

FET Chips Products Selection Guide

I. Super Lower Noise GaAs FETs

Product No.	Freq. (GHz)	N.F. (dB)	P ₋₁ dB (dBm)	Gain (dB)	Notes
TC1101	12	0.5	18.5	15	Chip
TC1101V	12	0.5	18.5	15	Chip / with via hole
TC1102	12	0.5	-	13	Chip
TC1201	12	0.5	21.5	12	Chip
TC1201V	12	0.5	21.5	12	Chip / with via hole
TC1202	12	0.5	-	12	Chip
TC1301	12	0.8	24.5	10	Chip
TC1301V	12	0.8	24.5	10	Chip / with via hole
TC1304	12	0.8	24.5	10	Chip
TC1304V	12	0.8	24.5	10	Chip / with via hole

*Specifications shown above are the typical value

II. High Linearity and High Efficiency GaAs Power FETs

Product No.	Freq. (GHz)	P ₋₁ dB (dBm)	Gain (dB)	IP3 (dBm)	PAE (%)	Notes
TC1401	12	27	9	37	40	Chip
TC1401N	12	27	9	37	40	Chip / Non-Via Hole
TC1404N	12	27	11	37	40	Chip / Non-Via Hole
TC1501	6	30	13	40	43	Chip
TC1501N	6	30	12	40	43	Chip / Non-Via Hole
TC1504N	12	30	9	40	43	Chip / Non-Via Hole
TC1601	6	33	12	43	43	Chip / Short Gate Length
TC1606	6	33	12	43	43	Chip / Long Gate Length
TC1606N	6	33	8	43	43	Chip / Non-Via Hole
TC1706	6	35.5	11	45	43	Chip
TC1801	6	36.5	10	47	40	Chip / Short Gate Length
TC1806	6	36.5	10	47	40	Chip / Long Gate Length

*Specifications shown above are the typical value