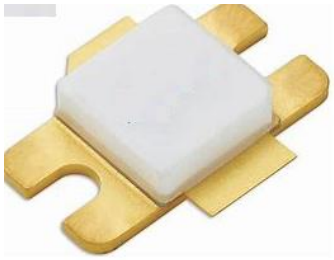
Innogration Technologies

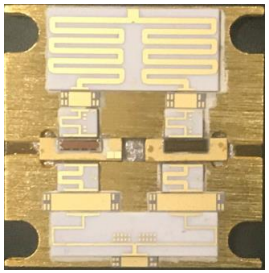
Product selection guide for 2.45GHz

Category	Availability	Match to 50ohm	Part type	Status	Package or Size	Power Supply(V)	Number of stages	CW Power (W)	Efficiency @Psat(%)	Power Gain(dB)	Shielding	Isolator
Connected Amplifier	Now	Yes	IMPA2425-270	Sampling	75*135mm	50	2	270	60	30	Yes	Yes
	Apr-18	Yes	IMPA2425-30	Development	40*55mm	50	2	30	58	30	Yes	Yes
iModule (Chip on carrier)	Now	Yes	IMIA2425-270	Limited sampling	<40*50mm	50	1	270	65	16	No	No
	May-18	Yes	IMIA2425-500	Development	60*60mm	50	1	500	62	15	No	No
Discrete Device (GaN or LDMOS)	Now	No	GTAV25180A2	Sampling	A2	50	1	150	68	16	N/A	N/A
	Now	No	GTAV25100E2	Sampling	E2	50	1	85	70	16	N/A	N/A
	Now	No	GTAV30030E2	Sampling	E2	50	1	30	70	18	N/A	N/A
	Now	No	ITCH25350D4	Released	D4	32	1	400	55	12.5	N/A	N/A
	Now	No	ITCH25280D4	Released	D4	32	1	300	56	13	N/A	N/A
	Now	No	ITCH25180B2	Released	B2	32	1	200	59	13.5	N/A	N/A
	Now	No	ITCH27015E2	Released	E2	32	1	15	65	17	N/A	N/A

* RF performance typically specified at 2450MHz and 25℃ case temperature



Discrete Device



iModule

Connected Amplifier