



TYPE	TOPOLOGY	VOLTAGE(V)	CURRENT(A)	PACKAGE	PAGE
IGBT 功率模块 IGBT Power Modules	Power Integrated Module (PIM IGBT模块)				
	PI(Full Bridge+Chopper+Rectifier)	600	10,20,30,35,50,75,100	B2,B3,B9,	08-15
		650	10,20,35,50,75,100	C6,C7,	
		1200	10,15,25,35,40,50,75,100,150	T5,T6	
	Full Bridge (全桥IGBT模块)				
	FF(Full Bridge)	650	35,50,75,100,150,200,300,400	A1,A6,A8,B3,B9,	16-22
		1200	10,15,25,35,50,75,100,150,200,300	C6,C7,T5,T6	
	Seven Pack (7单元IGBT模块)				
	FB(Seven Pack)	600	10,20,35,50,75	A1,B3,C7	23-24
		1200	10,15,25,35,40,50		
	H-Bridge (H 桥IGBT模块)				
	HH(H-Bridge)	650	35,50,75,100,150,200	A1,A7B,B3,	25-30
		1200	35,40,50,75,100,150,200	C7,T2,T5,T6	
	Half Bridge (半桥IGBT模块)				
	HF(Half Bridge)	650	75,100,150,200,300,400,450,600	A4,A5,B1,P3,P4	31-41
		1200	40,50,75,100,150,200,225,300,400,450,600,1200	T1,T1V,T1W,T2V,	
		1700	100,150,200,300,450,600,1000	T2N,T2L,T8,T9	
	Single Switch(单管IGBT模块)				
	SD(IGBT+FWD)	650	200,300,400,600,800,900	A2,B5,T2Z,T3,T4	42-46
		1200	50,75,100,150,200,300,400,600,800,900,2400,3600		
		1700	100,200,300,600,900,1200,2400,3600		
Chopper (斩波IGBT模块)					
CU(Chopper,Diode on High Side)	650	225,300,450,600	A5,B5,T1,	46-52	
	1200	50,75,100,150,200,225,300,400,450,600	T1V,T2V,T2N,T9		
	1700	100,150,200,300			
CL(Chopper,Diode on Lower Side)	650	225,300,450,600			
	1200	50,75,100,150,200,225,300,400,450,600			
	1700	100,150,200,300			
DF(Three Groups Chopper,Diode on Lower Side)	650	200,300,400	A8	46-52	
	1200	100,150,200			
FD(Three Groups Chopper,Diode on High Side)	650	200,300,400			
	1200	100,150,200			
CH(CU+CL)	650	50,75	B2,T2,T9		
	1200	75,100,150,200,225,300,450,600			
CZ(CU+CL)	650	75,100,150,200	T5,T6		
	1200	50,75,100,150,200			

TYPE	TOPOLOGY	VOLTAGE(V)	CURRENT(A)	PACKAGE	PAGE	
IGBT 功率模块	Three level (三电平IGBT模块)					
	TL(Three level,I Type)	650	50,75,100,150,200,300,400,500,600	A8,B2,B3,B9,	53-58	
		1200	50,100,150,200,300	T2S,T7		
	TAR(Three level,FRD on Collector, Emitter)	650	150,200,300,400	T2S		
	IGBT Power Modules	TT(Three level,T Type)	650	50,75		B2
MAR(Three level,Emitter Controlled HE diode)		1200	200,300	T9		
MCR(Three level,Emitter Controlled HE diode)	1200	200,300				
IGBT功率模块外形图 / IGBT Power Module Package Outline					59-86	
智能功率 模块	Intelligent Power Modules (IPM智能功率模块)					
Intelligent Power Modules	IPM	600	30,50	A7	87	
		1200	5,10,15,20,30			
智能功率模块外形图 / Intelligent Power Module Package Outline					88	
MOSFET 功率模块	Half Bridge (半桥MOSFET模块)					
	MOSFET Power Modules	HF(Half Bridge)	100	500,700,900,1000,1200,1400	B1,T2N	89-91
			150	340,500,680,850		
200			450,550,650			
MOSFET功率模块外形图 / MOSFET Power Module Package Outline					92	
汽车模块 Automotive Modules	Full Bridge (全桥IGBT模块)					
	FF(Full Bridge)	650	200,300,400,550	A8,B3,B8,B9, C8,C8N	93-97	
		750	200,300,400,600,800			
		1200	25,35,40,50,75,100,150,200,300,400,600			
	Half Bridge (半桥IGBT模块)					
	HF(Half Bridge)	650	300,450,600	T9	98	
		1200	225,300,450,600			
		1700	300,450,600			
	Half Bridge (半桥MOSFET模块)					
	HF(Half Bridge)	100	500,700,900,1000,1200,1400	B1,T2L	99-100	
		150	340,500,680,850			
		200	450,550,650			
Full Bridge (全桥SiC MOSFET模块)						
FF(Full Bridge)	1200	200,300,400,510,620,720	C8,C8N	101		
Half Bridge (半桥SiC MOSFET模块)						
HF(Half Bridge)	1200	120,160,240,300	T2L	102		
	1700	300				
汽车模块外形图 / IGBT Power Module Package Outline					103-109	

TYPE	TOPOLOGY	VOLTAGE(V)	CURRENT(A)	PACKAGE	PAGE	
SiC MOSFET 模块	Half Bridge (半桥SiC MOSFET模块)					
	HF(Half Bridge)	1200	120,150,160,240,300	B9,T2N,T2L	110-111	
		1700	300			
	Full Bridge (全桥SiC MOSFET模块)					
	FF(Full Bridge)	1200	20,50	C7,T5	111-112	
		1700	50			
	SiC MOSFET Modules	Single Phase Rectifier Bridge (单相整流SiC MOSFET模块)				
		FH(Single Phase Rectifier Bridge)	600	30	B3	112
			1200	30		
	Three level (三电平SiC MOSFET模块)					
	TL(Three level,I Type)	650	150,200,300,400	A8,B9	113	
SiC MOSFET 模块外形图 / SiC MOSFET Module Package Outline					114-117	
GaN 模块	Full Bridge (全桥GaN模块)					
	FF(Full Bridge)	650	300	C8B	118	
GaN 模块外形图 / GaN Module Package Outline					119	
快恢 二极管 模块	Half Bridge (半桥二极管模块)					
	HF(Half Bridge)	1200	100,150,200	A9,T1W	120	
		1700	100,150			
	Single Diode (单管二极管模块)					
SD(Diode)	1200	100,150,200,300,400	A9,T1W	121-122		
	1700	100,150,200,300				
Diode Modules	Common Cathode (共阴极二极管模块)					
	CK(Common Cathode)	1200	100,150,200	A9	122	
快恢二极管模块外形图 / Diode Module Package Outline					123	
整流模块	Half Bridge Rectifier Diode Modules (半桥整流二极管模块)					
	HF(Half Bridge)	1800	70,100,120,165,190,230,300	A9,T1W	124	
	Common Cathode Rectifier Diode Modules (共阴极整流二极管模块)					
	CK(Common Cathode)	1800	70,100,120,165,200,230,300	A9,T1W	124-125	
	Three Phase Rectifier Bridge (三相整流模块)					
	FF(Full Bridge)	1800	30,50,52,75,100,130,160,200,250	C1,C2,C3	125-126	
Three Phase Rectifier Bridge+Thyristor (三相整流+SCR模块)						
FFS(Full Bridge+SCR)	1800	100,150,200	C4,C5	126-127		
整流模块外形图 / Rectifier Module Package Outline					128-131	
晶闸管模块	Half Bridge (半桥SCR模块)					
	HF(Half Bridge)	1800	60,90,110,130,160,320	A9,T1W,P2	132-133	
晶闸管模块外形图 / Thyristor(SCR) Module Package Outline					134-135	