

## Packaged FETs Product Selection Guide

### I. Super Lower Noise Packaged GaAs FETs

Product No.	Freq. (GHz)	N.F.(dB)	P <sub>1</sub> dB (dBm)	Gain (dB)	Notes
TC2101	12	1.5	18.5	9	2D, Micro-X Plastic Package
TC2111	12	1.5	18.5	8	3D, SOT-143 Plastic Package
TC2131	12	0.5	18.5	12.5	Leadless Air Cavity Plastic Package
TC2181	12	0.5	18.5	13	1D, Micro-X Ceramic Package
TC2182	12	0.5	-	-	1A, Micro-X Ceramic Package
TC2201	12	1.5	21.5	8	2E, Micro-X Plastic Package
TC2211	12	1.5	21.5	7.5	3E, SOT-143 Plastic Package
TC2281	12	0.5	21.5	12	1E, Micro-X Ceramic Package
TC2282	12	0.5	-	-	1B, Micro-X Ceramic Package
TC2381	12	0.9	24.5	10	1F, Micro-X Ceramic Package
TC2384	12	0.9	24.5	10	1M, Micro-X Ceramic Package

\*Specifications shown above are the typical value.

### II. High Linearity and High Efficiency Packaged GaAs Power FETs

Product No.	Freq.(GHz)	P <sub>1</sub> dB (dBm)	Gain (dB)	IP3 (dBm)	PAE (%)	Notes
TC2471	6	27	15	37	40	SMT Package
TC2481	6	27	11	37	37	Micro-X Metal Ceramic Package
TC2491	6	27	15	37	40	Flange Package
TC2571	6	30	12	40	43	SMT Package
TC2591	6	30	12	40	43	Flange Package
TC2676	6	33	9	43	43	SMT Package
TC2696	6	33	10	43	43	Flange Package
TC2876	6	36.5	7	47	40	SMT Package
TC2896	6	36.5	8	47	40	Flange Package

\*Specifications shown above are the typical value.