

GTR Modules

Bipolar Darlington

CONNECTION			MAXIMUM RATING													
CIRCUIT	SYMBOL		V <sub>CE0</sub> (SUS) (V)	I <sub>c</sub> (A)												
	CKT	TYPE NOTE		10	15	20	25	30	50	75	100	150	200	300	400	
	A	L	450		MG15G1AL3						MG100G1AL3					
		L	550									MG200H1AL2				
	B	L	450					MG30G1BL3	MG50G1BL3	MG75G1BL1						
		K	1000*				MG25M1BK1		MG50M1BK1							
	F	L	450								MG100G1FL1					
			550									MG150H1FL1	MG200H1FL1	MG300H1FL1	MG400H1FL1	
		K	550													MG400H1FK1
			1000*											MG200M1FK1	MG300M1FK1	
	U	L	450											MG300G1UL1	MG400G1UL1	
			550											MG300H1UL1	MG400H1UL1	
	U	K	1000*											MG200M1UK1	MG300M1UK1	
			1200*											MG200Q1UK1	MG300Q1UK1	
			1400*										MG100S1UK1 (100A)			
	C	L	450					MG30G2CL3	MG50G2CL3	MG75G2CL1	MG100G2CL1					
			550							MG75H2CL1	MG100H2CL1	MG150H2CL1				
		K	550									MG100H2CK1		MG200H2CK1		
			1000*				MG25M2CK2		MG50M2CK2	MG75M2CK1	MG100M2CK1	MG150M2CK1				
			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)		MG65S2YK1 (60A)				
	D	L	450					MG30G2DL1	MG50G2DL1	MG75G2DL1	MG100G2DL1					
			550								MG75H2DL2	MG100H2DL2	MG150H2DL1			
	E	L	450	MG100G8EL2	MG150G8EL1	MG200G8EL1		MG30G6EL1	MG50G6EL1							
		K	1100*		MG15N8EK1		MG25N8EK1									
	G	L	450		MG15G4GL1	MG20G4GL1										
	J	L	450					MC30G1JL1	MC50G1JL1	MG75G1JL1	MG100G1JL1					



NOTE: (L):2-STAGE DARLINGTON, (K):3-STAGE DARLINGTON \$:UNDER DEVELOPMENT \*:V<sub>CE0</sub>(SUS) #:UL RECOGNIZED

MOS FET, MOS GATE DARLINGTON, IGBT

CONNECTION			MAXIMUM RATING															
SYMBOL CKT	TYPE NOTE	V <sub>DSS</sub> V <sub>CE(S)</sub> (V)	ID/IC (A)															
			8	10	15	25	30	50	75	100	150	200	300	400				
	A	M	150			2SK378 <sup>@</sup>												
			250		2SK708 <sup>@</sup>	2SK447 <sup>@</sup>												
			450	2SK568 <sup>@</sup>	2SK708 <sup>@</sup>	MG15G1AM1												
	G	M	250		MG10G4GM1	MG15D4GM1												
			450	MG8G4GM1	MG10G4GM1	MG15G4GM1 <sup>#</sup>												
	H	M	150			MG15C4HM1												
			250			MG15D4HM1												
	E	M	250	MG8D6EM1		MG15D6EM1 <sup>#</sup>												
			450	MG8G6EM1	MG10G6EM1	MG15G6EM1												
		500			MG15H6ES1 <sup>§</sup>													
	C	H	450						MG50G2CH1		MG100G2CH1							
	B	S	500			MG25H1BS1		MG50H1BS1		MG100H1BS1		MG200H1BS1 <sup>§</sup>						
			1000			MG15N1BS1	MG25N1BS1		MG50N1BS1									
	Y	M	250					MG30D2YM1	MG50D2YM1 <sup>§</sup>									
			450					MG30G2YM1	MG50G2YM1 <sup>§</sup>									
		500				MG25H2YS1		MG50H2YS1	MG75H2YS1 <sup>§</sup>	MG100H2YS1		MG200H2YS1						
		1000				MG15N2YS1	MG25N2YS1		MG50N2YS1	MG75N2YS1 <sup>§</sup>	MG100N2YS1							

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