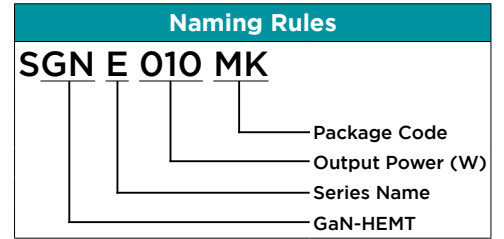


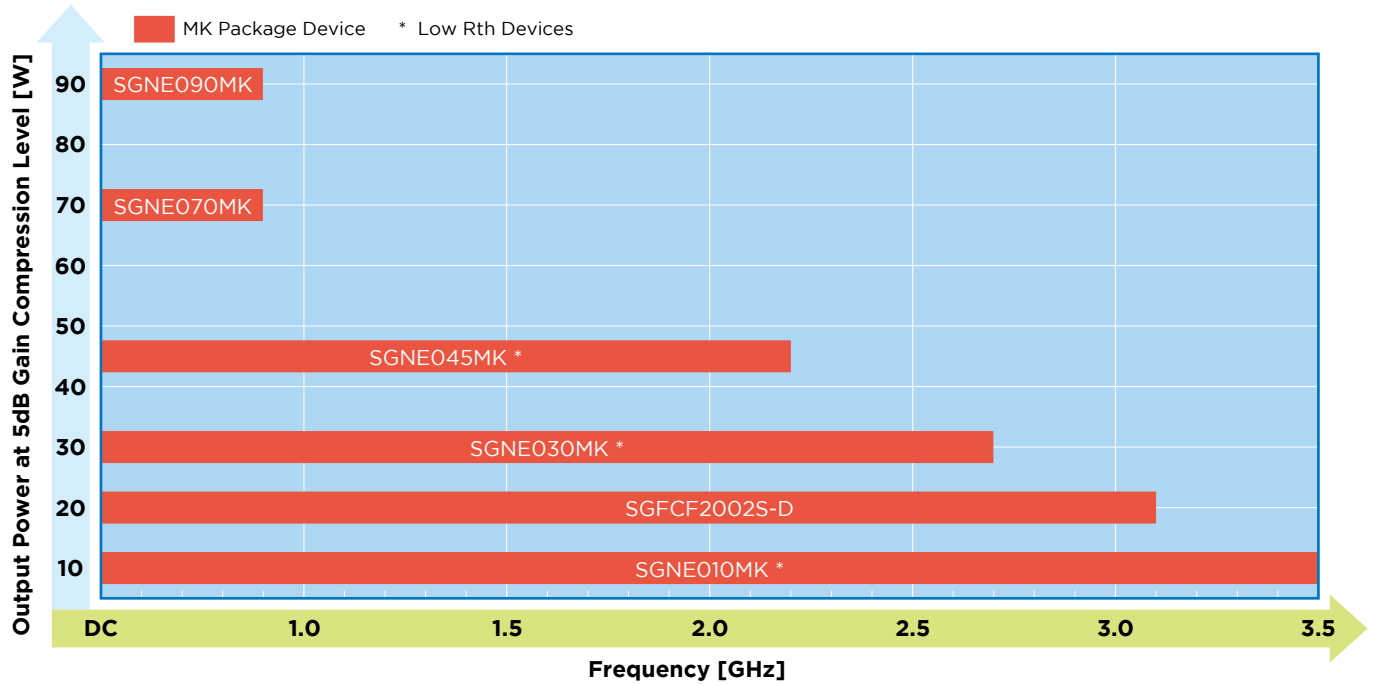
# GaN HEMTs for General Purpose

## 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)	$\eta_{add}$ (%)	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	
SGNE010MK	3.5	40.5	16	55	100	4.5	Z2D
SGFCF2002S-D	3.0	43	26	43	135	3.8	

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

## Product Photo

