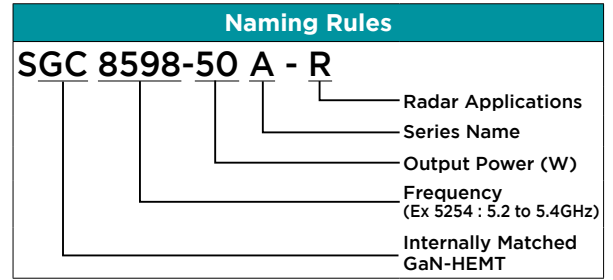


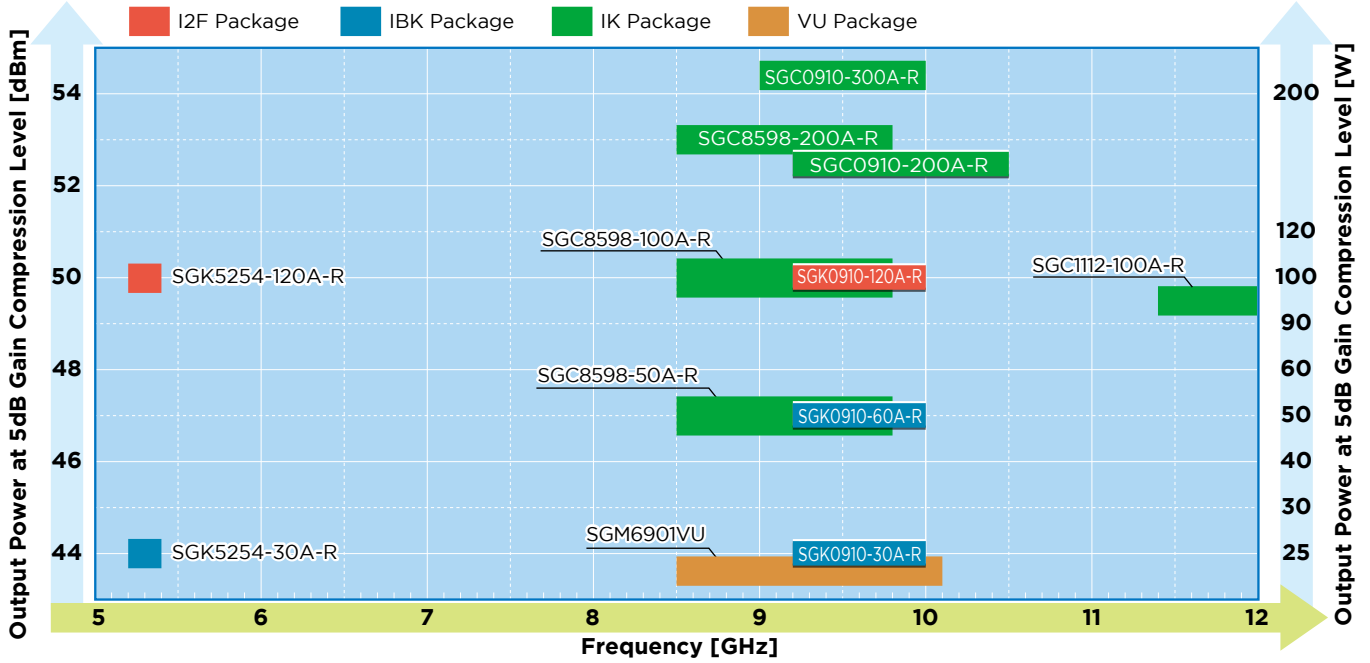
GaN HEMTs for Radar C/X

Features

- High Output Power
- High Gain
- High Efficiency
- Internally Matched



GaN HEMTs for Radar C/X Lineup



Specifications

Part Number	Freq. (GHz)	Pout (dBm)	Gp (dB)	η_{add} (%)	VDS (V)	IDS(RF) (A)	Rth (°C/W)	Condition	Package
SGK5254-30A-R	5.2-5.4	44	15	49	24	2.8	2.2	Pulse Width:100μsec,Duty:10%	IBK
SGK5254-120A-R	5.2-5.4	50	15	47	24	11.6	0.65		I2F
SGC8598-50A-R	8.5-9.8	47	10	40	50	2.8	2.4		IK
SGC8598-100A-R	8.5-9.8	50	9	40	50	5.7	1.4		IBK
SGC8598-200A-R	8.5-9.8	53	9	38	50	11.8	0.6		
SGK0910-30A-R	9.2-10	44	10.5	35	24	3	2.2		I2F
SGK0910-60A-R	9.2-10	47	10.5	35	24	5.9	1.1		
SGK0910-120A-R	9.2-10	50	10	35	24	11.6	0.65		IK
SGC0910-200A-R	9.2-10.5	52.5	8.5	38	50	11.8	0.6		
SGC0910-300A-R	9.0-10.0	54.3	8.3	35	50	17.1	0.7		VU
SGC1112-100A-R	11.4-12.0	49.5	7.5	36	50	6.1	1.4		
SGM6901VU	8.5-10.1	43.8	23.3	38	50	1.8	2.1		

Note: Tc (op)=+25°C

Product Photo

