×0.08
NDAC040033	8	12	6	5.625° (10GHz)	/	4° (RMS)	/	8	±1	1.8	0V/-5V	4.7×1.7×0.08
NDAC040064	13.1	13.1	4	/	36PS	/	±（T*10%）	16.5	±0.5	1.5	-5V/TTL	3.5×2.8×0.08
NDAC040063	13.1	14.3	3	/	36PS	/	±（T*10%）	12.5	±0.5	1.5	-5V/TTL	2.7×2.3×0.08
NDAC040076	18	40	6	10.44° (29GHz)	/	±（PH*5%）	/	16.5	±0.8	1.5	-5V/TTL	1.7×4.2×0.08
NDAC04009	19	21.5	3	360° (20.3GHz)	/	± (PH*5%)	/	15	±0.6	1.3	-5V/TTL	3.2×3.4×0.08
NDAC040041	19	21.5	3	360° (20.3GHz)	/	±(PH*5%)	/	15	±0.6	1.3	-5V/TTL	2.9×2.4×0.08
NDAC04021	32	36	1	/	470PS	/	± (T*8%)	16	±1	1.6	0V/-5V	3.2×2.9×0.08
NDAC04022	32	36	4	/	29.5PS	/	± (T*8%)	26	±1	1.4	0V/-5V	4.0×2.9×0.08
NDAC040044	32	40	3	/	28.5PS	/	± (T*10%)	15	±1	1.5	0V/-5V	3×2.7×0.08

GaAs Digital Attenuator

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Bits	Step (dB)	IL (dB)	VSWR	Attenuation Accuracy	Switch Time (ns)	Control Voltage	Dimension (mm)
NDAC05001	DC	4	6	0.5	1.3	1.3	±(0.3+4%Ai)	20	0/-5V	2.1×0.95×0.1
NDAC05055	DC	6	6	0.5	2	1.3	±(0.3+5%Ai)	20	-5V/0V	2.2×1×0.1
NDAC05025	DC	6	6	0.25	0.8	1.3	±(0.3+5%Ai)	20	-5V/0V	2×0.8×0.1
NDAC05038	DC	6	7	0.5	4	1.4	±(0.2+6%Ai)	20	0/-5V	4.32×1.2×0.1
NDAC05010	DC	6.5	5	0.5	2	1.3	±(0.2+5%Ai)	20	0/-5V	2.33×1.2×0.1
NDAC050052	DC	8	1	32	2	1.4	±2.5	20	0/-5V	1.45×1.2×0.1
NDAC05035	DC	8	6	0.3	2.5	1.4	±(0.2+5%Ai)	20	0/-5V	2.35×1.2×0.1
NDAC05003	DC	10	4	0.3	1.3	1.4	±(0.2+5%Ai)	20	0/-5V	1.45×1.2×0.1
NDAC05061	DC	12	4	0.25	0.8	1.3	±0.2	20	TTL(-5V)	1.4×1.2×0.1
NDAC050046	DC	12	4	0.25	0.7	1.3	±0.2	20	TTL(-5V)	1.4×1.2×0.1
NDAC05004	DC	12	6	0.25	2.5	1.3	±(0.2+5%Ai)	20	0/-5V	2.33×1.13×0.1
NDAC050053	DC	18	1	20	2	1.4	±1	20	0/-5V	1.2×0.95×0.1
NDAC05022	DC	18	1	10	1.5	1.2	±0.5	20	TTL(-5V)	0.8×1×0.08
NDAC050014	DC	18	1	20	1.5	1.2	±1	20	TTL(-5V)	0.8×1×0.08
NDAC05030	DC	18	3	0.2	0.5	1.5	±0.2	20	0/-5V	1.2×1.03×0.1
NDAC05011	DC	18	3	0.25	1.6	1.5	±0.2	20	0/-5V	1.35×1×0.1
NDAC05005	DC	18	3	0.5	1.5	1.3	±0.3	20	0/-5V	1.22×1.2×0.1
NDAC050041	DC	18	6	0.5	4	1.3	±(0.3+5%Ai)	20	0/-5V	2.6×1×0.1
NDAC050062	DC	18	6	0.5	4.5	1.5	±(0.3+5%Ai)	20	TTL(-5V)	2.6×1.35×0.1
NDAC050054	DC	20	1	32	2.0	1.4	±1.5	20	0/-5V	1.2×1.1×0.1
NDAC05007	DC	20	3	0.25	0.55	1.3	±(0.3+5%Ai)	20	0/5V	1.35×1×0.1
NDAC05066	DC	20	5	0.5	2.5	1.3	±(0.3+5%Ai)	20	TTL(-5V)	2×1.15×0.1
NDAC050045	DC	40	3	5	5	1.4	±(0.3+10%Ai)	20	TTL(-5V)	2.18×1.01×0.1
NDAC050055	0.5	4	3	0.8	1	1.5	±(0.3+10%Ai)	20	0/-5V	1.46×1.12×0.1
NDAC050060	0.5	6	6	0.5	2.5	1.5	±(0.3+10%Ai)	20	TTL(-5V)	1.4×0.9×0.1
NDAC050047	1	8	6	0.5	2.0	1.3	±(0.3+5%Ai)	20	TTL(+5V)	1.5×1×0.08
NDAC05032	2	6.5	6	0.5	3	1.4	±(0.3+5%Ai)	20	0/-5V	3.25×1.2×0.1
NDAC050011	2	18	1	10	2	1.6	±1	20	0/-5V	0.8×0.8×0.08
NDAC050012	2	18	1	20	2	1.5	±2	20	0/-5V	0.8×0.8×0.08
NDAC05014	5	6	6	0.5	1.8	1.4	±(0.3+4%Ai)	20	0/-5V	3.25×1×0.1
NDAC050022	6	18	3	5	3.5	1.5	±(0.3+5%Ai)	20	0/-5V	2.49×1.24×0.1
NDAC05063	6	18	5	0.5	3.8	1.4	±(0.3+5%Ai)	20	0/-5V	2.35×1.25×0.1
NDAC050024	6	18	6	0.5	5	1.5	±(0.3+8%Ai)	20	0/-5V	3.25×1.2×0.1
NDAC05015	8	12	6	0.5	3.5	1.4	±(0.3+5%Ai)	20	0/-5V	3.25×1.25×0.1
NDAC050056	8	12	6	0.5	4	1.6	±(0.3+5%Ai)	20	0/-5V	3.25×1.20×0.1
NDAC05009	9	10	5	0.5	2.5	1.3	±(0.3+5%Ai)	20	0/-5V	2.33×1.2×0.1
NDAC050028	14	18	3	25	0.8	1.4	±1.5	20	0/-5V	0.8×1×0.08

GaAs Digital Attenuator

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Bits	Step (dB)	IL (dB)	VSWR	Attenuation Accuracy	Switch Time (ns)	Control Voltage	Dimension (mm)
NDAC05033	14	18	6	0.5	4.5	1.4	±(0.3+5%Ai)	20	0/-5V	3×1.25×0.1
NDAC05034	17	23	5	0.5	2.5	1.5	±(0.3+5%Ai)	20	0/-5V	1.35×1.08×0.1
NDAC050031	19	23	6	0.5	2	1.5	±(0.3+5%Ai)	20	0/-5V	3.25×1×0.1
NDAC05016	20	30	6	0.5	3	1.5	±(0.3+7%Ai)	20	0/-5V	2.75×1×0.1
NDAC05017	20	40	3	0.4	1.8	1.4	±(0.2+5%Ai)	20	0/-5V	0.85×0.75×0.1
NDAC050057	20	40	3	0.4	2	1.6	±(0.2+5%Ai)	20	0/-5V	0.85×1.06×0.1
NDAC05018	20	40	5	0.5	1.8	1.4	± (0.3+7%Ai)	20	0/-5V	2.35×1×0.1
NDAC050035	25	50	6	0.5	3.5	1.5	± (0.3+6%Ai)	20	0/-5V	3.1×1.05×0.1
NDAC050063	26.5	40	4	0.5	4	2	±(0.3+10%Ai)	20	TTL(-5V)	1.3×1.4×0.08
NDAC05067	30	40	1	20	1.2	1.3	±1	20	TTL(-5V)	1.5×1×0.08
NDAC050049	30	40	1	30	1.4	1.4	±2.5	20	TTL(-5V)	1.7×1×0.08
NDAC05045	30	40	5	0.5	2	1.5	±(0.2+7%Ai)	20	0/-5V	2.35×1×0.1
NDAC050058	33	37	5	0.5	2.3	1.6	± (0.3+4%Ai)	20	0/-5V	2.35×1×0.1
NDAC050059	33	37	6	0.5	3.5	1.7	± (0.3+5%Ai)	20	0/-5V	3.1×1.05×0.08
NDAC050038	42	46	5	0.5	2.6	1.4	±(0.2+5%Ai)	20	0/-5V	2.05×0.8×0.1

GaAs FET Switch

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	Return Loss (dB)	Pin-1 (dBm)	VSWR	Switch Time (ns)	Control Voltage	Dimension (mm)
NDAC08001	SPDT	DC	4	0.5	35	21	25	1.2	10	0/-5V 5V/0V	0.7×0.7×0.1
NDAC08002	SPDT	DC	4	0.8	55	18	25	1.3	10	0/-5V	1.33×1×0.1
NDAC08070	SPDT	DC	4	0.9	55	18	25	1.3	10	TTL(-5V)	1.05×0.9×0.1
NDAC08051	SP4T	DC	4	1	50	18	25	1.3	10	0/-5V	1.5×1.5×0.1
NDAC08052	SP6T	DC	4	1.3	40	16	25	1.4	10	0/-5V	1.5×2.15×0.1
NDAC08071	SP6T	DC	4	1.3	40	16	25	1.4	10	TTL(-5V)	1.6×2.15×0.1
NDAC080066	SP3T	DC	6	0.9	40	18	25	1.3	10	0/-5V	1.92×1.57×0.1
NDAC08053	SP3T	DC	6	1.5	45	18	25	1.3	10	0/-5V	1.57×1.92×0.1
NDAC08006	SPDT	DC	10	1	50	18	25	1.3	10	0/-5V	1.45×1.44×0.1
NDAC080010	SPDT	DC	11	0.8	32	21	25	1.2	10	0/-5V	0.7×0.9×0.1
NDAC080011	SPDT	DC	12	0.7	38	18	25	1.3	10	0/-5V 5V/0V	0.8×0.75×0.1
NDAC080059	SPDT	DC	12	0.8	40	18	32	1.3	10	0/-5V	1.01×1×0.1
NDAC08072	SP3T	DC	12	2	60	18	25	1.3	10	TTL(-5V)	1.8×1.8×0.08
NDAC080013	SPDT	DC	18	1.5	60	21	25	1.2	10	TTL(-5V)	1.5×1.2×0.08
NDAC080014	SPDT	DC	18	1.5	60	21	25	1.2	10	TTL(-5V)	1.5×1.2×0.08
NDAC080015	SPDT	DC	18	1.5	60	21	25	1.2	10	TTL(-5V)	1.5×1.2×0.08
NDAC08019	SP3T	DC	18	1.7	55	18	25	1.3	10	TTL(-5V)	1.55×1.5×0.1
NDAC08074	SP3T	DC	18	1.2/2.5	50	21	25	1.2	10	TTL(-5V)	1.55×1.5×0.1
NDAC08075	SP4T	DC	18	1.8/2.6	50	18	25	1.3	20	TTL(-5V)	1.8×2.0×0.08
NDAC080064	SP4T	DC	18	1.8/2.6	50	18	25	1.3	20	TTL(-5V)	1.8×2.0×0.08
NDAC080020	SPST	DC	20	1.2	55	21	25	1.2	10	TTL(-5V)	1.07×1×0.08
NDAC08009	SPDT	DC	20	1.3	40	18	25	1.3	10	0/-5V	1.05×1×0.1
NDAC08046	SPDT	DC	20	1.5	40	18	25	1.3	20	TTL(-5V)	1×1×0.08
NDAC080062	SPDT	DC	20	1.5	40	18	25	1.3	20	TTL(-5V)	1×1×0.08
NDAC08008	SPDT	DC	20	2	55	18	25	1.3	10	0/-5V	1×2×0.08
NDAC08076	SPDT	DC	20	2	55	21	25	1.2	10	TTL(-5V)	2.0×1.0×0.08
NDAC080026	SPDT	DC	20	2	55	21	25	1.2	10	TTL(-5V)	2.0×1.0×0.08
NDAC08077	SP4T	DC	20	1.8/2.5	45	14	25	1.5	20	TTL(-5V)	1.8×2.0×0.08
NDAC080065	SP4T	DC	20	1.8/2.5	45	14	25	1.5	20	TTL(-5V)	1.8×2.0×0.08
NDAC08057	SPDT	DC	25	2	45	18	25	1.3	10	0/-5V	1×2×0.08
NDAC08078	SPDT	DC	25	2	45	18	25	1.3	10	TTL(-5V)	2.0×1.0×0.08
NDAC080063	SPDT	DC	25	2	45	18	25	1.3	10	TTL(-5V)	2.0×1.0×0.08
NDAC080032	SP4T	DC	35	2.5	35	18	25	1.3	10	TTL(-5V)	1.45×1.2×0.08
NDAC080033	SPST	DC	40	0.8	40	18	25	1.3	10	TTL(-5V)	1.57×0.8×0.1
NDAC080034	SPDT	DC	40	2.5	40	18	25	1.3	10	TTL(-5V)	1.01×1.29×0.08
NDAC080060	SPDT	DC	40	2.5	40	18	25	1.3	10	TTL(-5V)	1.01×1.29×0.08
NDAC080036	SPST	DC	50	1	22	18	25	1.3	10	0/-5V	1.3×1.3×0.08

GaAs FET Switch

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	Return Loss (dB)	Pin-1 (dBm)	VSWR	Switch Time (ns)	Control Voltage	Dimension (mm)
NDAC080037	SPDT	0.1	4	1	36	13	25	1.6	10	0/-5V	1.2×1.45×0.1
NDAC080038	SPDT	0.2	4	0.8	70	18	25	1.3	50	TTL(+5V)	1.8×1.7×0.1
NDAC080039	SPDT	0.2	4	0.8	70	18	25	1.3	50	TTL(+5V)	1.8×1.7×0.1
NDAC080040	SP4T	0.5	4	0.8	50	21	25	1.2	10	TTL(+5V)	1.5×1.5×0.08
NDAC080041	SP4T	0.5	4	0.8	50	21	25	1.2	10	TTL(+5V)	1.5×1.5×0.08
NDAC08021	SPDT	0.5	6	0.8	42	18	25	1.3	10	0/-5V 5V/0V	0.75×1×0.08
NDAC08028	SP3T	5	6	0.8/1.8	50	18	25	1.3	20	0/-5V	2×2×0.1
NDAC080061	SP3T	5	6	0.8/1.8	50	18	25	1.3	20	0/-5V	2×2×0.1
NDAC08063	SP3T	6	18	3	40	18	25	1.3	10	0/-5V	1.9×1.52×0.1
NDAC08062	SP3T	6	18	2/3.3	40	18	25	1.3	10	0/-5V	1.92×1.57×0.1
NDAC08060	SPDT	8	12	0.8	20	18	33	1.3	10	0/-5V	1.25×1.8×0.1
NDAC08061	SP3T	8	12	2	40	18	25	1.3	10	0/-5V	1.52×1.9×0.1
NDAC08011	SP3T	8	12	2	40	18/21	25	1.3/1.2	10	0/-5V	1.57×1.92×0.1
NDAC08033	SP3T	8	12	1.5/2.5	43	18	25	1.3	10	0/-5V	1.92×1.57×0.1
NDAC080051	SP3T	8	12	1.5/2.5	43	18	25	1.3	10	0/-5V	1.92×1.57×0.1
NDAC080052	SPDT	12	18	1.7	57	26	28	1.1	10	TTL(-5V)	1.5×1.2×0.08
NDAC08064	SP3T	14	18	1.5/2.7	35	18	25	1.3	10	0/-5V	1.35×1.45×0.1
NDAC08065	SPDT	17	23	0.8	28	18	25	1.3	10	0/-5V	1.8×0.8×0.1
NDAC08082	SPDT	17	23	0.8	28	18	25	1.3	10	TTL(-5V)	1.8×1×0.08
NDAC08066	SPDT	18	23	2.2	35	12	25	1.7	10	0/-5V	0.8×1.1×0.1
NDAC080057	SPST	20	40	0.8	25	14	25	1.5	10	0/-5V	1.2×0.72×0.08
NDAC080058	SPDT	20	40	1.8	40	11	25	1.8	10	0/-5V	1×1.2×0.08
NDAC08067	SPDT	23	32	1	22	18	25	1.3	10	0/-5V	1.55×0.8×0.08
NDAC08038	SPDT	25	30	0.8	23	18	25	1.3	10	0/-5V	1.55×0.8×0.08
NDAC08083	SPDT	25	32	1	22	18	25	1.3	10	TTL(-5V)	1×1.55×0.08
NDAC08041	SPDT	30	40	0.8	24	18	25	1.3	10	0/-5V	1.55×0.8×0.08
NDAC08050	SPDT	30	40	0.8	24	18	25	1.3	10	TTL(-5V)	1×1.55×0.08
NDAC08069	SPDT	35	50	1.3	20	14	25	1.5	10	0/-5V	0.8×1.4×0.08
NDAC08084	SPDT	35	50	1.3	20	14	25	1.5	10	TTL(-5V)	1×1.4×0.08
NDAC08086	SPDT	40	66	1.8	20	14	25	1.5	10	TTL(-5V)	1.3×1.0×0.08
NDAC08085	SPDT	50	60	1.5	20	14	25	1.5	10	TTL(-5V)	1.3×1.2×0.08

GaAs Mixer

P/N	RF Start Freq. (GHz)	RF Stop Freq. (GHz)	LO Start Freq. (GHz)	LO Stop Freq. (GHz)	IF Freq. (GHz)	IL (dB)	LO/RF Isolation (dB)	LO/IF Isolation (dB)	Dimension (mm)
NDAC09016	0.1	50	0.1	50	DC-5.0	6.5	40	30	0.84×0.65×0.1
NDAC090074	0.1	67	0.1	67	DC-5.0	6.5/18	50	30	1.0×0.8×0.08
NDAC09017	0.1	67	0.1	67	DC-5.0	6.5/18	50	30	0.85×0.65×0.1
NDAC090003	0.5	1.5	0.5	1.5	DC-0.2	9	40	30	3.71×2.1×0.1
NDAC09018	1	3	1	3	DC-1.3	7	30	15	3.48×2×0.08
NDAC09003	1.6	4.9	1.6	4.9	DC-2.4	7	30	15	2.44×2×0.08
NDAC090006	1.8	5	1.8	5	DC-2	7	40	40	1.99×1.5×0.1
NDAC090007	1.8	5	1.8	5	DC-2	7	40	40	1.99×1.5×0.1
NDAC09019	2	6	2	6	DC-3.0	6.5	20	15	1.4×2.3×0.08
NDAC090009	2.5	6	2.5	6	0.1-1.5	8	30	25	1.88×1.64×0.1
NDAC090010	3	20	3	20	DC-4	9	50	30	1.90×1.17×0.08
NDAC090115	3	20	3	20	DC-9	8	45	25	4.22×1.88×0.1
NDAC09020	3.5	10.5	3.5	10.5	DC-4.2	7	40	15	1×1.7×0.08
NDAC090038	3.6	8	3.6	8	DC-2.5	8	35	20	1.5×1.0×0.08
NDAC09021	3.6	8	3.6	8	DC-2.5	8	35	20	2.43×2.14×0.08
NDAC090013	4	8	4	8	DC-6.0	10.5	35	40	2.43×2.14×0.08
NDAC090014	4	10	4	10	DC-3.0	7	40	35	1.4×1.0×0.08
NDAC09022	4.4	13.6	4.4	13.6	DC-6.0	7.5	30	35	1.1×1.3×0.08
NDAC090017	6	18	6	18	DC-3.0	7	35	30	1.4×1.2×0.1
NDAC090116	6	18	6	18	DC-6.0	9	55	40	1.42×1.05×0.10
NDAC09024	6	18	6	18	DC-7.0	8	30	30	1.41×0.82×0.08
NDAC090018	8	11	8	11	DC-6.0	9	45	40	1.22×0.83×0.08
NDAC090065	8.00	11.00	8.00	11.00	DC-6.0	9.00	45.00	40.00	1.22×0.83×0.08
NDAC09025	8.5	13.5	8.5	13.5	DC-3.5	8	40	17	1.49×1.14×0.08
NDAC09014	9	23	9	23	DC-8.0	8	30	40	1×0.9×0.08
NDAC090067	9.00	23.00	9.00	23.00	DC-8.0	8.00	30	40.00	1×0.9×0.08
NDAC09026	11	16	11	16	DC-3.5	8	40	20	1.49×1.14×0.08
NDAC09027	14	24	14	24	DC-3.5	8	38	20	1.49×1.14×0.08
NDAC090025	18	32	18	32	DC-8.0	7.5	30	40	1.04×0.59×0.08
NDAC090026	18	46	18	46	DC-20	7.5	35	20	0.97×1.15×0.08
NDAC090027	18	50	18	50	DC-18.0	8	35	25	1.31×0.91×0.08
NDAC090054	18	65	18	65	DC-15	6	40	30	1.53×1.78×0.1
NDAC090055	18	65	18	65	DC-15	6	40	30	2.54×3.24×0.1
NDAC090113	18	65	18	65	DC-15	8	45	30	1.45×1.60×0.1
NDAC090114	18	65	18	65	DC-2.5	8	45	35	2.44×2.52×0.1
NDAC090039	18	65	18	65	DC-24	7	35	35	1.45×1.65×0.1
NDAC09015	19	40	19	40	DC-18.0	9	30	32	1.01×0.82×0.08

GaAs Mixer

P/N	RF Start Freq. (GHz)	RF Stop Freq. (GHz)	LO Start Freq. (GHz)	LO Stop Freq. (GHz)	IF Freq. (GHz)	IL (dB)	LO/RF Isolation (dB)	LO/IF Isolation (dB)	Dimension (mm)
NDAC090029	19	40	19	40	DC-18.0	9	30	32	1.01×0.82×0.08
NDAC090117	20	40	20	40	DC-24	7	50	40	1.40×1.40×0.10
NDAC090071	24.00	40.00	24.00	40.00	DC-18.0	7.50	28.00	35.00	1.01×0.82×0.08
NDAC09031	31	38	31	38	DC-3	7.5	30	15	1.35×1.6×0.08
NDAC090037	33	42	33	42	DC-3.0	11	23	50	1.5×1.0×0.08
NDAC09032	33	42	33	42	DC-3.0	11	23	50	1.05×1.4×0.08
NDAC090098	34	50	8.525	12.525	0.1-3	14	32	62	1.80×1.66×0.1
NDAC090036	40	90	40	90	DC-18	8.5	37	37	1.03×1.68×0.05
NDAC090097	40	90	40	90	DC-50	8	55	50	1.34×1.23×0.1
NDAC090118	43	75	43	75	DC-30	7	50	40	1.34×1.23×0.10
NDAC09029	45	53	26	33	16～23	8	33	30	1.0×1.4×0.08
NDAC09030	45	53	26	33	16-23	8	33	33	1.0×0.8×0.08

GaAs Limiter

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Limit Power (dBm)	IL (dB)	Clipping Level (dBm)	$VSWR_{in}$	$VSWR_{out}$	Mode	Dimension (mm)
NDAC120001	0.1	4	46	0.3	15	1.3	1.3	3ms 35%	1.2×1.4×0.1
NDAC120002	0.1	40	30	1	14	1.8	1.8	CW	1.7×1.2×0.1
NDAC12038	0.3	2	40	1.5	16	1.5	1.5	1us,10%	1.5×1.3×0.1
NDAC120004	0.8	18	38	0.6	15	1.5	1.5	CW	1.5×0.9×0.1
NDAC120005	1	4	45	0.2	16	1.1	1.1	100us，20%	1.7×0.9×0.1
NDAC120068	1.1	1.6	49	0.2	17	1.3	1.3	250μs，25%	1.3×2×0.1
NDAC120069	1.1	1.6	49	0.2	17	1.3	1.3	250μs，25%	1.3×2×0.1
NDAC120009	1.2	1.4	43	0.2	16	1.4	1.4	PL	1.2×1.6×0.1
NDAC120010	1.2	1.4	43	0.2	16	1.4	1.4	PL	1.2×1.6×0.1
NDAC120008	1.2	1.4	51.8	1.3	16	1.3	1.3	200us,20%	2.1×1.2×0.1
NDAC120012	1.2	1.4	80	0.2	16	1.4	1.4	1ms，30%	1.2×1.6×0.1
NDAC120013	2	6	33	0.5	16	1.4	1.4	CW	1.5×1.2×0.1
NDAC120066	2	6	43	0.3	15	1.4	1.4	CW	2×0.78×0.1
NDAC120064	2	6	49	0.5	15	1.5	1.5	CW	1.7×1.3×0.1
NDAC120015	2	6	53	0.5	16	1.4	1.4	PL	1.5×1.2×0.1
NDAC12023	2	6	80	0.5	16.5	1.5	1.5	0.02ms,10%	1.5×1.3×0.1
NDAC120017	2	18	37	0.6	17	1.5	1.5	CW	1.23×0.66×0.1
NDAC120018	2	18	37	0.6	17	1.5	1.5	CW	1.23×0.66×0.1
NDAC120019	2	18	40	0.6	16	1.5	1.5	CW	1.5×0.9×0.1
NDAC120067	2	18	50	0.9	17	1.8	1.8	50μs，5%	1.5×1.2×0.1
NDAC120020	2	18	100(PL) 10W(CW)	0.9	17	1.6	1.6	50us,5%	1.5×1.2×0.1
NDAC120058	2.7	3.5	46	0.3	15	1.4	1.4	1ms，30%	1.7×1.5×0.1
NDAC120059	2.7	3.5	46	0.3	15	1.4	1.4	1ms，30%	1.7×1.5×0.1
NDAC120071	4	5	49	0.6	15	1.7	1.7	1.5ms，30%	2×1.5×0.1
NDAC120023	4	7	44	0.3	16	1.2	1.2	CW	1.2×1.1×0.1
NDAC120024	5	6	41.8	0.5	17	1.5	1.5	100us，10%	1.7×1.2×0.1
NDAC120025	5	6	51.8	0.6	17	1.6	1.5	800us，20%	2×1.5×0.1
NDAC120026	5	10	40	0.4	15	1.5	1.5	300us, 50%	1.3×1.3×0.1
NDAC120027	5	13	43	0.5	16	1.6	1.6	CW	1.6×1.2×0.1
NDAC120028	5	13	46	0.6	16	1.5	1.5	200us，25%	1.6×1.2×0.1
NDAC120065	5	13	46	0.55	16	1.5	1.5	200us,25%	1.6×1.2×0.1
NDAC120029	5	13	48.5	0.9	17	2.1	2.1	200us，25%	1.7×1.2×0.1
NDAC120031	6	10	46	0.6	15	1.3	1.3	CW	1.8×1.4×0.1
NDAC120032	6	18	33	0.8	17	1.6	1.6	CW	1.5×1.2×0.1
NDAC120034	6	18	43	0.8	16	1.5	1.5	PL	1.5×1×0.1
NDAC120035	6	18	46	0.7	17	1.6	1.6	200us，25%	1.5×1.1×0.1

GaAs Limiter

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Limit Power (dBm)	IL (dB)	Clipping Level (dBm)	$VSWR_{in}$	$VSWR_{out}$	Mode	Dimension (mm)
NDAC120033	6	18	50	0.8	16	1.6	1.6	PL	1.5×1×0.1
NDAC120036	7	8.6	40	0.6	14.5	1.3	1.3	CW	1.8×1.4×0.1
NDAC120072	7	13	48	0.6	16	1.5	1.5	200us,15%	1.3×1.8×0.1
NDAC120060	8	12	40	0.3	15	1.3	1.3	CW	0.9×1.2×0.1
NDAC120061	8	12	40	0.3	15	1.3	1.3	CW	0.9×1.2×0.1
NDAC120038	8	12	47	0.7	16	1.4	1.4	10ms，30%	1.7×1.4×0.1
NDAC12048	8	12	10W	0.5	16	1.5	1.5	CW	2×0.78×0.1
NDAC120063	8	18	47	0.9	17	1.4	1.4	200us,25%	1.5×1.1×0.1
NDAC12027	8.5	10.5	47	0.6	15	1.6	1.6	PL	1.4×1.4×0.1
NDAC120041	8.5	10.5	47	0.6	15	1.6	1.6	PL	1.4×1.4×0.1
NDAC120073	8.5	10.5	47	0.6	15	1.6	1.6	2ms.30%	1.4×1.4×0.1
NDAC120042	8.5	16	43	0.8	15	1.5	1.5	3ms, 30%	1.7×0.72×0.1
NDAC120040	9	10	47	0.6	15	1.6	1.6	PL	1.4×1.4×0.1
NDAC120043	9	10.2	36	0.3	17	1.5	1.5	4W(CW)	0.8×0.9×0.1
NDAC120062	9	10.2	36	0.3	17	1.5	1.5	CW	0.8×0.9×0.1
NDAC120045	10	18	44	0.8	15	1.5	1.5	3ms,30%	1.4×1.1×0.1
NDAC120053	15	17	46	0.55	15	1.5	1.5	CW	1.2×0.75×0.1
NDAC120046	15.7	17.7	47	0.9	16	1.6	1.6	CW	1.4×1.1×0.1
NDAC120070	15.7	17.7	49	1	15	1.4	1.4	CW	1.45×1.2×0.1
NDAC120047	16	17.4	49	0.6	16	1.2	1.2	150,20%	1.3×1.1×0.1
NDAC120057	16	18	38	0.35	15	1.2	1.2	CW	1.2×0.74×0.1
NDAC120055	19	23	43	0.4	15	1.2	1.2	200us,25%	1.2×1.1×0.1
NDAC120056	19	23	46	0.7	15	1.6	1.6	200us,25%	1.2×1.1×0.1
NDAC120054	30	40	33	1	15	1.5	1.5	CW	1×1×0.1
NDAC120049	32	38	38	0.8	18	1.5	1.5	CW	1.7×0.9×0.1
NDAC120050	32	40	33	1.3	16	2	2	2W(CW)	1×1×0.1
NDAC120052	33	35	33	0.8	17	1.5	1.5	2(50us,20)	1.4×0.9×0.1

Power Divider

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	VSWR	Dimension (mm)
NDAC190001	2-way	0.5	1.5	1	20	1.4	1.7*1.4*0.1
NDAC190002	2-way	1	2	0.8	20	1.5	1.25*1.0*0.1
NDAC190003	4-way	1	2	1.2	20	1.5	3.0*2.05*0.1
NDAC190004	2-way	1.2	1.4	0.6	25	1.1	1.8*1.8*0.1
NDAC190005	2-way	2	3	0.5	20	1.3	2.1*2.4*0.1
NDAC190006	2-way	2	6	0.8	20	1.4	2.65*2.6*0.1
NDAC190007	3-way	2	6	1	18	1.5	2.0*1.5*0.1
NDAC190008	4-way	2	6	1.5	20	1.5	4.2*4.9*0.1
NDAC190009	2-way	2	12	0.8	15	1.6	2.6*2.6*0.1
NDAC190010	2-way	2	18	0.5	10	1.8	1.0*0.7*0.08
NDAC190011	2-way	2	18	1	15	1.5	1.0*0.9*0.08
NDAC190012	2-way	2	18	1	16	1.4	1.8*1.8*0.1
NDAC190013	2-way	2	18	1.2	15	1.5	1.0*1.5*0.1
NDAC190014	3-way	2	18	1.8	15	1.5	3.55*3*0.1
NDAC190015	3-way	2.5	12	1	1.5	20	3.0*2.7*0.1
NDAC190016	2-way	3	5	0.5	20	1.3	1.8*2.1*0.1
NDAC190017	3-way	3	9	1.2	18	1.5	3.6*3*0.1
NDAC190018	2-way	4	6	0.5	20	1.3	1.8*2.1*0.1
NDAC190019	2-way	5	6	0.8	20	1.4	1.4*0.9*0.1
NDAC190020	2-way	5	7	0.5	20	1.3	1.6*1.76*0.1
NDAC190021	2-way	5	14	0.8	18	1.5	1.8*2.2*0.1
NDAC190022	4-way	5	14	1.6	20	1.5	4*3.2*0.1
NDAC190023	2-way	5	18	0.8	18	1.5	1.0*0.8*0.1
NDAC190024	2-way	5	20	1	18	1.4	1.0*0.8*0.1
NDAC190025	2-way	6	8	0.5	20	1.3	1.6*1.6*0.1
NDAC190026	2-way	6	18	0.6	20	1.2	1.4*0.9*0.1
NDAC190027	2-way	6	18	0.7	20	1.5	2*1.8*0.1
NDAC190028	2-way	6.5	9.5	0.5	20	1.3	1.6*1.6*0.1
NDAC190029	2-way	7	11	0.5	18	1.4	1.6*1.6*0.1
NDAC190030	2-way	8	12	0.6	20	1.4	1.6*1.2*0.1
NDAC190031	3-way	8	12	0.9	17	1.5	1.45*1.25*0.1
NDAC190032	3-way	8	12	1	20	1.5	2*1.8*0.1
NDAC190033	4-way	8	12	1.5	22	1.5	2.3*2.6*0.1
NDAC190034	2-way	9	16	0.8	20	1.4	1.8*2*0.1
NDAC190035	2-way	10	14	0.4	20	1.4	1.36*1.6*0.1
NDAC190036	3-way	10	18	0.8	18	1.4	1.9*1.5*0.1
NDAC190037	2-way	12	16	0.6	20	1.3	1.26*1.6*0.1

Power Divider

P/N	Type	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Isolation (dB)	VSWR	Dimension (mm)
NDAC190038	3-way	12	18	0.8	18	1.4	1.9*1.5*0.1
NDAC190039	4-way	12	18	1.5	20	1.5	2*2.2*0.1
NDAC190040	2-way	12	26	0.8	18	1.4	1.8*2*0.1
NDAC190041	3-way	14	18	0.8	18	1.4	1.9*1.5*0.1
NDAC190042	4-way	14	18	1.5	20	1.5	2*2.1*0.1
NDAC190043	2-way	16	22	0.6	20	1.4	1.2*1.2*0.1
NDAC190044	4-way	18	25	1.6	20	1.5	2*2*0.1
NDAC190045	3-way	18	26	0.8	20	1.5	1.8*1.5*0.1
NDAC190046	2-way	18	34	0.8	18	1.5	1.8*2*0.1
NDAC190047	2-way	18	40	0.5	22	1.4	1.25*0.9*0.1
NDAC190048	3-way	18	40	0.8	20	1.5	2*1.5*0.1
NDAC190049	2-way	18	40	0.8	20	1.4	1.0*0.8*0.08
NDAC190050	4-way	18	40	1.4	20	1.4	1.1*1.6*0.08
NDAC190051	2-way	19	24	0.6	22	1.4	1.8*1.35*0.1
NDAC190053	2-way	20	28	0.8	20	1.5	1.5*1.2*0.1
NDAC190054	2-way	23	29	0.8	20	1.5	1.2*1.2*0.1
NDAC190055	4-way	23	30	1.5	20	1.5	2*2*0.1
NDAC190056	3-way	24	30	1	18	1.5	1.5*1.5*0.1
NDAC190057	2-way	25	28	0.4	25	1.4	1.83*1.74*0.1
NDAC190058	2-way	25	45	1	18	1.5	1.8*1.2*0.1
NDAC190060	2-way	27	33	0.8	20	1.5	1.2*1.2*0.1
NDAC190061	2-way	29	36	1	20	1.5	1.2*1.2*0.1
NDAC190062	3-way	31	43	1.2	18	1.5	1.6*1.5*0.1
NDAC190063	4-way	31	38	1.5	20	1.5	1.8*2.0*0.1
NDAC190064	2-way	32	38	0.4	22	1.3	1.0*1.2*0.1
NDAC190065	2-way	34	41	0.8	20	1.5	1*1.2*0.1
NDAC190066	2-way	37	43	0.8	20	1.5	1*1.2*0.1
NDAC190067	2-way	40	50	0.6	20	1.4	0.84*1.2*0.1

Lange Bridge

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	IL (dB)	Limit Power (dBm)	Integrated Load	Dimension (mm)
NDAC180029	0.4	0.6	1	40	Y	5×3×0.1
NDAC180001	1.15	1.45	1	40	Y	5.0×1.6×0.1
NDAC180002	1.2	1.4	1	40	Y	4.3×1.6×0.1
NDAC180003	1.2	1.4	1	40	Y	5.0×1.6×0.1
NDAC180030	1.2	1.4	1	40	Y	5×1.6×0.1
NDAC180004	1.3	2.4	1	40	N	2.6×2.6×0.1
NDAC180005	2	6	0.5	40	N	7×1.4×0.4
NDAC180006	2	6	0.5	46	Y	1.80×5.00×0.30
NDAC180007	2.7	3.5	0.9	40	Y	2.3×1.8×0.1
NDAC180008	2.7	3.5	0.9	40	N	3×1.1×0.1
NDAC180010	5	7	0.5	50	Y	3.9×1.3×0.3
NDAC180011	5	7	0.5	50	Y	3.9×1.4×0.3
NDAC180009	5	10	0.8	50	Y	2.48×7.05×0.3
NDAC180012	6	18	0.6	40	N	4.7×1.5×0.4
NDAC180013	6	18	0.7	40	N	4.7×1.8×0.4
NDAC180014	6	18	1	50	Y	2.55×7.5×0.3
NDAC180015	7	9	0.6	40	N	2.2×1.7×0.1
NDAC180016	8	12	0.5	40	N	4.7×1.5×0.4
NDAC180018	8	12	0.8	40	Y	0.247×0.713×0.38
NDAC180017	8	12	1	50	Y	2.55×7.5×0.3
NDAC180019	14	18	0.5	40	N	2.2×1.7×0.1
NDAC180020	18	24	0.6	40	N	2.2×1.7×0.1
NDAC180021	18	24	1	40	N	2.4×1.2×0.1
NDAC180022	22	25	0.5	40	Y	1.9×0.9×0.1
NDAC180023	24	28	0.5	40	Y	2.2×0.9×0.1
NDAC180024	26	40	0.5	40	Y	2.2×0.9×0.1
NDAC180025	29	31	0.6	40	Y	2.2×0.9×0.1
NDAC180026	33	37	0.5	40	Y	2.2×0.9×0.1
NDAC180027	33	37	0.6	50	Y	2.7×0.77×0.3
NDAC180028	35	45	0.7	40	Y	2.2×0.9×0.1

Parallel Port Driver

P/N	Function	Max. Operating Freq. (MHz)	Operating Voltage (V)	Idq (mA)	Carrying Capacity	Output Voltage (V)	Dimension (mm)
NDAC260001	28V Single circuit switch driver	10	28	< 1	/	0V~ + 28V	0.75×1.4×0.3
NDAC260002	2-4 decoding -40V driver	10	-5/-40	< 1	/	-40V~0V	1.7×1.4×0.3
NDAC260003	28V 2-4 decoding -40V driver	10	28	< 1	/	0V~+28V	1.6×1.4×0.3
NDAC260004	4~16 decoding circuit	20	+5	< 1	/	CMOS	2×1×0.3
NDAC260005	4 way TTL driver	20	+5	< 100μA	/	CMOS	2×0.7×0.3
NDAC260006	5V 200mA driver	10	+5	< 1	200mA	0V~ + 5V	1.6×0.8×0.3
NDAC260007	5V 400mA driver	10	+5	< 1	400mA	0V~ + 5V	1.6×1.4×0.3
NDAC260008	5V 700mA / 5V 100mA	10	+5	< 1	700mA	0V~ + 5V	2.6×1.6×0.3
NDAC260010	5V 200mA / 5V 4mA 2 way switch driver	20	+5	< 1	200mA	0V~ + 5V 0V~-5V	1.45×1.05×0.3
NDAC260011	3~8 decoding circuit	20	+5	< 1	/	0V~ + 5V	1.45×1.45×0.3
NDAC260012	4~16 decoding circuit	20	+5	< 1	/	0V~ + 5V	1.45×1.65×0.3
NDAC260013	1 way driver	20	-5	< 1	/	-5V~0V	1.3×0.75×0.3
NDAC260014	2 way driver	20	-5	< 1	/	-5V~0V	1.3×1.05×0.3
NDAC260015	2-4 decoding driver	20	-5	< 1	/	-5V~0V	1.3×1.9×0.3
NDAC260016	2-4 decoding driver	20	-5	< 1	/	-5V~0V	1.3×1.9×0.3
NDAC260017	3 way driver	20	-5	< 1	/	-5V~0V	1.3×1.35×0.3
NDAC260018	4 way driver	20	-5	< 1	/	-5V~0V	1.3×1.9×0.3
NDAC260019	5 way driver	20	-5	< 1	/	-5V~0V	1.3×2.25×0.3
NDAC260020	6 way driver	20	-5	< 1	/	-5V~0V	1.3×2.25×0.3
NDAC260021	6 way driver	20	-5	< 1	/	-5V~0V	1.3×2.25×0.3
NDAC260022	6 way driver	20	-5	< 1	/	-5V~0V	1.3×0.9×0.3

Serial / Parallel Driver

P/N	Function	Max. Operating Freq. (MHz)	Operating Voltage (V)	Idq (mA)	Other Functions	Dimension (mm)
NDAC270001	8-bit serial parallel conversion driver	10	+5V	5.5	CLK、DATA、LOAD	1.7×1.0×0.08
NDAC270002	32bit/26bit optional serial driver	40	+5V	< 1	CLK、SI、CS、SYN、TRR、TRT、MODE，Negative current protection，Power-On Reset，0V~5V，single-ended output	2.2×0.8×0.3
NDAC270003	28 bit serial parallel conversion driver	40	+5V	< 1	CLK、DATA、SEL、LOAD、TR、SET、T、R，Power-On Reset，0V~5V，single-ended output	2.9×1.1×0.3
NDAC270004	12/6 bit optional serial to parallel conversion driver	40	±5V	< 1	CLK、SI、CS、SYN、TRR、TRT、MODE，Differential Output，Output Voltage -5V~0V	1.65×1.45×0.3
NDAC270005	8-bit serial parallel conversion driver	10	+5V	5.5	CLK、DATA、LOAD	1.7×1.0×0.08
NDAC270006	48-bit serial parallel conversion driver	10	+5V	20	CLK、DATA、LATCH、TRT、SO	2.8×2.3×0.08
NDAC270007	8-bit serial parallel conversion driver	10	-5V	7	CLK、DATA、LOAD	2.6×1.2×0.08

Power Management Driver

P/N	Function	Input Voltage (V)	Output Voltage (V)	Idq (mA)	Carrying Capacity	Dimension (mm)
NDAC280001	Linear Regulator，Enable Control, Over Temp. Protection、Overcurrent Protection	+3V~+5V	1V~V_{IN}-0.3V	1	1A	1.45×1.05×0.3
NDAC280002	Linear Regulator，Enable Control, Over Temp. Protection、Overcurrent Protection	4V~5.5V	3.3V	1	400mA	1.55×1.55×0.3
NDAC280003	Linear Regulator	4V~5.5V	3.3V	1	400mA	1.55×1.55×0.3
NDAC280004	Linear Regulator，Enable Control, Over Temp. Protection、Overcurrent Protection	+3V~+5V	1.8V	1	1A	1.45×1.05×0.3

Diamond Chip Termination

P/N	Freq. (GHz)	VSWR	DC Resistance (Ω)	Limiting Power (CW)	Dimention (mm)
NDCT-JGS01	DC~10	1.3	47~53	50	1.4×1.4
NDCT-JGS02	DC~12	1.3	47~53	125	2.54×3.3
NDCT-JGS03	DC~14	1.5	47~53	200	2.7×5.2
NDCT-JGS04	DC~6	1.2	47~53	300	3.05×4.06
NDCT-JGS05	DC~5	1.3	47~53	500	4×5.6
NDCT-THG01	DC~8	1.3	47~53	80	2×3.8
NDCT-THG02	DC~0.8	1.3	47~53	260	4.4×5.3
NDCT-TLM23379A	14-20	1.3	47~53	60	1.9×3.1

P Band RF Power Transistor

P/N	Start Freq. (MHz)	Stop Freq. (MHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM012310	135	275	900	72	17	48	800us, 20%	Pre-Matched	JY04F505	35.91×10.16×4.0
NDNM020001	138	138	10	65	17	30	CW	Pre-Matched	JY02F064T	13.1×6.4×3.6
NDNM012311	220	280	20	45	18	50	200us, 10%	Pre-Matched	C164-2	24.0×17.4×5.1
NDNM012311	220	280	400	75	17	50	300us, 15%	Pre-Matched	JY04F217	34.1×9.8×5.1
NDNM01204	425	475	700	75	19	50	PL	Pre-Matched	JY04F503	41.1×10.1×3.4
NDNM01206	485	610	600	70	17	50	1ms, 2 5 %	Pre-Matched	JY04F503	41.1×10.1×3.4
NDNM01207	485	606	530	73	17	36	3ms, 30%	Pre-Matched	JY04F217	34.1×9.8×5.1

L Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM01208	0.96	1.25	250	65	15	50	PL	Pre-Matched	JY02F015	26.11×10.2×3.1
NDNM01211	0.96	1.25	650	65	15	50	PL	Pre-Matched	JY02F058	29.28×10.2×3.85
NDNM01173	1.1	1.9	50	50	10	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011701	1.12	1.48	300	58	14	50	50us, 10%	Inter-Matched	JF06F016	30.8×27.4×5.0
NDNM011702	1.15	1.24	15	63	15	28	CW	Inter-Matched	C164-2T	24.0×17.4×4.9
NDNM02146	1.2	1.4	50	50	13	28	1ms，10%	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM01217	1.2	1.4	650	68	15	50	PL	Pre-Matched	JY02F019	29.3×10.2×3.7
NDNM020002	1.25	1.3	15	63	15	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM020003	1.6	2	500	/	13	48	1us，2‰	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011704	1.8	2.1	800	60	12	48	10us, 2%	Inter-Matched	C164-1	24.0×17.4×4.4

S Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM02147	2	2.4	12.5	55	12	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM01176	2	3	100	38	10	32	CW	Inter-Matched	JF06F016	30.8×27.4×5.0
NDNM021101	2.2	2.3	12.5	60	15	28	CW	Inter-Matched	JF04F002	21.0×13.0×5.3
NDNM01111	2.2	2.3	80	57	13	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM015005	2.2	2.4	50	60	13	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM01008	2.3	2.5	100	60	13	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011705	2.3	2.5	300	60	11	32	450us, 15%	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM01116	2.7	2.9	500	55	12	50	PL	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM01119	2.7	3.1	300	55	12	50	PL	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM01011	2.7	3.5	80	50	11	28	CW	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM01185	2.7	3.5	400	55	12	50	200us, 10%	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM011706	3	3.5	5	45	26	28	3ms，30%	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011707	3	3.5	40	50	12	48	3ms，30%	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM01186	3.1	3.5	400	55	12	50	PL	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM01126	3.3	3.7	180	57	11	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01128	3.7	4.2	100	55	12	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01187	3.7	4.2	300	55	10	32	200us, 20%	Inter-Matched	C164-1	24.0×17.4×4.4

C Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM011708	4.2	4.5	120	55	11	28	100us, 10%	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01035	4.4	5	30	50	11	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01130	4.4	5	60	50	11	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01131	4.4	5	100	45	10	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01014	4.4	5	120	55	10	28	PL	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01132	4.4	5	200	55	10	28	PL	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01133	4.4	5	250	55	10	32	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM011770	4.4	6.6	80	45	9	28	CW	Inter-Matched	JF06F016	27.4*30.8*5.0
NDNM011772	4.4	6.6	120	45	10	28	CW	Inter-Matched	JF06F016	27.4*30.8*5.0
NDNM01188	5	6	8	45	11	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01189	5	6	80	45	10	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4

C Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM011709	5	6	250	50	10	32	350us, 35%	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM011711	5.2	5.8	120	50	13	32	200us, 20%	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM011712	5.2	5.8	160	50	11	32	300us, 30%	Inter-Matched	C164-1	24.0*17.4*5.0
NDNM011713	5.2	5.8	250	50	10	32	300us, 30%	Inter-Matched	C164-1	24.0*17.4*5.0
NDNM011714	5.2	5.8	400	50	12	50	100us, 10%	Inter-Matched	C164-1	24.0*17.4*5.0
NDNM011710	5.2	5.9	50	50	10	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM011715	5.2	6	100	50	10	36	30ms, 30%	Inter-Matched	C164-1	24.0*17.4*5.0
NDNM011716	5.2	6	200	50	10	36	30ms, 30%	Inter-Matched	C164-1	24.0*17.4*5.0
NDNM01134	5.3	5.9	30	55	11	28	PL	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01016	5.3	5.9	60	52	11	28	PL	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01017	5.3	5.9	120	52	10	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011717	5.3	5.9	160	50	10	28	CW	Inter-Matched	C164-1F	24.0×17.4×4.4
NDNM01037	5.3	5.9	200	52	10	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01135	5.3	5.9	250	50	10	32	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01190	5.3	5.9	400	50	11	50	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011718	5.3	5.9	500	50	11	50	100us,10%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011719	5.3	5.9	1200	40	10	50	500ns,1.5%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01191	5.7	6.3	80	45	10	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011720	5.8	6.7	100	50	10	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01136	5.9	6.4	30	45	10	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01138	5.9	6.4	100	45	10	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011721	6	6.6	150	50	9	28	200us, 20%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM020004	6	7.5	20	36	10	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM01038	6.4	7.2	80	45	9	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01039	6.4	7.2	150	45	9	28	1ms, 30%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01141	6.4	7.2	200	45	9	28	1ms, 30%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011722	6.9	7.3	25	45	11	28	100us, 10%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011723	6.9	7.3	80	45	11	28	100us, 10%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011724	6.9	7.3	180	45	9	28	100us, 10%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01142	7	7.5	30	45	9	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01143	7	7.5	60	45	9	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01195	7.2	7.7	60	55	9	28	CW	Inter-Matched	C164-1	24.0×17.4×4.4

X & Ku Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM011725	7.7	8.3	25	45	8	32	150us, 10%	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM011726	7.7	8.3	70	45	9	32	150us, 10%	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01040	7.7	8.5	70	45	8	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM011727	7.7	8.5	110	45	8	28	CW	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01150	8.5	9.6	100	45	8	28	PL	Inter-Matched	C164-1	24.0*17.4*4.4
NDNM01041	8.5	9.6	150	40	8	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01151	8.5	9.6	200	40	8	32	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011728	8.5	9.6	250	40	8	40	600us, 17%	Inter-Matched	C186-1	26.4×17.4×4.6
NDNM011729	8.5	10	60	40	8	28	PL	Inter-Matched	C129-10	21.0×12.9×4.7
NDNM01152	8.5	10	100	40	8	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011732	9	9.5	600	30	10	70	10us, 1%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01199	9	10	50	40	8	28	CW	Inter-Matched	C129-10	21.0×12.9×4.7
NDNM011730	9	10	60	40	8	24	PL	Inter-Matched	C129-10	21.0×12.9×4.7
NDNM01021	9	10	100	40	8	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01153	9	10	150	40	8	28	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01154	9	10	200	40	8	32	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011731	9	10	250	40	8	40	100us, 10%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011773	9	10.5	70	40	9	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011733	9.5	10	1000	30	9	70	10us, 1%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01302	9.5	10.5	150	36	8	28	50us, 20%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01043	9.5	10.5	200	38	8	32	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011734	9.5	10.5	250	33	8.5	50	500ns,33us	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011736	9.6	10.6	250	40	8	40	300us, 20%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011735	10	10.3	1000	30	8	50	500ns, 1.67%	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011737	11.2	11.8	60	33	7	32	PL	Inter-Matched	C129-10	21.0×12.9×4.7
NDNM011738	11.2	11.8	600	25	7	70	6us/6ms, 2‰	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM01045	11.8	12.2	65	33	7	32	PL	Inter-Matched	C129-10	21.0×12.9×4.7
NDNM01046	11.8	12.2	200	30	6.5	32	PL	Inter-Matched	C164-1	24.0×17.4×4.4
NDNM011739	12.2	12.8	80	33	7	24	CW	Inter-Matched	JF02F047	24.0×12.9×4.4
NDNM011740	13.75	14.5	70	30	6	24	CW	Inter-Matched	JF02F047	24.0×12.9×4.4

Wide Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM011741	0	0.4	2	20	14	28	CW	Pre-Matched	C64-1	6.35×13.0×2.7
NDNM011742	0	0.4	15	40	16	28	CW	Pre-Matched	JY04F635	6.35×18.9×2.7
NDNM011743	0	0.4	100	45	17	28	CW	Pre-Matched	JY04F586	5.8×29.0×3.0
NDNM011745	0.1	0.5	200	66	14	36	CW	Pre-Matched	JY04F586	5.8×29.0×3.0
NDNM011744	0.03	0.9	40	60	17	28	CW	Pre-Matched	JY04F635	6.35×18.9×2.7
NDNM011746	0.225	0.525	300	70	17	48	CW	Pre-Matched	JY04F128	41.2×10.2×2.9
NDNM011747	0.5	1.25	150	52	12	28	CW	Pre-Matched	JY02F018	24.5×9.78×3.15
NDNM020014	0.5	2.5	20	40	32	28	CW	Inter-Matched	JF06F031	22.4×25.5×5.0
NDNM011748	0.5	3	25	40	11	28	CW	Inter-Matched	JF04F007	21.7×24.2×4.7
NDNM01511	0.5	3	80	38	10	28	CW	Inter-Matched	JF06F038	34.8×31.5×5.0
NDNM01505	0.5	6	40	30	6	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011751	0.7	6	25	40	9	28	CW	Inter-Matched	JF04F007	21.7×24.2×4.7
NDNM011752	0.8	2	20	45	13.5	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011753	0.8	2	100	45	10	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011754	0.8	2	150	50	13	32	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011755	0.8	2	400	45	13	48	100us,10%	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM020018	0.8	2.7	10	24	30	28	CW	Inter-Matched	JF06F031	22.4×25.5×5.0
NDNM011756	0.8	2.7	150	49	11	28	CW	Inter-Matched	JF06F041	34.8×27.2×6.0
NDNM011758	0.8	4.2	150	35	9	48	100us,10%	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011757	0.8	4.2	80	40	9	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011759	1	2	200	50	12	48	200us,10%	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011760	1	2.5	100	45	10	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM020020	1.3	1.9	12	50	28	28	CW	Inter-Matched	JF06F043	8.7×11.1×2.2
NDNM020021	1.3	1.9	50	55	24	28	CW	Inter-Matched	JF06F031	22.4×25.5×5.0
NDNM01177	2	4	50	45	10	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM01179	2	4	100	37	9	32	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011761	2	4	200	45	10	32	200us,10%	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011762	2	6.2	60	35	8	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM020026	2	8	2	20	21	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011764	2	8	50	30	6	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011763	2.7	6.2	25	30	8	28	CW	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011765	4	6.8	60	35	7	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011766	4	8	25	30	8	48	100us,10%	Inter-Matched	C164-2	24.0×17.4×5.0
NDNM011767	4	8	80	35	7	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0

Wide Band RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Type	Package	Dimension (mm)
NDNM011768	4	8	150	35	9	48	100us,10%	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011769	4	8.5	80	35	7	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011770	4.4	6.6	80	45	9	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0
NDNM011772	4.4	6.6	120	45	10	28	CW	Inter-Matched	JF06F016	27.4×30.8×5.0

GaN Power Amplifier Module

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	PA Moduleckage	Dimension (mm)
NDNM020005	0.009	0.4	100	40	48	28	CW	Metal Package	250.0×100.0×40.0
NDNM020006	0.03	0.52	200	65	15	40	CW	Plat Carrier	100.0×65.0×25.0
NDNM020007	0.03	0.9	200	56	13	40	CW	Plat Carrier	116.0×52.0×14.0
NDNM02175	0.03	1	10	50	32	28	CW	JF06F007	18.0×8.7×2.2
NDNM020009	0.08	1	200	60	13	40	CW	Plat Carrier	100.0×65.0×25.0
NDNM020010	0.1	0.4	6	65	36	28	CW	Plat Carrier	25.0×24.0×4.5
NDNM020011	0.1	0.4	50	70	13	28	CW	Plat Carrier	43.0×42.0×12.0
NDNM020012	0.35	2	10	36	36	28	CW	JF04F002	21.0×13.0×5.3
NDNM02174	0.35	2	25	40	32	28	CW	JF06F016	27.4×30.8×5.0
NDNM020031	0.35	2	50	50	11	28	CW	Plat Carrier	40.0×55.0×12.0
NDNM01232	0.35	2	100	50	9	28	CW	Plat Carrier	74.4×42.0×16.0
NDNM020014	0.38	1.45	150	50	12	28	CW	Plat Carrier	81.0×50.0×12.0
NDNM020015	0.5	2.5	40	50	13	28	CW	Plat Carrier	61.2×27.5×15.0
NDNM020016	0.5	2.5	200/120(CW)	50	13	48	PL/CW	Plat Carrier	64.6×34.8×15.0
NDNM02001	0.8	2	10	50	26	28	CW	JF04F002	21.0×13.0×5.3
NDNM020017	0.8	2.5	20	45	13	28	CW	C164-2	24.0×17.4×5.0
NDNM020019	0.9	2	400	60	13	48	100us, 10%	Plat Carrier	104.0×23.0×22.5
NDNM020022	2	6.5	1.5	35	17	28	CW	JF06F007	18.0×8.7×2.2
NDNM02172	2	6	20	30	16	28	CW	JF06F007	18.0×8.7×2.2
NDNM02173	2	6	30	30	18	28	CW	JF06F007	18.0×8.7×2.2
NDNM020025	2.7	6.2	100	35	18	28	PL	Plat Carrier	25.4×17.6×2.0
NDNM020027	4.4	6.6	10	37	25	28	CW	JF04F002	21.0×13.0×5.3
NDNM020028	8	12	40	20	17	28	CW	JF06F035	25.4×9.78×4.5
NDNM020030	9	10.5	10	40	20.5	28	CW	JF06F007	18.0×8.7×2.2

GaAs RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Package	Dimension (mm)
NDAM010001	1.7	2.0	3	50	15	9.5	PL	C129-10	21.0×12.9×4.7
NDAM010002	1.7	2.0	15	50	14	9.5	PL	C164-1	24.0×17.4×4.4
NDAM010003	1.9	2.0	30	45	13	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010004	1.9	2.2	3	50	15	9.5	PL	C129-10	21.0×12.9×4.7
NDAM010005	1.9	2.2	15	50	14	9.5	PL	C164-1	24.0×17.4×4.4
NDAM010006	2	6.0	1	20	22	8	CW	JF06F007	18.0×8.7×2.2
NDAM010007	2.025	2.3	30	43	13	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010008	2.1	2.3	3	45	15	9.5	PL	C129-10	21.0×12.9×4.7
NDAM010009	2.1	2.3	15	50	14	9.5	PL	C164-1	24.0×17.4×4.4
NDAM01001	2.2	2.3	25	43	13	10	PL	C164-1	24.0×17.4×4.4
NDAM010010	2.3	2.5	30	41	12	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010011	2.48	2.5	35	45	12	10/-1.5	CW	C164-2	24.0×17.4×5.0
NDAM01002	2.5	2.7	25	42	11	10	PL	C164-1	24.0×17.4×4.4
NDAM010012	2.7	3.5	30	40	12	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010013	3.3	3.6	4	45	12	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010014	3.3	3.6	30	41	10.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010015	3.4	3.9	4	38	12	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010016	3.4	3.9	18	37	10.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010017	3.7	4.2	4	45	11	10	CW	C129-10	21.0×12.9×4.7
NDAM010018	3.7	4.2	25	40	10	10	CW	C164-1	24.0×17.4×4.4
NDAM010019	4	4.3	4	48	12	10	CW	C129-10	21.0×12.9×4.7
NDAM010020	4	4.3	25	45	11	10	CW	C164-1	24.0×17.4×4.4
NDAM010021	4.4	5.0	4	41	11	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010022	4.4	5.0	8	41	10	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010023	4.4	5.0	10	40	10	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010024	4.4	5.0	12	39	10.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010025	4.4	5.0	16	39	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010026	4.4	5.0	18	36	9.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01003	4.4	5.0	25	42	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010027	4.4	5.0	30	40	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010028	4.4	5.0	45	39	9.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01004	4.4	5.0	50	41	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01006	5	5.3	25	38	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01007	5	5.3	50	42	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010029	5.3	5.9	4	41	10.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM01008	5.3	5.9	8	40	10	10	CW / PL	C129-10	21.3×13.1×5.2
NDAM01009	5.3	5.9	12	40	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01010	5.3	5.9	16	40	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010030	5.3	5.9	18	40	9	10	CW / PL	C164-1	24.0×17.4×4.4

GaAs RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Package	Dimension (mm)
NDAM01011	5.3	5.9	25	40	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010031	5.3	5.9	35	38	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01012	5.3	5.9	45	38	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010032	5.3	5.9	63	38	8	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010033	5.9	6.4	4	37	10	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010034	5.9	6.4	6	37	10	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010035	5.9	6.4	8	37	10	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010036	5.9	6.4	10	37	10	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010037	5.9	6.4	12	37	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010038	5.9	6.4	16	37	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010039	5.9	6.4	18	37	10	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01014	5.9	6.4	25	36	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010040	5.9	6.4	35	36	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01015	5.9	6.4	50	36	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010041	6	6.6	8	38	9.5	10	CW	C129-10	21.0×12.9×4.7
NDAM010042	6	6.6	14	38	9	10	CW	C164-1	24.0×17.4×4.4
NDAM010043	6.4	7.2	4	37	9.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010044	6.4	7.2	6	37	9.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010045	6.4	7.2	8	36	9.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010046	6.4	7.2	10	36	9.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010047	6.4	7.2	12	36	9.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010048	6.4	7.2	16	36	9.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010049	6.4	7.2	18	35	9.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01016	6.4	7.2	25	35	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010050	6.4	7.2	35	35	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01017	6.4	7.2	50	33	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010051	6.6	7.2	8	40	9	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010052	6.6	7.2	16	40	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010053	6.7	7.0	50	38	9	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010054	7.7	8.5	2	35	7.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010055	7.7	8.5	4	35	8.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010056	7.7	8.5	6	35	7.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM01018	7.7	8.5	8	34	8.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010057	7.7	8.5	10	37	8.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010058	7.7	8.5	12	33	7.5	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010059	7.7	8.5	12	35	8.5	10	CW	C164-1	24.0×17.4×4.4
NDAM010060	7.7	8.5	16	37	8	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01019	7.7	8.5	18	35	8	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010061	8.2	8.7	6	38	8	10	CW	C129-10	21.0×12.9×4.7

GaAs RF Power Transistor

P/N	Start Freq. (GHz)	Stop Freq. (GHz)	Psat (W)	PAE (%)	Gain (dB)	Vd (V)	Condition	Package	Dimension (mm)
NDAM010062	8.2	8.7	12	35	7.5	10	CW	C164-1	24.0×17.4×4.4
NDAM010063	8.5	9.6	2	30	7	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010064	8.5	9.6	4	30	7	10	CW / PL	C97-5	16.5×9.7×3.0
NDAM01020	8.5	9.6	8	30	7.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010065	8.5	9.6	12	30	7	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010066	8.5	9.6	16	30	7	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010067	8.5	9.6	25	30	7	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01021	8.5	9.6	30	30	7	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010068	9	10.0	4	30	7	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM01025	9	10.0	8	30	7	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM01046	9	10.0	12	30	6	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM01047	9	10.0	16	30	7	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010069	9	10.0	20	30	6	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01028	9	10.0	25	30	7	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010070	9	10.0	30	30	6	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM01049	9.5	10.5	4	30	7	10	CW / PL	C97-5	16.5×9.7×3.0
NDAM01050	9.5	10.5	8	30	7	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010071	9.5	10.5	12.5	25	7	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010072	9.5	10.5	25	30	7	10	CW / PL	C164-1	24.0×17.4×4.4
NDAM010073	10	10.4	2	30	7	10	CW/PL	C97-5	16.5×9.7×3.0
NDAM010074	10	10.4	8	25	6	10	CW/PL	C97-5	16.5×9.7×3.0
NDAM010075	10	10.4	16	25	6	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010076	10.7	11.7	3	35	6	10	CW / PL	C97-5	16.5×9.7×3.0
NDAM010077	11	11.4	4	30	6	10	CW/PL	C97-5	16.5×9.7×3.0
NDAM010078	11	11.4	8	25	5	10	CW/PL	C97-5	16.5×9.7×3.0
NDAM010079	13.75	14.5	4	23	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010080	13.75	14.5	8	27	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010081	13.75	14.5	9	30	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010082	13.75	14.5	12	23	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010083	14	14.5	4	23	5.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010084	14	14.5	8	27	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010085	14	14.5	9	23	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010086	14	14.5	12	23	5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010087	14.5	15.3	4	26	5.5	10	CW / PL	C129-10	21.0×12.9×4.7
NDAM010088	14.5	15.3	8	25	5	10	CW / PL	C129-10	21.0×12.9×4.7

GaAs RF Power Transistor Replacement

NEDITEK	SUMITOMO	TOSHIBA	MITSUBISHI
NDAM010003			MGFL45V1920A
NDAM010007	FLM2023L-30F		
NDAM010010			MGFS45V2325A
NDAM01002	FLM2527L-20F		
NDAM010012			MGFS45V2735
NDAM010015	FLM3439-4F		
NDAM010016	FLM3439-18F		
NDAM010021	FLM4450-4F	TIM4450-4UL	MGFC36V4450A
NDAM010022	FLM4450-8F	TIM4450-8UL	MGFC39V4450A
NDAM010023			MGFC40V4450
NDAM010024	FLM4450-12F	TIM4450-12UL	
NDAM010025		TIM4450-16UL	MGFC42V4450
NDAM010026	FLM4450-18F		
NDAM01003	FLM4450-25F	TIM4450-25UL	MGFC44V4450
NDAM010027		TIM4450-30SL	MGFC45V4450A
NDAM010028	FLM4450-45F	TIM4450-45SL	
NDAM01006	FLM5053-25F		
NDAM010029	FLM5359-4F	TIM5359-4UL	
NDAM01008	FLM5359-8F	TIM5359-8UL	
NDAM01009	FLM5359-12F		
NDAM01010		TIM5359-16UL	
NDAM010030	FLM5359-18F		
NDAM01011	FLM5359-25F		
NDAM010031	FLM5359-35F	TIM5359-35SL	
NDAM01012	FLM5359-45F	TIM5359-45SL	
NDAM010032	FLM5359-60F	TIM5359-60SL	
NDAM010033	FLM5964-4F	TIM5964-4UL	MGFC36V5964A
NDAM010034	FLM5964-6F	TIM5964-6UL	MGFC38V5964
NDAM010035	FLM5964-8F	TIM5964-8UL	MGFC39V5964A
NDAM010036	FLM5964-10F		MGFC40V5964
NDAM010037	FLM5964-12F	TIM5964-12UL	MGFC41V5964
NDAM010038	FLM5964-16F	TIM5964-16UL	MGFC42V5964
NDAM010039	FLM5964-18F		
NDAM01014	FLM5964-25F	TIM5964-25UL	MGFC44V5964
NDAM010040		TIM5964-30UL	
NDAM01015	FLM5964-45F	TIM5964-45UL	MGFC47V5864
NDAM010043	FLM6472-4F	TIM6472-4UL	MGFC36V6472A
NDAM010044	FLM6472-6F	TIM6472-6UL	MGFC38V6472
NDAM010045	FLM6472-8F	TIM6472-8UL	MGFC39V6472A
NDAM010046	ELM6472-10F		MGFC40V6472

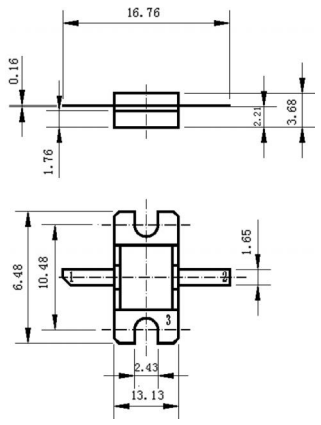
GaAs RF Power Transistor Replacement

NEDITEK	SUMITOMO	TOSHIBA	MITSUBISHI
NDAM010047	FLM6472-12F	TIM6472-12UL	MGFC41V6472
NDAM010048	FLM6472-16F	TIM6472-16UL	MGFC42V6472
NDAM010049	FLM6472-18F		
NDAM01016	FLM6472-25F	TIM6472-25UL	MGFC44V6472
NDAM010050		TIM6472-30SL	MGFC45V6472A
NDAM01017		TIM6472-45SL	
NDAM010055	FLM7785-4F	TIM7785-4UL	MGFC36V7785A
NDAM010056	FLM7785-6F	TIM7785-6UL	
NDAM01018	FLM7785-8F	TIM7785-8UL	MGFC39V7785A
NDAM010057	FLM7785-10F		MGFC40V7785
NDAM010058	FLM7785-12F	TIM7785-12UL	
NDAM010060	FLM7785-16F	TIM7785-16UL	MGFC42V7785A
NDAM01019	FLM7785-18F		
NDAM010063		TIM8596-2	
NDAM010064	FLM8596-4F	TIM8596-4	
NDAM01020	FLM8596-8F	TIM8596-8	
NDAM010065	FLM8596-12F		
NDAM010066	FLM8596-15F	TIM8596-15	
NDAM01049	FLM0910-4F	TIM0910-4	
NDAM01050	FLM0910-8F	TIM0910-8	
NDAM010071	FLM0910-12F		
NDAM010072	FLM0910-25F		
NDAM010079		TIM1414-4-252	
NDAM010080	FLM1314-8F	TIM1414-8-252	
NDAM010081	ELM1314-9F	TIM1314-9L	
NDAM010082	FLM1314-12F		
NDAM010083	FLM1414-4F	TIM1414-4LA	MGFK36V4045
NDAM010084	FLM1414-8F	TIM1414-8L	MGFK39V4045
NDAM010085		TIM1414-9L	
NDAM010086	FLM1414-12F		
NDAM010087	FLM1415-4F		
NDAM010088	FLM1415-8F		

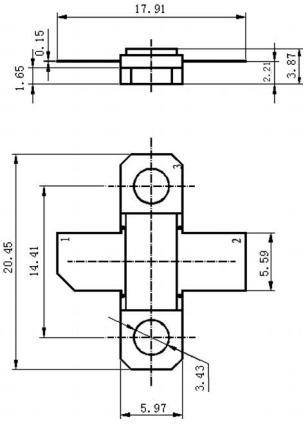
Si RF Power Transistor Replacement

NEDITEK	REPLACEMENT	NEDITEK	REPLACEMENT
ND3DA507	PH1214-25	NDWC2074	MRFE6VP5600HR6
NDWS121440	PH1214-40	NDWC2075	BLF871
NDFB121447	PH1214-55	NDWC2076	MRF281SR1
NDWS121450	PH1214-110	NDWC2077	MRF284LR1
NDWS121453	PH1214-220	NDWC2078	PTFA092201E
NDWS121454	PH1214-300	NDWC2055	MRF284LSR1
NDWS273180	PH9038	NDWC2079	BLF404
NDWS313465	MAPH-009393	NDWC2080	MRF134
NDWS9001H	PH3135-10M	NDWC2081	SD3933
NDWS9002H	PH3135-65M	NDWS0002	VRF157FL
NDFB9284H	PH3135-130M	NDWS0003	MRF10005
NDWC2070	BLA6H0912-500	NDWS0004	MRF426
NDWC2071	BLF571	NDWS0005	MRF429
NDWC2072	BLF573	NDWS0006	MS2209
NDWC2073	MRF6V12500HR3		

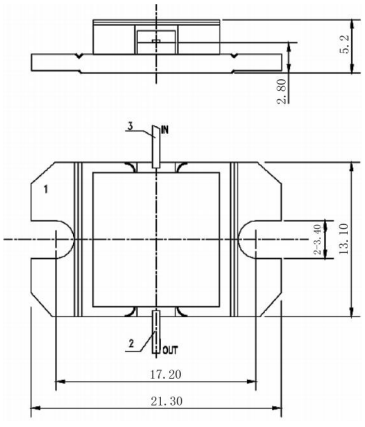
Package Drawing For Transistor & MMIC



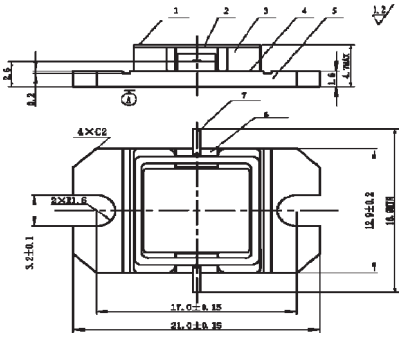
C64-1



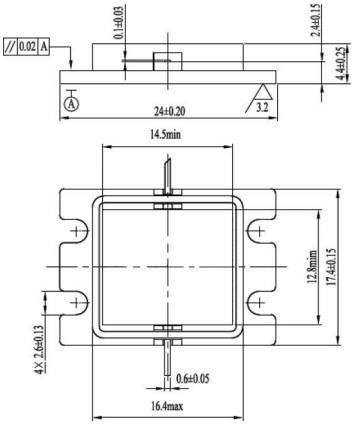
C92-2



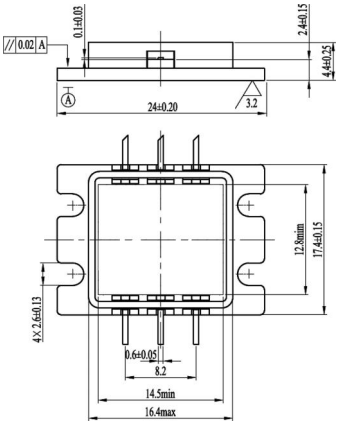
C129



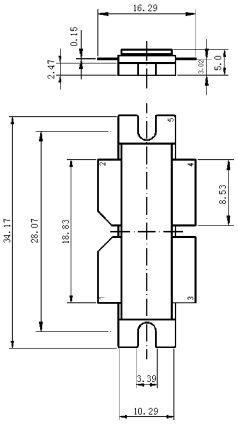
C129-10



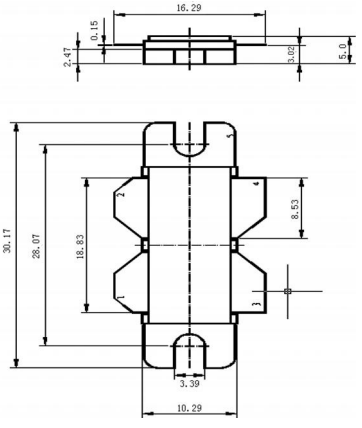
C164-1



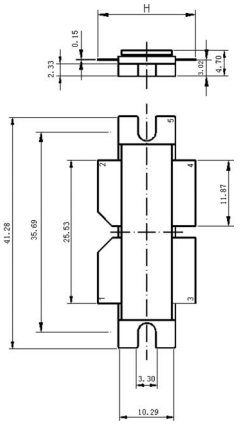
C164-2



C217-1

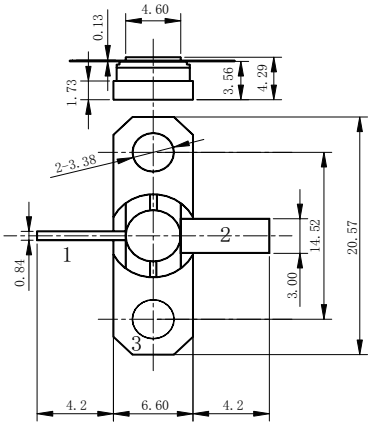


C217-2

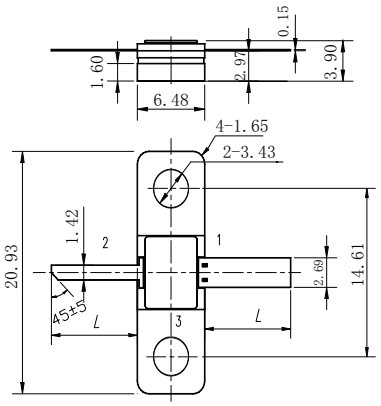


C312-1

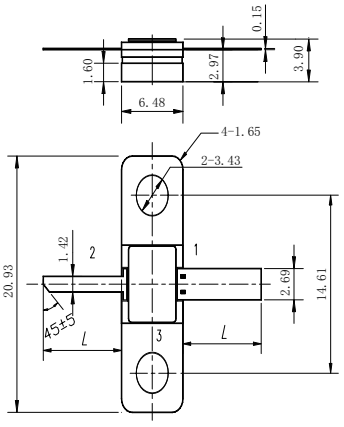
Package Drawing For Transistor & MMIC



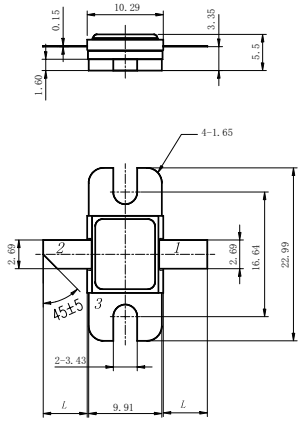
H59



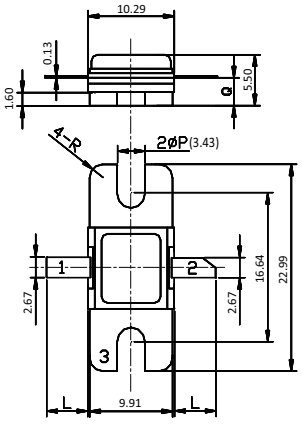
H63-1



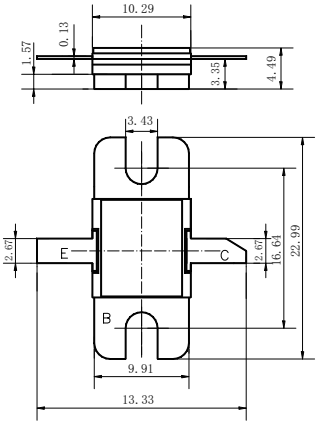
H63-2



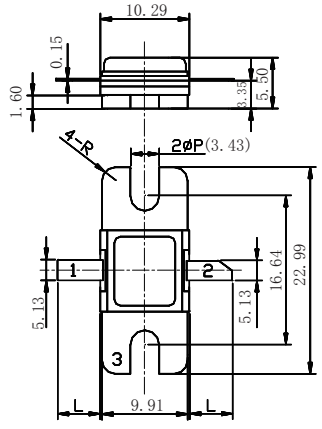
H102-4



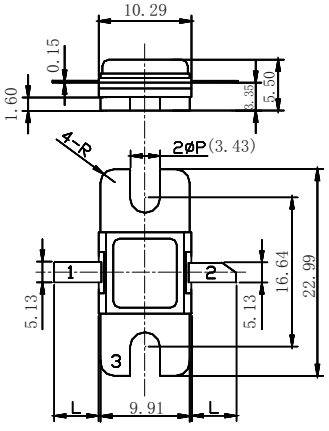
H102-5



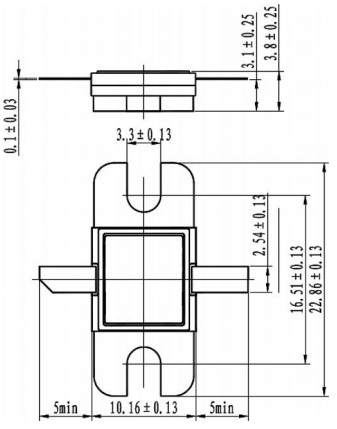
H102-6



H102-11

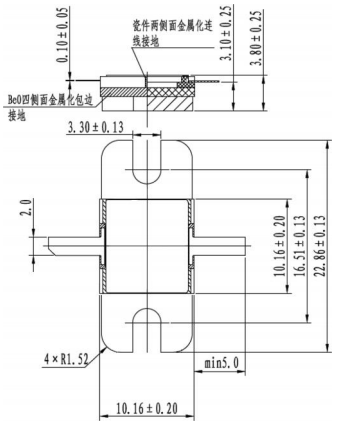


H102-12

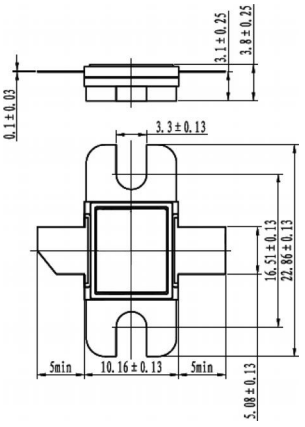


H102-13

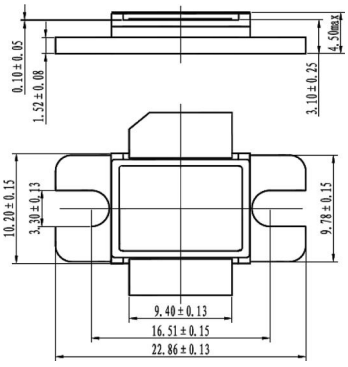
Package Drawing For Transistor & MMIC



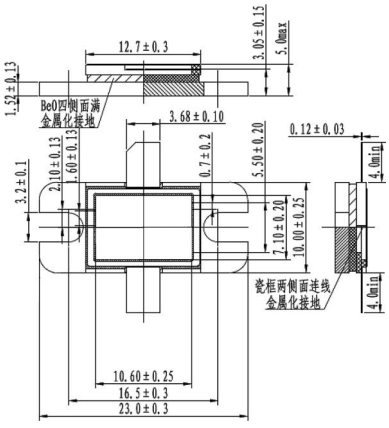
H102-14



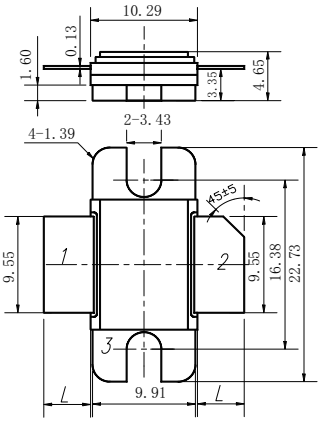
H106-1



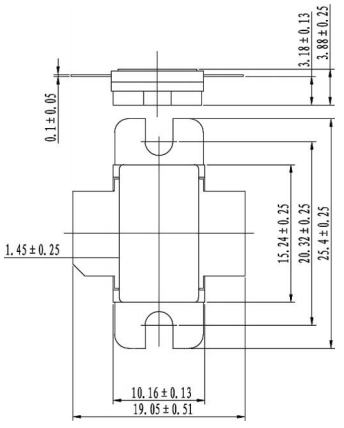
H127-3



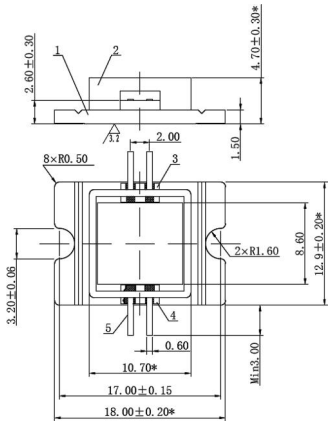
H127-4



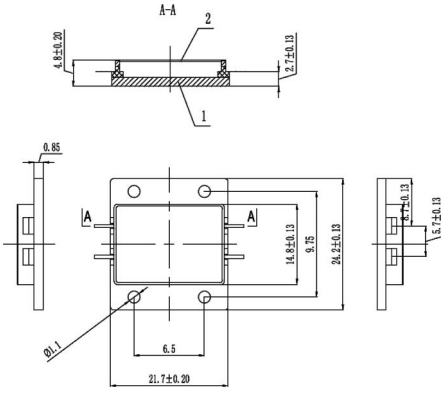
H127-8



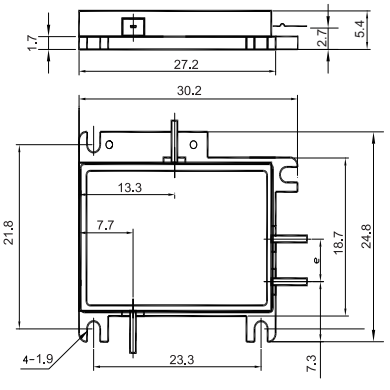
H152-1



JF04F002

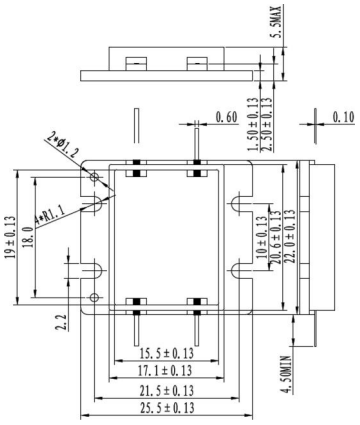


JF04F007

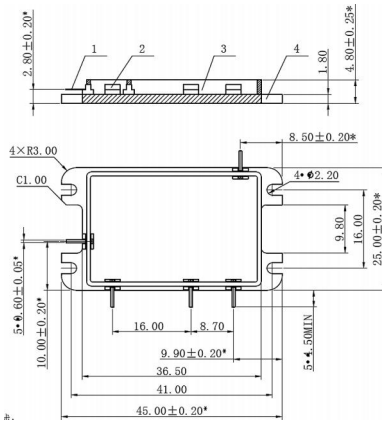


JF04F009

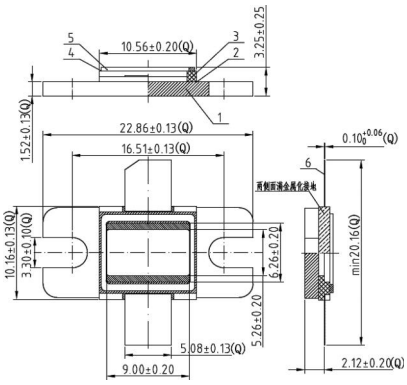
Package Drawing For Transistor & MMIC



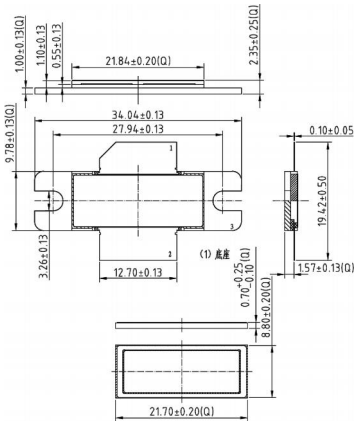
JF04F013



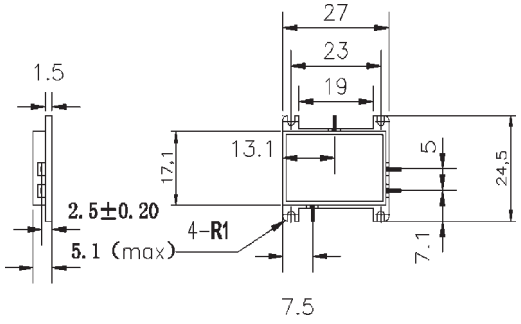
JF05F007



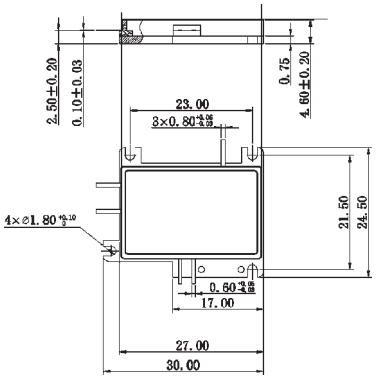
JY02F005



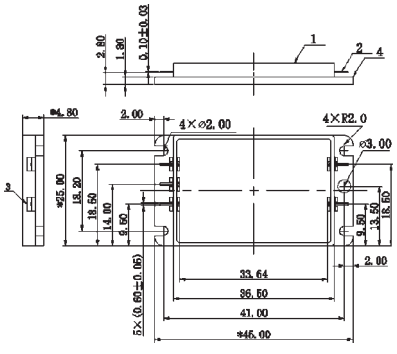
JY02F008



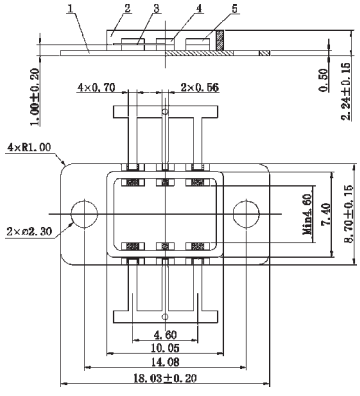
JF04F005



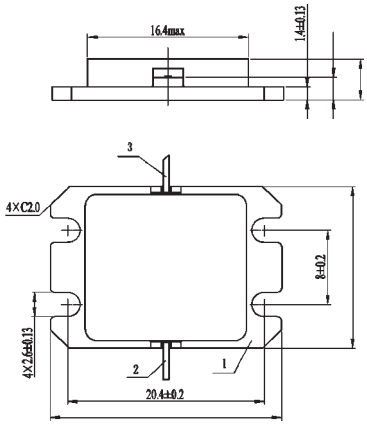
JF05F009



JF05F010

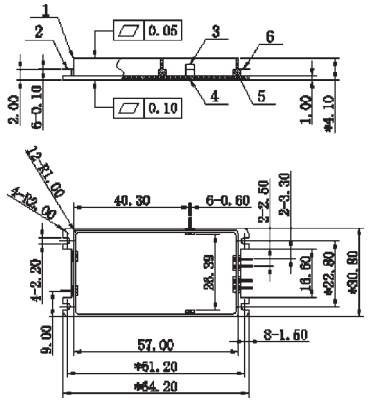


JF06F007

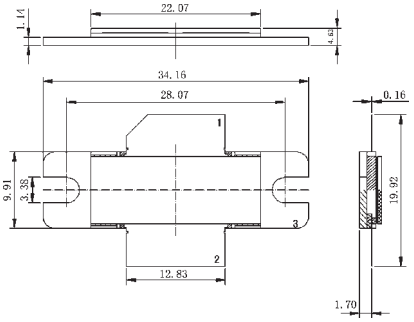


JF06F016

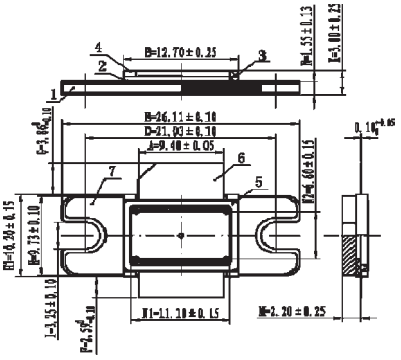
Package Drawing For Transistor & MMIC



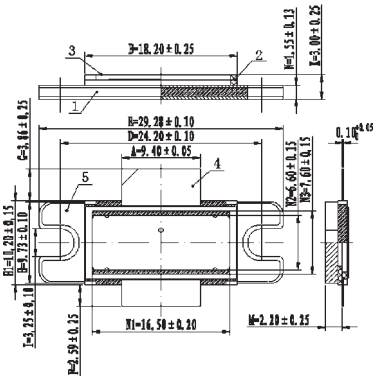
JF06F019



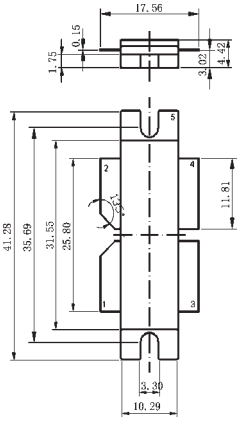
JY02F009



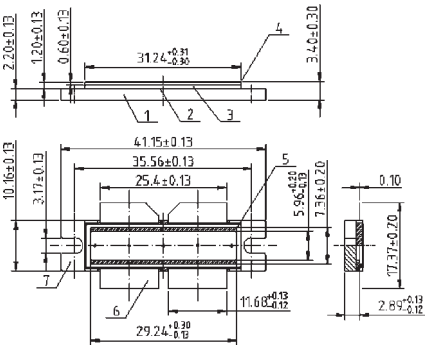
JY02F015



JY02F019



JY04F501



JY04F503

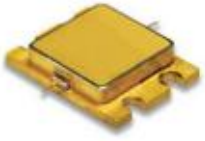
Package For Transistor & MMIC

C64-1
(13.1*6.4*3.6)

C92-2
(20.4*5.9*3.8)

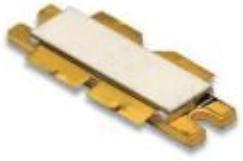
C129
(21.3*13.1*5.2)

C129-10
(21.0*12.9*4.7)



C164-1
(24.0*17.4*4.4)

C164-2
(24.0*17.4*4.4)



C217-1
(34.1*10.2*5.0)

C217-2
(30.1*10.2*5.0)

C312-1
(41.2*10.2*4.7)

H59
(20.5*6.6*4.2)

H63-1
(20.9*6.4*3.9)

H63-2
(20.9*6.4*3.9)

H102-4
(22.9*9.9*5.5)

H102-5
(22.9*9.9*5.5)

H102-6
(22.9*9.9*4.4)

H102-11
(22.9*9.9*5.5)

H102-13
(22.8*10.1*3.8)

H102-14
(22.8*10.1*3.8)

H106-1
(22.8*10.1*3.8)

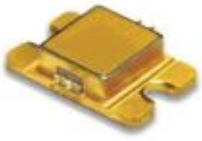
H127-3
(22.8*9.7*4.5)

Package For Transistor & MMIC

H127-4
(23.0*10.0*5.0)

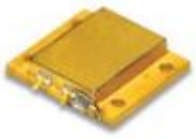
H127-8
(22.7*9.9*4.6)

H152-1
(25.4*10.1*3.8)

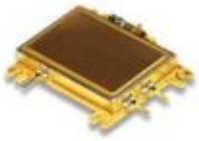


JF04F002
(18.0*12.9*4.7)

JF04F005
(27.0*24.5*5.1)



JF04F007
(24.2*21.7*4.8)



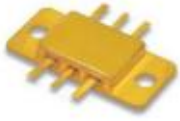
JF04F009
(30.0*24.5*4.6)

JF04F013
(25.5*22.0*5.5)

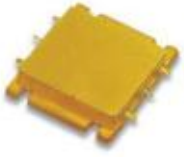
JF05F007
(45.0*25.0*4.8)

JF05F009
(30.2*19.4*2.3)

JF05F010
(45.0*25.0*2.8)



JF06F007
(18.0*8.7*2.2)



JF06F016
(30.8*27.4*5.0)

JY02F005
(22.8*10.1*3.2)

JY02F008
(34.0*9.7*3.7)

JY02F009
(34.0*9.7*3.8)

JY02F015
(26.1*10.2*3.7)

JY02F019
(29.2*10.2*3.7)

JY04F501
(41.1*10.1*4.7)

SMA-1
(28.6*23*8)

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