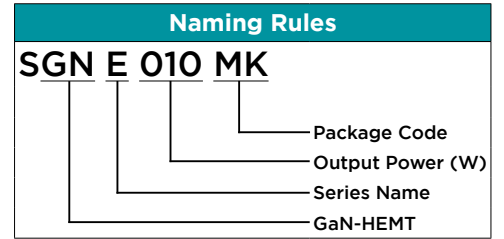


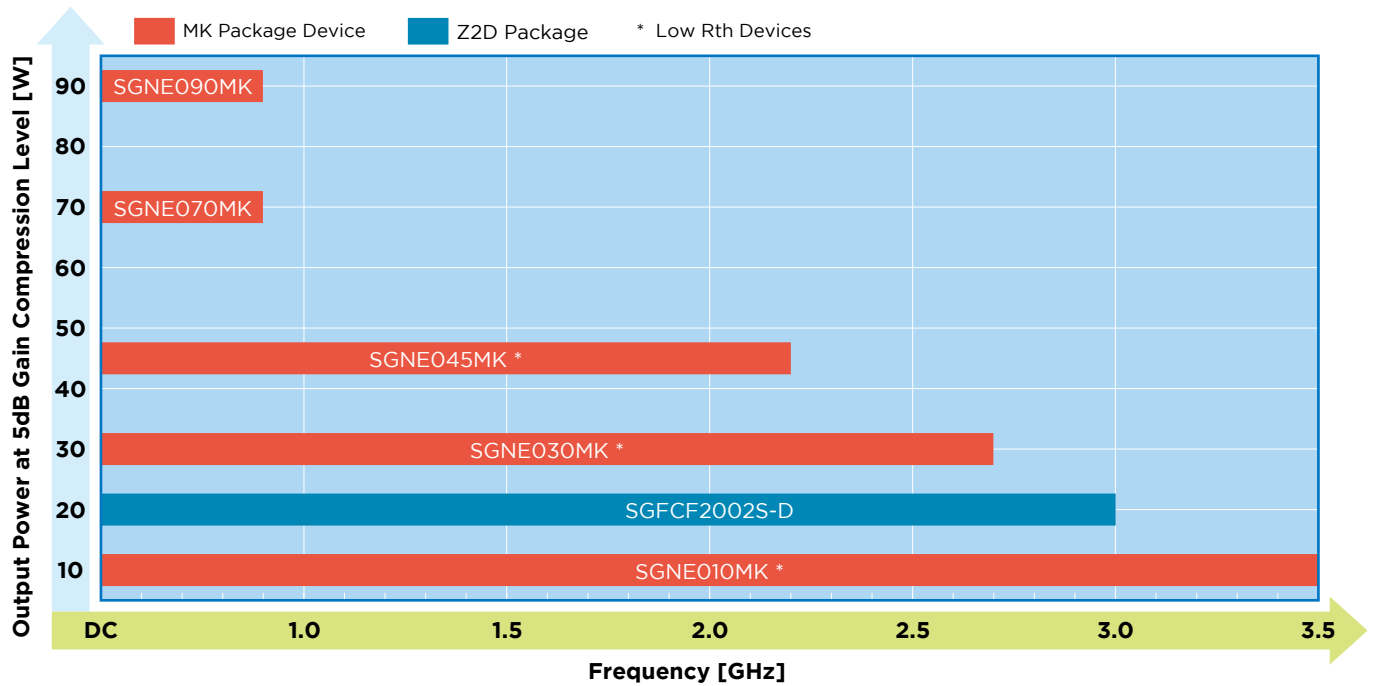
GaN HEMTs for General Purpose

Features

- Unmatched Broadband Operation up to 3.5GHz
- High Efficiency
- 50V Operation
- Low Thermal Resistance (Rth)



Lineup



Specifications

Part Number	Freq. (GHz)	Psat (dBm)	GL (dB)	η_{add} (%)	IDS (DC) (mA)	Rth ($^{\circ}\text{C}/\text{W}$)	Package
SGNE070MK	0.9	49.5	20	65	400	1.5	MK
SGNE090MK	0.9	51.0	20	65	500	1.2	
SGNE045MK	2.2	47.5	15	55	250	1.4	
SGNE030MK	2.7	46.5	16	55	200	2	
SGFCF2002S-D	3.0	42.5	25.5	44	135	3.8	Z2D
SGNE010MK	3.5	40.5	16	55	100	4.5	MK

Note: $T_c = +25^{\circ}\text{C}$

Product Photo

