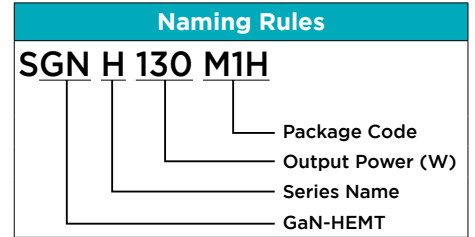


GaN HEMTs for General Purpose

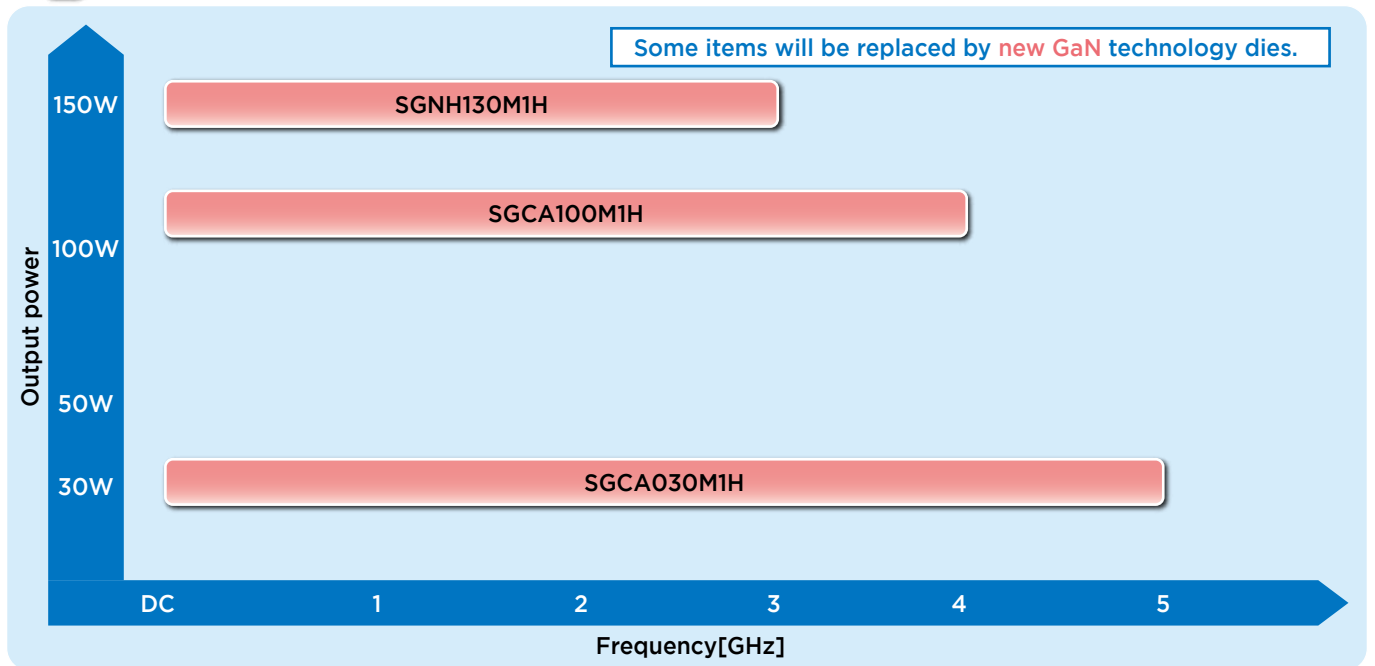
Features

- High Power up to 150W(Typ.)
- High Efficiency
- CW Operable
- Concurrent Broadband Operation
- Small Flangeless Package



GaN HEMTs for General Purpose Lineup

M1H Package



Part Number	Freq. (GHz)	Operation	VDS (V)	Spec. frequency	Pout Typ. (dBm)	Gp Typ. (dB)	η_D Typ. (%)	Pkg
SGCA030M1H	DC-5	CW	50	5	45.5	9.5	53	M1H
SGCA100M1H	DC-4	CW	50	3.9	50.5	14.5	48	
* SGNH130M1H	DC-3.0	CW	50	3	51.9	13.9	56.5	

* : To be replaced by new GaN technology dies.

Measured under pulse condition.

Product Photo



Sumitomo terminated some of GaN HEMT products manufactured by outdated equipment and plans to replace them with new GaN technology dies. Contact us if you are interested or have any questions.