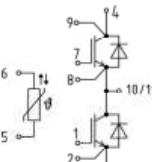


IGBT功率模块

IGBT Power Modules

型号 TYPE	电气特性Electrical Characteristics						封装外形 Package Style	内部电路 Circuit	外形图 Outlines
	V _{CES}	I _{C25}	I _{C90}	V _{CEsat}	E _{OFF}	R _{th(J-C)}			
		Tc=25℃	Tc=90℃	@25℃ typ.	@125℃ typ.				
		V	A	A	V				
T Series: 600-650V Half Bridge IGBT Module									
SGG50T60UC1	600	100	50	1.65	1.90	0.68	C1 (Fig.1)	1	C1 (Fig.1) 
SGG75T60UC1	600	150	75	1.55	1.80	0.57	C1 (Fig.1)	1	
SGG100T60UC1	600	200	100	1.65	1.34	0.37	C1 (Fig.1)	1	
SGG145T60UC1	600	290	145	1.65	2.40	0.24	C1 (Fig.1)	1	
SGG150T60UC2	600	300	150	1.65	2.40	0.19	C2 (Fig.26)	1	
SGG195T60UC1	600	390	195	1.65	7.80	0.22	C1 (Fig.1)	1	C2 (Fig.26) 
SGG200T60UC2	600	400	200	1.65	7.80	0.17	C2 (Fig.26)	1	
SGG200T65UC2	650	400	200	1.65	7.80	0.17	C2 (Fig.26)	1	
SGG300T60UC2	600	600	300	1.65	8.40	0.14	C2 (Fig.26)	1	
SGG300T65UC2	650	600	300	1.65	8.40	0.14	C2 (Fig.26)	1	
SGG400T60UC2	600	800	400	1.65	10.40	0.12	C2 (Fig.26)	1	
T Series: 600-650V Boost Chopper / Buck Chopper IGBT Module									
SGD(SDG)50T60UC1	600	100	50	1.65	1.90	0.68	C1 (Fig.1)	2(3)	C3 (Fig.58) 
SGD(SDG)75T60UC1	600	150	75	1.55	1.80	0.57	C1 (Fig.1)	2(3)	
SGD(SDG)100T60UC1	600	200	100	1.65	1.34	0.37	C1 (Fig.1)	2(3)	
SGD(SDG)145T60UC1	600	290	145	1.65	2.40	0.24	C1 (Fig.1)	2(3)	
SGD(SDG)150T60UC2	600	300	150	1.65	2.40	0.19	C2 (Fig.26)	2(3)	
SGD(SDG)195T60UC1	600	390	195	1.65	7.80	0.22	C1 (Fig.1)	2(3)	
SGD(SDG)200T60UC2	600	400	200	1.65	7.80	0.17	C2 (Fig.26)	2(3)	
SGD(SDG)200T65UC2	650	400	200	1.65	7.80	0.17	C2 (Fig.26)	2(3)	
SGD(SDG)300T60UC2	600	600	300	1.65	8.40	0.14	C2 (Fig.26)	2(3)	
SGD(SDG)300T65UC2	650	600	300	1.65	8.40	0.14	C2 (Fig.26)	2(3)	
SGD(SDG)400T60UC2	600	800	400	1.65	10.40	0.12	C2 (Fig.26)	2(3)	
T Series: 1200V Half Bridge IGBT Module									
SGG50T120UC1	1200	75	50	1.95	4.50	0.53	C1 (Fig.1)	1	C5 (Fig. 5)  
SGG75T120UC1	1200	100	75	1.95	6.90	0.38	C1 (Fig.1)	1	
SGG100T120UC1	1200	150	100	1.95	10.20	0.27	C1 (Fig.1)	1	
SGG145T120UC1	1200	200	145	1.95	15.80	0.19	C1 (Fig.1)	1	
SGG150T120UC2	1200	200	150	1.95	18.70	0.16	C2 (Fig.26)	1	
SGG200T120UC2	1200	300	200	1.95	20.00	0.14	C2 (Fig.26)	1	
SGG300T120UC2	1200	400	300	1.95	29.00	0.11	C2 (Fig.26)	1	
SGG400T120UC2	1200	600	400	1.95	42.00	0.072	C2 (Fig.26)	1	
SGG450T120UC2	1200	700	450	1.95	49.00	0.062	C2 (Fig.26)	1	
SGO400T120UC3	1200	600	400	1.95	44.00	0.072	C3 (Fig.58)	4	
SGO600T120UC3	1200	900	600	1.95	63.00	0.049	C3 (Fig.58)	4	
SGO800T120UC3	1200	1000	800	1.95	95.00	0.042	C3 (Fig.58)	4	
SGG600T120UC5	1200	900	600	1.95	76.00	0.04	C5 (Fig.5)	5	
SGG700T120UC5	1200	900	700	1.95	65.00	0.084	C5 (Fig.5)	5	

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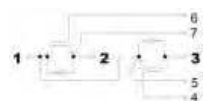
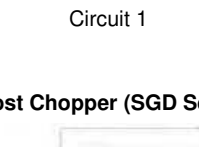
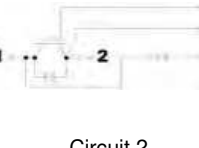
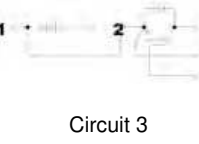
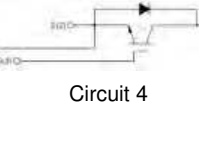
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 Пермь (342)205-81-47

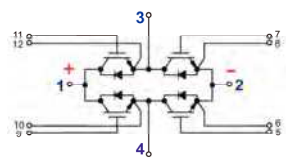
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 Череповец (8202)49-02-64
 Чита (3022)38-34-83
 Якутск (4112)23-90-97
 Ярославль (4852)69-52-93

型号 TYPE	电气特性Electrical Characteristics						封装外形 Package Style	内部电路 Circuits	外形图 Outlines	
	V _{CES}	I _{C25}	I _{C90}	V _{CEsat}	E _{OFF}	R _{th(J-C)}				
		T _C =25 °C	T _C =90 °C	@25°C typ.	@125° C typ.					
	V	A	A	V	mJ	K/W				
NF Series: 1200V Half Bridge IGBT Module										
SGG50NF120UC1	1200	100	50	2.05	1.90	0.450	C1 (Fig.1)	1	C1 (Fig.1) 	
SGG75NF120UC1	1200	150	75	2.05	2.10	0.380	C1 (Fig.1)	1		
SGG75NF120SC1	1200	150	75	2.05	2.10	0.420	C1 (Fig.1)	1		
SGG100NF120UC1	1200	200	100	2.05	2.30	0.310	C1 (Fig.1)	1		
SGG100NF120SC1	1200	200	100	2.10	2.30	0.350	C1 (Fig.1)	1		
SGG145NF120UC1	1200	290	145	2.10	9.30	0.165	C1 (Fig.1)	1		
SGG145NF120SC1	1200	290	145	2.10	9.30	0.210	C1 (Fig.1)	1	C2 (Fig.26) 	
SGG150NF120UC2	1200	300	150	2.10	9.30	0.125	C2 (Fig.26)	1		
SGG200NF120UC2	1200	400	200	2.10	13.10	0.099	C2 (Fig.26)	1		
SGG300NF120UC2	1200	600	300	2.10	16.20	0.089	C2 (Fig.26)	1		
SGG400NF120UC2	1200	800	400	2.10	25.00	0.072	C2 (Fig.26)	1		
SGO400NF120UC3	1200	800	400	2.10	25.00	0.072	C3 (Fig.58)	4		
SGO600NF120UC3	1200	1200	600	2.10	32.00	0.130	C3 (Fig.58)	4	C3 (Fig.58) 	
NF Series: 1200V Boost Chopper / Buck Chopper IGBT Module										
SGD(SDG)50NF120UC1	1200	100	50	2.05	1.90	0.450	C1 (Fig.1)	2(3)		
SGD(SDG)75NF120UC1	1200	150	75	2.05	2.10	0.380	C1 (Fig.1)	2(3)		
SGD(SDG)100NF120UC1	1200	200	100	2.05	2.30	0.310	C1 (Fig.1)	2(3)		
SGD(SDG)145NF120UC1	1200	290	145	2.10	9.30	0.165	C1 (Fig.1)	2(3)		
SGD(SDG)150NF120UC2	1200	300	150	2.10	9.30	0.125	C2 (Fig.26)	2(3)	内部电路图Circuit  Half Bridge (SGG Series)	
SGD(SDG)200NF120UC2	1200	400	200	2.10	13.10	0.099	C2 (Fig.26)	2(3)		
SGD(SDG)300NF120UC2	1200	600	300	2.10	16.20	0.089	C2 (Fig.26)	2(3)		
SGD(SDG)400NF120UC2	1200	800	400	2.10	25.00	0.072	C2 (Fig.26)	2(3)		
N125 Series: 1200V Half Bridge IGBT Module										
SGG75N125UC1	1200	75	50	3.00	5.00	0.270	C1 (Fig.1)	1	Circuit 1 	
SGG100N125UC1	1200	100	75	3.00	3.50	0.180	C1 (Fig.1)	1		
SGG145N125UC1	1200	145	100	3.00	4.50	0.160	C1 (Fig.1)	1		
SGG150N125UC2	1200	150	100	3.00	4.50	0.120	C2 (Fig.26)	1		
SGG200N125UC2	1200	200	150	3.00	8.00	0.095	C2 (Fig.26)	1		
SGG300N125UC2	1200	300	200	3.00	11.00	0.075	C2 (Fig.26)	1		
SGG400N125UC2	1200	400	300	3.00	18.00	0.050	C2 (Fig.26)	1	Circuit 2 	
SGO600N125UC3	1200	600	400	3.00	22.00	0.041	C3 (Fig.58)	4		
T Series: 1700V Half Bridge IGBT Module										
SGG75T170UC1	1700	125	75	1.95	29.00	0.304	C1 (Fig.1)	1	Circuit 3 	
SGG100T170UC1	1700	160	100	1.95	39.00	0.234	C1 (Fig.1)	1		
SGG145T170UC1	1700	260	145	1.95	59.00	0.162	C1 (Fig.1)	1		
SGG150T170UC2	1700	240	150	1.95	59.00	0.161	C2 (Fig.26)	1		
SGG200T170UC2	1700	300	200	1.95	79.00	0.122	C2 (Fig.26)	1		
SGG300T170UC2	1700	400	300	1.95	121.00	0.083	C2 (Fig.26)	1		
SGG400T170UC2	1700	600	400	1.95	180.00	0.066	C2 (Fig.26)	1	Circuit 4 	
T Series: 1700V Boost Chopper / Buck Chopper IGBT Module										
SGD(SDG)75T170UC1	1700	125	75	1.95	29.00	0.304	C1 (Fig.1)	2(3)		
SGD(SDG)100T170UC1	1700	160	100	1.95	39.00	0.234	C1 (Fig.1)	2(3)		
SGD(SDG)145T170UC1	1700	260	145	1.95	59.00	0.162	C1 (Fig.1)	2(3)		
SGD(SDG)150T170UC2	1700	240	150	1.95	59.00	0.161	C2 (Fig.26)	2(3)		
SGD(SDG)200T170UC2	1700	300	200	1.95	79.00	0.122	C2 (Fig.26)	2(3)		

型号 TYPE	电气特性Electrical Characteristics						封装外形 Package Style	内部电路 Circuits	外形图 Outlines
	V _{CES}	I _{C25}	I _{C90}	V _{CEsat}	E _{OFF}	R _{th(J-C)}			
		T _C =25 °C	T _C =90 °C	@25°C typ.	@125°C C typ.				
		V	A	A	V				
SGD(SDG)300T170UC2	1700	400	300	1.95	121.00	0.083	C2 (Fig.26)	2(3)	C9 (Fig.16)  内部电路图Circuit  Circuit 6
SGD(SDG)400T170UC2	1700	600	400	1.95	180.00	0.066	C2 (Fig.26)	2(3)	
4 Units H-Bridge IGBT Module									
S4G40T60SC9	600	80	40	1.80	0.80	0.480	C9 (Fig.16)	6	
S4G40T60UC9	600	80	40	1.80	0.80	0.475	C9 (Fig.16)	6	
S4G50T60SC9	600	100	50	1.80	0.90	0.370	C9 (Fig.16)	6	
S4G50T60UC9	600	100	50	1.80	0.90	0.365	C9 (Fig.16)	6	
S4G60T60SC9	600	120	60	1.80	1.10	0.250	C9 (Fig.16)	6	
S4G60T60UC9	600	120	60	1.80	1.10	0.245	C9 (Fig.16)	6	
S4G75T60SC9	600	150	75	1.80	2.00	0.175	C9 (Fig.16)	6	
S4G75T60UC9	600	150	75	1.80	2.00	0.170	C9 (Fig.16)	6	
S4G100T60SC9	600	200	100	1.80	2.30	0.155	C9 (Fig.16)	6	
S4G100T60UC9	600	200	100	1.80	2.30	0.150	C9 (Fig.16)	6	
S4G25T120SC9	1200	50	25	1.90	0.65	0.650	C9 (Fig.16)	6	
S4G40T120SC9	1200	80	40	1.95	1.40	0.580	C9 (Fig.16)	6	
S4G50T120SC9	1200	81	50	1.95	4.50	0.530	C9 (Fig.16)	6	
S4G75T120SC9	1200	150	75	1.95	6.30	0.375	C9 (Fig.16)	6	
S4G75N125UC9	1200	75	50	3.10	2.50	0.530	C9 (Fig.16)	6	

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