

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		MG15G1AL3 [#]							MG100G1AL3					
			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)		MG85S2YK1 (80A)						
	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		MG15G4GL1	MG20G4GL1											
	J	L	450					MG30G1JL1	MG50G1JL1	MG75G1JL1	MG100G1JL1						

NOTE: (L):2-STAGE DARLINGTON, (K):3-STAGE DARLINGTON §:UNDER DEVELOPMENT *:V_{CE0}(SUS) #:UL RECOGNIZED

MOS FET, MOS GATE DARLINGTON, IGBT

CONNECTION		MAXIMUM RATING												
SYMBOL	V _{DSS} V _{CEs} (V)	ID/IC (A)												
		8	10	15	25	30	50	75	100	150	200	300	400	
	A	M	150		2SK578 [@]									
			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	MG100G2CH1					
	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