Innogration Technologies

4G/5G Doherty Product Mapping 2024/Q1

Blue: 50V GaN Discrete Red:50V GaN integrated MCM
Green:50V LDMOS discrete Green:28V LDMOS discrete

Bold: Full band supported
*: Only for selective customers

Psat	0.6-1GHz	1.8-2.2GHz	2.3-2.7GHz	3.4-3.8GHz	3.6-4.2GHz	4.4-5GHz
1KW		STCV221K0CY4V* STCV201K0CY4V* STCV181K0CY4V*	STCV271K0CY4V*			
800W	STCV10800RBY4	**STBV22W300AY2+** **STCV22W600BY4V**	**STCV27W800CY4V**	STCV38800CY4V* STCV36800CY4V*		
700W	STCV10700BY4 **ITEV10250C9 x 3**	STCV22700BY4V STCV20700BY4V	**STCV27700BY4V**		STCV40700CY4V*	
600W	STBV10600RBY4	**STCV22W650BY4V** **STCV22W600BY4V** STCV22603BY4 STBV20601BY4V	**STCV27600BY4V** **STCV24600BY4**	**STCV38650CY4V*** **STCV36650CY4V*** **STCV38600BY4V**	STCV42600CY4V STCV40600CY4V	STCV50600CY4V*
500W	STBV10500BY4 **ITEV10500B4**	STBV20500BY4 STBV22500BY4V **STBV22W501BY4V**	**STBV27500BY4V** **STBV24500BY4**	**STCV38500BY4V** **STCV36500BY4V**	STCV40450BY4V	STCV50450BY4V* STCV47450BY4V*
350W	STBV10350BY4 **ITGV10350BY4** **ITGH09320B4C**	STBV22352BY4	**STBV27350BY4**	**STBV38360BY4V**	STBV40360BY4V	
280W	STBV10280C9 **ITGH09220B4C**	STBV22280BY4	**STBV27280BY4** **STBV27W200C9**	**STBV38280BY4V**	STBV40280BY4V	
200W	**ITGV10200C9** **ITGV10161C9**	**STBV22W200C9**	**STBV27200B4C** **SMBV2527-200**	**STBV38200B4VC** **SMBV3438-200**	**SMBV3740-200** **SMBV3742-200**	STCV50200L4 **STCV50201L4**
100W	**ITGV10130C6** **ITCH09120B4** **STAV10100C6**	**STBV22W130C9**	**STAV27130C6** **SMAV2527-100** **STAV27100C6/P5**	**STBV38130C9** **SMAV3438-100** **SMDV3440-100** **STAV40090C6**	**STBV42130C9** **SMAV3640-100** **SMBV3842-100**	**SMBV4450-101**
35W	**ITGV10051C6** **ITEH09041C6**	STAV27070C6 ITEH18060C6 **ITEH22041C6** **ITGV22035C6**	**STAV27070C6** **SMAV2527-60** **ITEH27041C6**	**SMAV3438-71** **SMAV3741-70**	**SMAV3741-70** **（50W 3.4—4.0GHz)**	**SMAV4850-71** **SMAV4450-55**