

IGBT模块  
IGBT MODULES

绝缘耐压: 3000V(交流)  
V<sub>iso</sub>:3000V(AC)

型号 Part Number	集电极-发射极电压 V <sub>CEs</sub> min. (V)	集电极电流 I <sub>c</sub> @ T <sub>c</sub> =80°C (A)	饱和压降 V <sub>CE(sat)</sub> typ. (V)	开关能量损耗典型值 E <sub>on</sub> +E <sub>off</sub> typ. T <sub>j</sub> =125°C (mJ)	最大结-壳热阻 R <sub>th-jc</sub> max. (°C/W)	封装 Package	电路结构 Circuit structure
MG50HF12TLC1	1200	50	1.85	11.2	0.31	C1	
MG75HF12TLC1	1200	75	1.85	16.7	0.26	C1	
MG100HF12TLC1	1200	100	1.85	22.55	0.19	C1	
MG150HF12TLC1	1200	150	1.9	40.2	0.155	C1	
MG50HF12TFC1	1200	50	2.1	7.25	0.52	C1	
MG75HF12TFC1	1200	75	2.1	13.9	0.26	C1	
MG100HF12TFC1	1200	100	2.1	18.6	0.19	C1	
MG150HF12TFC1	1200	150	2.1	28.4	0.155	C1	
MG100HF065TFC1	650	100	1.85	7.0	0.35	C1	
MG150HF065TFC1	650	150	2.0	10.5	0.35	C1	
MG40HF12LEC1	1200	40	2.0	7.3	0.40	C1	
MG50HF12LEC1	1200	50	3.1	7.63	0.31	C1	
MG75HF12LEC1	1200	75	3.0	13.3	0.19	C1	
MG100HF12LEC1	1200	100	3.0	19.4	0.185	C1	
MG30HF065TLC1	650	30	1.6	1.82	0.32	C1	
MG50HF065TLC1	650	50	1.6	2.38	0.24	C1	
MG75HF065TLC1	650	75	1.6	3.71	0.2	C1	
MG100HF065TFC1	650	100	1.6	3.22	0.36	C1	
MG150HF065TFC1	650	150	1.85	4.82	0.32	C1	
MG100HF065TLC1	650	100	1.3	4.36	0.36	C1	
MG150HF065TLC1	650	150	1.55	6.74	0.32	C1	
MG200HF065TLC1	650	200	1.50	8.79	0.23	C1	
MG150HF12TFC2	1200	150	2.10	27.7	0.18	C2	
MG200HF12TFC2	1200	200	2.10	32.2	0.12	C2	
MG300HF12TFC2	1200	300	2.25	31.6	0.09	C2	
MG450HF12TFC2	1200	450	2.25	54.0	0.065	C2	
MG150HF12TLC2	1200	150	1.85	27.9	0.18	C2	
MG200HF12TLC2	1200	200	1.75	48.5	0.12	C2	
MG300HF12TLC2	1200	300	1.90	57.9	0.09	C2	
MG600HF12TLC2	1200	600	1.90	115.8	0.045	C2	
MG450HF12TLC2	1200	450	1.90	75.8	0.065	C2	
MG200HF065TLC2	650	200	1.45	12.02	0.21	C2	
MG300HF065TLC2	650	300	1.45	16.01	0.15	C2	
MG400HF065TLC2	650	400	1.45	19.23	0.11	C2	
MG600HF065TLC2	650	600	1.45	36.35	0.09	C2	
MG100HF12LEC2	1200	100	3.1	12.07	0.15	C2	
MG150HF12LEC2	1200	150	3.0	29.4	0.11	C2	
MG200HF12LEC2	1200	200	3.0	41.6	0.09	C2	
MG300HF12LEC2	1200	300	3.0	58.5	0.06	C2	
MG30P065P3	650	20	1.65	1.24	0.62	P2	
MG10P12P2	1200	10	1.85	1.53	1.43	P2	
MG15P12P2	1200	15	1.85	2.58	1.05	P2	



C1



C2



P2

IGBT模块  
IGBT MODULES

绝缘耐压: 3000V(交流)  
V<sub>iso</sub>:3000V(AC)

型号 Part Number	集电极-发射极电压 V <sub>CEs</sub> min. (V)	集电极电流 I <sub>c</sub> @ T <sub>c</sub> =80°C (A)	饱和压降 V <sub>CE(sat)</sub> typ. (V)	开关能量损耗典型值 E <sub>on</sub> +E <sub>off</sub> typ. T <sub>j</sub> =125°C (mJ)	最大结-壳热阻 R <sub>th-jc</sub> max. (°C/W)	封装 Package	电路结构 Circuit structure
MG20TF065P2	650	20	1.65	1.24	0.62	P2	
MG30TF065P2	650	30	1.65	1.81	0.44	P2	
MG25TF12P2	1200	25	1.85	4.55	0.38	P2	
MG35TF12P2	1200	35	1.85	6.25	0.27	P2	
MG30TL065P2	650	30	1.65	1.81	0.44	P2	
MG50TL065P2	650	50	1.65	2.57	0.37	P2	
MG75TL065P3	650	75	1.65	5.61	0.33	P3	
MG100TL065P3	650	100	1.65	8.55	0.24	P3	
MG150TL065P3	650	150	1.65	13.4	0.17	P3	
MG50TF12P3	1200	50	1.85	9.41	0.18	P3	
MG75TF12P3	1200	75	1.85	12.35	0.11	P3	
MG10P12P3	1200	10	1.85	2.34	1.25	P3	
MG15P12P3	1200	15	1.85	2.58	1.05	P3	
MG25P12P3	1200	25	1.85	4.56	0.68	P3	
MG35P12P3	1200	35	1.85	6.27	0.43	P3	
MG100TT12TLP3	1200	100	2.0	10.21	0.18	P3	
MG150TT12TLP3	1200	150	2.0	14.22	0.16	P3	
MG200TT12TLP3	1200	200	2.0	18.21	0.12	P3	
MG10P065E1	650	10	1.6	0.52	1.43	E1	
MG15P065E1	650	15	1.6	0.68	1.24	E1	
MG25P065E1	650	25	1.6	1.12	0.95	E1	
MG35P065E1	650	35	1.6	1.63	0.67	E1	
MG40P065E1	650	40	1.6	3.15	0.59	E1	
MG10P12E1	1200	10	1.85	2.3	1.25	E1	
MG15P12E1	1200	15	1.85	2.98	1.15	E1	
MG25P12E1	1200	25	1.85	4.58	0.90	E1	
MG40P12E1	1200	40	1.90	9.09	0.66	E1	
MG35TF12E1	1200	35	1.85	6.27	0.42	E1	
MG50TF12E1	1200	50	1.85	10.45	0.39	E1	
MG75TF12E1	1200	75	1.85	14.62	0.33	E1	
MG10P065E1A	650	10	1.6	0.52	1.43	E1A	
MG15P065E1A	650	15	1.6	0.68	1.24	E1A	
MG25P065E1A	650	25	1.6	1.12	0.95	E1A	
MG35P065E1A	650	35	1.6	1.63	0.67	E1A	
MG50P065E1A	650	50	1.6	3.15	0.59	E1A	
MG15P12E1A	1200	15	1.85	2.57	0.87	E1A	
MG25P12E1A	1200	25	1.85	4.58	0.90	E1A	
MG35P12E1A	1200	35	1.85	7.66	0.66	E1A	
MG50P12E1A	1200	50	1.90	13.06	0.52	E1A	
MG50TF065E2A	650	50	1.65	2.85	0.59	E2A	
MG75TF065E2A	650	75	1.65	4.28	0.47	E2A	
MG100TF065E2A	650	100	1.65	6.65	0.36	E2A	
MG150TF065E2A	650	150	1.55	6.39	0.36	E2A	



P2



P3



E1



E1A



E2A

# IGBT模块 IGBT MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	集电极-发射极电压 V <sub>CEs</sub> min. (V)	集电极电流 I <sub>c</sub> @ T <sub>c</sub> =80°C (A)	饱和压降 V <sub>CE(sat)</sub> typ. (V)	开关能量损耗典型值 E <sub>on</sub> +E <sub>off</sub> typ. T <sub>j</sub> =125°C (mJ)	最大结-壳热阻 R <sub>th(j-c)</sub> max. (°C/W)	封装 Package	电路结构 Circuit structure
MG50P065E2A	650	50	1.65	2.85	0.59	E2A	
MG75P065E2A	650	75	1.65	4.28	0.47	E2A	
MG100P065E2A	650	100	1.65	6.65	0.36	E2A	
MG50P12E2A	1200	50	1.90	13.06	0.52	E2A	
MG75P12E2A	1200	75	1.85	15.2	0.339	E2A	
MG50TF12E2A	1200	50	1.85	11.88	0.41	E2A	
MG75TF12E2A	1200	75	1.85	13.82	0.34	E2A	
MG100TF12E2A	1200	100	1.85	22.31	0.28	E2A	
MG150TF12E2A	1200	150	1.85	32.8	0.21	E2A	
MG200TF12E2A	1200	200	1.85	45.2	0.13	E2A	
MG50P12E2	1200	50	1.90	13.06	0.52	E2	
MG75P12E2	1200	75	1.85	15.2	0.339	E2	
MG100P12E2	1200	100	1.85	22.6	0.27	E2	
MG150P12E2	1200	150	1.9	34.9	0.18	E2	
MG300HF065TLE3	650	300	1.45	30	0.2	E3	
MG450HF065TLE3	650	450	1.45	43	0.09	E3	
MG600HF065TLE3	650	600	1.45	54	0.06	E3	
MG225HF12TLE3	1200	225	1.85	43	0.07	E3	
MG300HF12TLE3	1200	300	1.85	62	0.04	E3	
MG450HF12TLE3	1200	450	1.85	91	0.03	E3	
MG600HF12TLE3	1200	600	1.85	121	0.02	E3	
MG75U12TLGJ	1200	75	2.3	18.1	0.2	GJ	
MG75UZ12TLGJ	1200	75	2.3	18.1	0.2	GJ	
MG100UZ12TLGJ	1200	100	2.3	17.7	0.18	GJ	
MG600U12TLC21	1200	600	1.9	111.7	0.043	C21	
MG400U12TLC21	1200	400	1.9	75.2	0.068	C21	
MG600U065TLC21	650	600	1.6	43.1	0.08	C21	



E2A



E2



E3



GJ



C21