


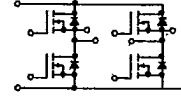
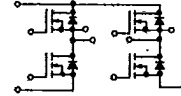
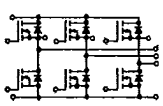
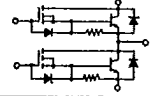

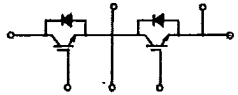
GTR Modules

Bipolar Darlington

CONNECTION			MAXIMUM RATING														
CIRCUIT	SYMBOL		V _{CE0} (SUS) (V)	I _c (A)													
	CKT	TYPE NOTE		10	15	20	25	30	50	75	100	150	200	300	400		
	A	L	450		MG15G1A1 [‡]							MG100G1A1 [‡]					
			550											MG200H1A1 [‡]			
	B	L	450					MG30G1B1 [‡]	MG50G1B1 [‡]	MG75G1B1							
			K	1000*				MG25M1BK1 [‡]		MG50M1BK1 [‡]							
	F	L	450									MG100G1F1					
			550										MG150H1F1	MG200H1F1 [‡]	MG300H1F1	MG400H1F1	
		K	550														MG400H1FK1
			1000*												MG200M1FK1 [‡]	MG300M1FK1 [‡]	
	U	L	450												MG300H1U1	MG400H1U1	
			550													MG300H1U1	MG400H1U1
	U	K	1000*													MG200M1UK1	MG300M1UK1
			1200*													MG200Q1UK1	MG300Q1UK1
			1400*														MG160S1UK1 (160A)
	C	L	450					MG30G2C1 [‡]	MG50G2C1 [‡]	MG75G2C1	MG100G2C1						
			550							MG75H2C1	MG100H2C1	MG150H2C1					
	K	550									MG100H2CK1		MG200H2CK1				
		1000*					MG25M2CK2		MG50M2CK2 [‡]	MG75M2CK2 [‡]	MG100M2CK2 [‡]	MG150M2CK2 [‡]					
		1100*		MG15N2CK1 [‡]		MG25N2CK1 [‡]		MG50N2CK1 [‡]									
	Y	L	450					MG30G2YL1	MG50G2YL1	MG75G2YL1	MG100G2YL1	MG150G2YL1					
			550							MG100H2YL1		MG150H2YL1					
	K	1000*					MG25M2YK1		MG50M2YK1	MG75M2YK1	MG100M2YK1	MG150M2YK1					
		1100*		MG15N2YK1		MG25N2YK1		MG50N2YK1									
		1200*							MG50Q2YK1	MG75Q2YK1	MG100Q2YK1	MG150Q2YK1					
		1400*							MG40S2YK1 (40A)		MG60S2YK1 (60A)						
	D	L	450					MG30G2DL1	MG50G2DL1	MG75G2DL1	MG100G2DL1						
			550								MG75H2DL2	MG100H2DL2	MG150H2DL1				
	E	L	450	MG10G6EL2	MG15G6EL1 [‡]	MG20G6EL1 [‡]		MG30G6EL1 [‡]	MG50G6EL1 [‡]								
			K	1100*		MG15N6EK1 [‡]		MG25N6EK1 [‡]									
	G	L	450		MG15G1GL1	MG20G1GL1											
	J	L	450					MG30G1JL1	MG50G1JL1	MG75G1JL1	MG100G1JL1						

NOTE : (L):2-STAGE DARLINGTON, (K):3-STAGE DARLINGTON ‡:UNDER DEVELOPMENT *:V_{CEX(SUS)} †:UL RECOGNIZED

MOS FET, MOS GATE DARLINGTON, IGBT

CONNECTION			MAXIMUM RATING												
	SYMBOL		V _{DSS} V _{CE5} (V)	ID/IC (A)											
	CKT	TYPE NOTE		8	10	15	25	30	50	75	100	150	200	300	400
	A	M	150			@ 2SK378									
			250		@ 2SK708	@ 2SK447									
			450	@ 2SK568	@ 2SK708	MG15G1AM1									
	G	M	250		MG10G4GM1	MG15D4GM1									
			450	MG8G4GM1	MG10G4GM1	MG15G4GM1 #									
	H	M	150			MG15C4HM1									
			250			MG15D4HM1									
	E	M	250	MG8D6EM1		MG15D6EM1 #									
			450	MG8G6EM1	MG10G6EM1	MG15G6EM1									
		500			MG15H6ES1 §										
	C	H	450						MG50G2CH1		MG10G2CH1				
	B	S	500			MG25H1BS1		MG50H1BS1		MG100H1BS1		MG200H1BS1 §			
			1000			MG15N1BS1	MG25N1BS1		MG50N1BS1						
	Y	M	250					MG30D2YM1	MG50D2YM1 §						
			450					MG30G2YM1	MG50G2YM1 §						
		500				MG25H2YS1		MG50H2YS1	MG75H2YS1 §	MG100H2YS1		MG200H2YS1			
		1000			MG15N2YS1	MG25N2YS1		MG50N2YS1	MG75N2YS1 §	MG100N2YS1					

Note : MOS FET: (M), IGBT: (S), MOS GATE DARLINGTON: (H), @: NON ISOLATED TYPE, §: UNDER DEVELOPMENT
: UL RECOGNIZED