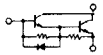
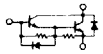
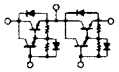
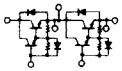
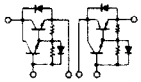
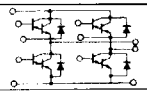
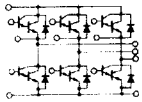
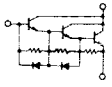
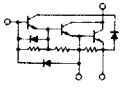
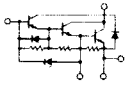
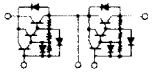
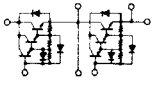
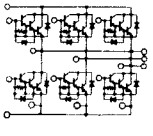
BIPOLAR DARLINGTON I (400~600V)

CONNECTION			MAXIMUM RATING										
CIRCUIT	SYMBOL	V_{CEO} (SUS) (V)	I_C (A)										
			10	15	20	30	50	75	100	150	200	300	400
	BL	450		2SD1314 #		MG30G1BL3	MG50G1BL3	MG75G1BL1	MG100G1AL3				
		550				MG30H1BL1							
	AL	450		MG15G1AL3			(V_{CBO}=900V) # MG60M1AL1	(V_{CBO}=900V) # MG75AM1AL1					
		550		MG15H1AL1							MG200H1AL2		
				S3885 #									
	FL	450							MG100G1FL1				
		550								MG150H1FL1	MG200H1FL1A	MG300H1FL1	MG400H1FL1
	FK												MG400H1FK1
	UL	500										MG300G1UL1	MG400G1UL1
												MG300H1UL1	MG400H1UL1
	CL	450				MG30G2CL3	MG50G2CL3	MG75G2CL1	MG100G2CL1				
		500-550						MG75H2CL1	MG100H2CL1	MG150H2CL1			
	CK	550							MG100H2CK1		MG200H2CK1		
	YL	450				MG30G2YL1	MG50G2YL1A	MG75G2YL1A	MG100G2YL1	MG150G2YL1			
		500-550						MG75H2YL1A	MG100H2YL1	MG150H2YL1			
	DL	450				MG30G2DL1	MG50G2DL1	MG75G2DL1	MG100G2DL1	MG150G2DL1			
		500-550						MG75H2DL2	MG100H2DL2	MG150H2DL1			
	GL	450		MG15G4GL1	MG20G4GL1								
	EL	400		MP6501	MP6502 *								
			MG10G6EL1	MG15G6EL2	MG20G6EL2								
		450	MP6503	MP6504 *		MG30G6EL2							
			MG10G6EL2	MG15G6EL1	MG20G6EL1	MG30G6EL1	MG50G6EL1	MG75G6EL1					
						MG30G6EL9	MG50G6EL9	MG75G6EL9					
		500		MG15H6EL1				MG75H6EL1					
							(600V) MG50J6EL1	* MG75H6EL9					

: NON ISOLATFR TYPE TO-3PL * : UNDER DEVELOPMENT

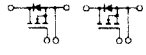
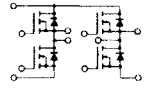
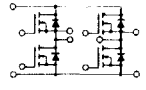
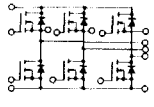
Datasheet Directory

BIPOLAR DARLINGTON II (1000~1400V)

CONNECTION			MAXMUM RATING									
CIRCUIT	SYMBOL	V_{CEX} (SUS) (V)	I_C (A)									
			10	15	20	25	50	75	100	150	200	300
	BK	1000				MG25M1BK1	MG50M1BK1	MG75M1BK1				
						MG30M1BN1 (SINGLE)						
	FK	1000									MG200M1FK1	MG300M1FK1
	UK										MG200M1UK1	MG300M1UK1
												MG300M1UK2
		1200									MG200Q1UK1	MG300Q1UK1
		1400								MG160S1UK1 (160A)		
	CK	1000				MG25M2CK2	MG50M2CK2	MG75M2CK1	MG100M2CK1	MG150M2CK1		
		1100				MG25N2CK1	MG50N2CK1					
	YK	1000				MG25M2YK1	MG50M2YK1	MG75M2YK1	MG100M2YK1	MG150M2YK1		
						MG25M2YK9	MG50M2YK9			MG150M2YK2		
		1100		MG15N2YK1		MG25N2YK1	MG50N2YK1					
		1200					MG50Q2YK1	MG75Q2YK1	MG100Q2YK1	MG150Q2YK1		
		1400				MG40S2YK1 (40A)		MG80S2YK1 (80A)				
	EK	1000	MG10M6EK1*		MG20M6EK1*							
		1100		MG15N6EK1		MG25N6EK1						
		1200	MG10Q6EK1		MG20Q6EK1							

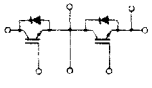
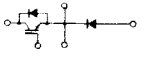
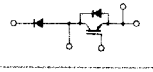
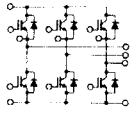
* : UNDER DEVELOPMENT

MOS FET MODULE MATRIX

CONNECTION			MAXIMUM RATING							
CIRCUIT	SYMBOL	V_{DSS} (V)	I_C (A)							
			8	10	15	25	30	50	75	100
	AM	150			2SK578 #					
		250			2SK447 #					
		450	2SK568 #		MG15G1AM1					
		500	S2A86 # *	2SK1029 #	2SK1333 # *					
	ZM	250					MG30D1ZM1			
	YM	250					MG30D2YM1	MG50D2YM1		
		450					MG30G2YM1	MG50G2YM1		
		500					MG30H2YM1 *	MG50H2YM1 *		
	DM	250					MG30D2DM1	MG50D2DM1		
		450					MG30G2DM1	MG50G2DM1		
		500					MG30H2DM1 *	MG50H2DM1 *		
	HM	150			MG15C4HM1					
		250			MG15D4HM1					
	GM	250			MG15D4GM1					
		450	MG8G4GM1		MG15G4GM1					
		500		MG10H4GM1	MG15H4GM1 *					
	EM	250	MG8D6EM1		MG15D6EM1					
					MP6702					
		450	MG8G6EM1		MG15G6EM1					
		500	MG8H6EM1 *	MG10H6EM1	MG15H6EM1 *	MG25H6EM1 *				
			MP6703 *	MP6704 *						

: NON ISOLATED TYPE * : UNDER DEVELOPMENT

IGBT MODULE MATRIX

CONNECTION			MAXIMUM RATING									
CIRCUIT	SYMBOL	V_{CES} (V)	I_C (A)									
			8	15	25	50	75	100	150	200	300	400
	BS	500		GT15H101 # MG15H1BS1	GT25H101 # MG25H1BS1	(400V) GT50G102 # MG50H1BS1	MG75H1BS1					
		600	GT8J101 *	GT15J101	GT25J101	GT50J101 *						
		1000	GT8N101 #	GT15N101 # MG15N1BS1	MG25N1BS1	MG50N1BS1	(900V/60A) GT60M101 # MG75N1BS1					
		1200	GT8Q101 *	GT15Q101 *	GT25Q101 *							
	US	500									MG300H1US1	MG400H1US1
		600									MG300J1US1	MG400J1US1
		1000								MG200N1US1	MG300N1US1	
		1200								MG200Q1US1	MG300Q1US1	MG400Q1US1 *
	YS	500			MG25H2YS1	MG50H2YS1	MG75H2YS1	MG100G2YS1 MG100H2YS1	MG150H2YS1	MG200H2YS1		
		600			MG25J2YS1	MG50J2YS1	MG75J2YS1	MG100J2YS1	MG150J2YS1	MG200J2YS1	MG300J2YS1	
		1000		MG15N2YS1	MG25N2YS9 MG25N2YS1	MG50N2YS9 MG50N2YS1	MG75N2YS1	MG100N2YS3 MG100N2YS1	MG150N2YS1			
		1200		MG15Q2YS1 *	MG25Q2YS1 *	MG50Q2YS1	MG75Q2YS1	MG100Q2YS1	MG150Q2YS1	MG200Q2YS1 *		
		1400			MG25S2YS1 *							
	JS	1000			MG25N1JS1			MG100N1JS1 *				
	ZS	500				MG50H1ZS1	MG75H1ZS1	MG100H2ZS1				
		1000			MG25N1ZS1			MG100N1ZS1 *				
	ES	500		MG15H6ES1								
		600	MG8J6ES1 *	MG15J6ES1	MG25J6ES1 *	MG50J6ES1 *	MG75J6ES1 *	MG100J6ES1 *				
		1000	MG8N6ES1	MG15N6ES1								
		1200	MG8Q6ES1 *	MG15Q6ES1 *	MG25Q6ES1 *	MG50Q6ES1 *						

: NON ISOLATED TYPE TO-3P * : UNDER DEVELOPMENT

QUICK REFERENCE

●BIPOLAR DARLINGTON

TYPE NO	$V_{CEO(SUS)}$ $V_{CEX(SUS)}$# (V)	I_C (A)	h_{FE} (MIN.)			SW TIME (MAX.)			PACKAGE NO	PAGE
				V_{CE} (V)	I_C (A)	ton (μs)	tstg (μs)	tf (μs)		
MG10G6EL1	400	±10×6	100	5	10	1	12	2	㉗	—
MG10G6EL2	450	±10×6	100	5	10	1	12	2	㉗	34
MG15G1AL3	450	±15	100	5	10	1	12	2	①	—
MG15G4GL1	450	±15×4	100	5	10	1	12	2	㉕	—
MG15G6EL1	450	±16×6	100	5	10	1	12	2	㉗	38
MG15H1AL1	550	±15	100	5	15	1	12	2	③	—
MG15H6EL1	500	±15×6	100	5	10	1	12	2	㉗	—
MG20G4GL1	450	±20×4	100	5	20	1	12	2	㉕	—
MG20G6EL1	450	±20×6	100	5	20	1	12	2	㉗	42
MG30G1BL3	450	30	100	5	30	1	12	2	⑥	—
MG30G1BL4	450	30	100	5	30	1	12	2	③	—
MG30G1JL1	450	30	100	5	30	1	12	2	⑮	—
MG30G2CL3	450	±30×2	100	5	30	1	12	2	⑮	—
MG30G2DL1	450	±30×2	100	5	30	1	12	2	㉓	—
MG30G2YL1	450	±30×2	100	5	30	1	12	2	⑱	46
MG30G6EL1	450	±30×6	100	5	30	1	12	2	㉚	50
MG30G6EL2	450	±30×6	100	5	30	1	12	3	㉙	54
MG30G6EL9	450	±30×6	100	5	30	1	12	3	㉞	58
MG30H1BL1	550	30	100	5	30	1	13	1	③	—
MG50G1BL3	450	50	100	5	50	1	12	2	⑥	—
MG50G1JL1	450	50	100	5	50	1	12	2	⑮	—
MG50G2CL3	450	±50×2	100	5	50	1	12	2	⑮	—
MG50G2DL1	450	±50×2	100	5	50	1	12	2	㉓	—
MG50G2YL1A	450	±50×2	100	5	50	1	12	2	⑱	62
MG50G6EL1	450	±50×6	100	5	50	1	12	2	㉚	66
MG50G6EL9	450	±50×6	100	5	50	1	12	2	㉞	70
MG50J6EL1	600	±50×6	80	5	50	2	14	4	㉞	74
MG75G1JL1	450	75	100	5	70	2	12	2	⑮	—
MG75G2CL1	450	±75×2	80	5	70	2	12	2	⑮	—
MG75G2DL1	450	±75×2	80	5	70	2	12	2	㉓	—
MG75G2YL1A	450	±75×2	80	5	70	2	12	2	⑱	76
MG75G6EL1	450	±75×6	80	5	70	2	12	2	㉚	80
MG75G6EL9	450	±75×6	80	5	75	2	12	3	㉞	84
MG75H2CL1	500	±75×2	80	5	70	2	12	4	⑮	—
MG75H2DL2	500	±75×2	80	5	70	2	12	4	㉓	—
MG75H2YL1A	500	±75×2	80	5	70	2	12	4	⑱	88
MG75H6EL1	500	±75×6	80	5	70	2	12	4	㉚	92

●BIPOLAR DARLINGTON

TYPE NO	$V_{CEO(SUS)}$ $V_{CEX(SUS)}$# (V)	I_C (A)	h_{FE} (MIN.)			SW TIME (MAX.)			PACKAGE NO	PAGE
				V_{CE} (V)	I_C (A)	ton (μs)	tstg (μs)	tf (μs)		
MG100G1AL3	450	±100	100	5	100	2	12	2	④	96
MG100G1FL1	450	±100	100	5	100	2	12	2	⑪	—
MG100G1JL1	450	100	100	5	100	2	12	2	⑮	—
MG100G2CL1	450	±100×2	100	5	100	2	12	2	⑮	—
MG100G2DL1	450	±100×2	100	5	100	2	12	2	㉔	—
MG100G2YL1	450	±100×2	100	5	100	2	12	2	㉑－A	100
MG100H2CL1	550	±100×2	80	5	100	2	12	4	⑮	—
MG100H2CK1	550	±100×2	200	5	100	2	12	5	⑯	—
MG100H2DL2	550	±100×2	80	5	100	2	12	4	㉔	—
MG100H2YL1	550	±100×2	80	5	100	2	12	4	㉑－A	104
MG150H1FL1	550	±150	80	5	150	2	12	4	⑪	—
MG150G2YL1	450	±150	80	5	150	2	12	2	㉑－A	108
MG150G2DL1	450	±150×2	80	5	150	2	12	2	㉔	—
MG150H2CL1	550	±150×2	80	5	150	2	12	4	⑬	—
MG150H2DL1	550	±150×2	80	5	150	2	12	4	㉔	—
MG150H2YL1	550	±150×2	80	5	150	2	12	4	㉑－A	112
MG200H1AL2	550	±200	80	5	200	2	12	4	④	116
MG200H1FL1A	550	±200	80	5	200	2	12	4	⑫	120
MG200H2CK1	550	±200×2	200	5	200	2	12	5	⑬	—
MG300G1UL1	450	±300	80	5	300	2	12	2	⑨－A	124
MG300H1FL1	550	±300	80	5	300	2	12	4	⑩	—
MG300H1UL1	550	±300	80	5	300	2	12	4	⑨－A	128
MG400G1UL1	450	±400	100	5	400	2	12	2	⑨－A	132
MG400H1FL1	550	±400	80	5	400	4	12	4	⑩	—
MG400H1FK1	550	±400	200	5	400	2	12	5	⑩	—
MG400H1UL1	550	±400	80	5	400	2	12	4	⑨－A	136
MG15N2CK1	1100#	±15×2	100	5	15	2	11	6	⑭	—
MG15N2YK1	1100#	±15×2	100	5	15	2	11	6	⑱	—
MG15N6EK1	1100#	±15×6	100	5	15	2	11	6	㉛	212
MG25M1BK1	1000#	±25	100	5	25	2	20	5	⑧	160
MG25M2CK2	1000#	±25×2	100	5	25	2	15	5	⑭	—
MG25M2YK1	1000#	±25×2	100	5	25	2	15	5	⑱	164
MG25M2YK9	1000#	±25×2	100	5	25	2	15	5	⑲	168
MG25N2CK1	1100#	±25×2	100	5	25	2	14	6	⑭	—
MG25N2YK1	1100#	±25×2	100	5	25	2	14	6	⑱	—
MG25N6EK1	1100#	±25×6	100	5	25	2	14	6	㉛	216
MG50M1BK1	1000#	±50	100	5	50	2	20	5	⑧	180

●BIPOLAR DARLINGTON

TYPE NO	$V_{CEO(SUS)}$ $V_{CEX(SUS)}$ # (V)	I_C (A)	h_{FE} (MIN.)			SW TIME (MAX.)			PACKAGE NO	PAGE
				V_{CE} (V)	I_C (A)	ton (μs)	tstg (μs)	tf (μs)		
MG50M2CK2	1000 #	±50×2	100	5	50	2	15	5	⑭	—
MG50N2YK1	1000 #	±50×2	100	5	50	2	15	5	⑱	—
MG50M2YK9	1000 #	±50×2	100	5	50	2	15	5	⑲	176
MG50N2CK1	1100 #	±50×2	100	5	50	2	15	5	⑭	—
MG60M1AL1	900V_{CBO}	±60	100	5	60	3.5	5	1.0	②	146
MG75M1AL1	900V_{CBO}	±75	100	5	75	3.5	5	1.0	②	150
MG75M1BK1	1000 #	75	100	5	75	2	15	5	⑯	180
MG75M2CK1	1000 #	±75×2	100	5	75	2	15	5	⑯	—
MG75M2YK1	1000 #	±75×2	100	5	75	2	15	5	⑰	—
MG100M2CK1	1000 #	±100×2	100	5	100	2	15	5	⑬	—
MG100M2YK1	1000 #	±100×2	100	5	100	2	15	5	⑳－A	184
MG150M2CK1	1000 #	±150×2	100	5	150	2	15	5	⑬	—
MG150M2YK1	1000 #	±150×2	100	5	150	2	15	5	⑳－A	192
MG150M2YK2	1000 #	±150×2	80	5	150	2	15	3	⑳－A	196
MG200M1FK1	1000 #	±200	100	5	200	2	15	5	⑩	—
MG200M1UK1	1000 #	±200	100	5	200	2	15	5	⑨－A	200
MG300M1FK1	1000 #	±300	100	5	300	2	15	5	⑩	—
MG300M1UK1	1000 #	±300	100	5	300	2	15	5	⑨－A	204
MG300M1UK2	1000 #	±300	80	5	300	2	15	3	⑨－A	208
MG10Q6EK1	1200 #	±10×6	100	5	10	2	14	6	㉘	220
MG20Q6EK1	1200 #	±20×6	100	5	20	2	14	6	㉘	224
MG50Q2YK1	1200 #	±50×2	100	5	50	2	13	4	⑱	228
MG75Q2YK1	1200 #	±75×2	100	5	75	2	12	5	⑰	232
MG100Q2YK1	1200 #	±100×2	100	5	100	2	13	4	⑳－A	236
MG150Q2YK1	1200 #	±150×2	100	5	150	2	12	5	⑳－A	240
MG200Q1UK1	1200 #	±200	100	5	200	2	13	4	⑨－A	244
MG300Q1UK1	1200 #	±300	100	5	300	2	12	5	⑨－A	248
MG40S2YK1	1400 #	±40×2	100	5	40	2	17	3	⑰	252
MG80S2YK1	1400 #	±40×2	100	5	80	2	17	3	⑳－A	256
MG160S1UK1	1400 #	±160	100	5	160	2	16	3	⑨－A	260
2SD1314	450	15	100	5	15	2	12	3	⑤	—
S3885	550	±15	100	5	15	1	12	2	⑤	—
MP6501	400	±15×6	100	5	15	1	10	3	㉜	—
MP6502	400	±20×6	100	5	20	1	10	3	㉜	—
MP6503	450	±10×6	100	5	10	1	12	2	㉜	140
MP6504	450	±15×6	100	5	15	1	12	2	㉜	144
MG30TIALI	1500V_{CBO}	±30	50	5	30	1	5	0.8	②	154

● MOS FET

TYPE NO	V_{DSS} (V)	I_D (A)	R_{DS} ON (Ω) (MAX.)	R_{DS} ON (Ω) I_D	SW TIME (MAX.) ton (μs)	SW TIME (MAX.) toff (μs)	SW TIME (MAX.) tf (μs)	PACKAGE NO	PAGE
MG15C4HM1	150	±15×4	0.22	15	0.5	0.6	0.2	㉖	266
MG15D4GM1	250	±15×4	0.24	15	0.7	1	0.4	㉕	—
MG15D4HM1	250	±15×4	0.24	15	0.7	1	0.4	㉖	—
MG15D6EM1	250	±15×6	0.24	15	0.7	1	0.4	㉗	270
MG30D1ZM1	250	±30	0.125	30	0.9	1.2	0.3	⑱	—
MG30D2DM1	250	±30×2	0.125	30	0.9	1.2	0.3	㉒	274
MG30D2YM1	250	±30×2	0.125	30	0.9	1.2	0.3	⑱	—
MG50D2DM1	250	±50×2	0.085	50	0.9	1.3	0.3	㉒	279
MG50D2YM1	250	±50×2	0.085	50	0.9	1.3	0.3	⑱	—
MG8G4GM1	450	±8×4	0.75	8	0.5	1	0.25	㉕	—
MG8G6EM1	450	±8×6	0.75	8	0.5	1	0.25	㉗	284
MG8H6EM1	500	±8×6	0.75	8	1.0	0.7	0.25	㉗	—
MG10H4GM1	500	±10×4	0.5	10	0.7	0.8	0.2	㉕	—
MG10H6EM1	500	±10×6	0.5	10	0.7	0.8	0.2	㉗	289
MG15G4GM1	450	±15×4	0.4	15	0.6	2	0.5	㉕	—
MG15G6EM1	450	±15×6	0.4	15	0.6	2	0.5	㉗	294
MG15H4GM1	500	±15×4	0.4	15	1.0	0.7	0.25	㉕	299
MG15H6EM1	500	±15×6	0.4	15	1.0	0.7	0.25	㉗	299
2SK1513	500	±8	0.75	8	0.9	0.8	0.2	⑤	—
MG30G2DM1	450	±30×2	0.205	30	0.7	1.3	0.2	㉒	—
MG30G2YM1	450	±30×2	0.205	30	0.7	1.3	0.2	⑱	309
MG30H2DM1	500	±30×2	0.2	30	1.0	0.7	0.25	㉒	314
MG30H2YM1	500	±30×2	0.2	30	1.0	0.7	0.25	⑱	314
MG50G2DM1	450	±50×2	0.14	50	0.7	1.3	0.2	㉒	—
MG50G2YM1	450	±50×2	0.14	50	0.7	1.3	0.2	⑰	319
MG50H2DM1	500	±50×2	0.13	50	1.0	0.7	0.25	㉒	324
MG50H2YM1	500	±50×2	0.13	50	1.0	0.7	0.25	⑰	324
2SK578	150	±15	0.22	15	0.5	0.5	0.2	⑤	—
2SK447	250	±15	0.24	15	0.7	1.0	0.4	⑤	—
2SK568	450	±8	0.75	8	0.5	1.0	0.25	⑤	—
MG25H6EMI	500	±25×6	0.24	25	1.0	0.7	0.25	㉙	304
2SK1029	500	±10	0.5	10	0.9	0.8	0.2	⑤	—
2SK1333	500	±15	0.4	15	1.0	0.7	0.25	⑤	—
MP6101	250	±10	0.35	5	0.19	0.54	0.16	㉝	—
MP6702	250	±15×6	0.266	15	0.8	0.8	0.2	㉜	329
MP6703	500	±8×6	0.75	8	0.9	0.8	0.2	㉜	334
MP6704	500	±10×6	0.5	10	0.9	0.8	0.2	㉜	339

●IGBT

TYPE NO	V_{CES} (V)	I_C (A)	V_{CE}(set) (V) (MAX.)	I_C (A)	SW TIME (MAX.) ton (μs)	toff (μs)	tf (μs)	PACKAGE NO	PAGE
MG15H1BS1	500	15	5	15	1	1.5	1	①	—
MG15H6ES1	500	±15×6	5	15	1	1.5	1	㉗	346
MG25H1BS1	500	25	5	25	1	1.5	1	⑥	—
MG25H2YS1	500	25	5	25	1	1.5	1	⑱	351
MG50H1BS1	500	50	5	50	1	1.5	1	⑥	—
MG50H1ZS1	500	±50	5	50	1	1.5	1	⑱	356
MG50H2YS1	500	±50×2	5	50	1	1.5	1	⑱	361
MG75H1BS1	500	75	5	75	1.5	1.5	1	⑥	—
MG75H1ZS1	500	±75	5	75	1.5	1.5	1	⑱	—
MG75H2YS1	500	±75×2	5	75	1.5	1.5	1	⑱	366
MG100G2YS1	450	±100×2	5	100	1.5	1.5	1	⑱	—
MG100H1BS1	500	100	5	100	1.5	1.5	1	⑥	—
MG100H2YS1	500	±100×2	5	100	1.5	1.5	1	⑱	371
MG100H2ZS1	500	100×2	5	100	1.5	1.5	1	⑱	—
MG150H2YS1	500	±150×2	5	150	1.5	1.5	1	㉑－B	376
MG200H2YS1	500	±200×2	5	200	1.5	1.5	1	㉑－B	381
MG300H1US1	500	±300	5	300	1.5	1.7	1	⑨－B	386
MG400H1US1	500	±400	5	400	1.5	1.7	1	⑨－B	391
MG8N6ES1	1000	±8×6	5	8	1	1.4	1	㉘	460
MG15N1BS1	1000	15	5	15	1	2	1	⑧	—
MG15N2YS1	1000	±15×2	5	15	1	2	1	⑱	470
MG15N6ES1	1000	±15×6	5	15	1	2	1	㉘	465
MG25N1BS1	1000	25	5	25	1	2	1	⑧	—
MG25N1JS1	1000	±25	5	25	1	2	1	⑱	475
MG25N1ZS1	1000	±25	5	25	1	2	1	⑱	480
MG25N2YS1	1000	±25×2	5	25	1	2	1	⑱	485
MG25N2YS9	1000	±25×2	5	25	1	2	1	⑲	490
MG50N1BS1	1000	50	5	50	1	1.5	1	⑧	—
MG50N2YS1	1000	±50×2	5	50	1	1.5	1	⑱	495
MG50N2YS9	1000	±50×2	5	50	1	1.5	1	⑲	500
MG75N1AS1	1000	±75	5	75	1	1.5	0.7	⑧	510
MG75N1BS1	1000	75	5	75	1	2	1	⑧	—
MG75N2YS1	1000	±75×2	5	75	1	2	1	⑰	505
MG100N2YS1	1000	±100×2	5	100	1	2	1	⑳－B	515
MG100N2YS3	1000	±100×2	5	100	1	2	1	⑳－B	—
MG150N2YS1	1000	±150×2	5	150	1.5	2	1	⑳－B	520
MG200N1US1	1000	±200	5	200	1.5	2	1	⑨－B	525
MG300N1US1	1000	±300	5	300	1.5	2	1	⑨－B	530

● IGBT

TYPE NO	V_{CES} (V)	Ic (A)	V_{CE}(set) (V)		SW TIME (MAX.)			PACKAGE NO *	PAGE
			(MAX.)	Ic (A)	ton (μs)	toff (μs)	tf (μs)		
MG15Q2YS9	1200	±15×2	4	15	0.8	1.5	0.5		—
MG15Q6ES1	1200	±15×6	4	15	0.8	1.5	0.5	㉘	—
MG25Q2YS9	1200	±25×2	4	25	0.8	1.5	0.5	⑱	535
MG25Q6ES1	1200	±25×6	4	25	0.8	1.5	0.5	㉛	—
MG50Q2YS9	1200	±50×2	4	50	0.8	1.5	0.5	⑱	537
MG50Q6ES1	1200	±50×6	4	50	0.8	1.5	0.5	㉛	—
MG75Q2YS1	1200	±75×2	4	75	0.8	1.5	0.5	⑰	542
MG100Q2YS1	1200	±100×2	4	100	0.8	1.5	0.5	⑳－B	547
MG150Q3US1	1200	±150×2	4	150	0.8	1.5	0.5	⑳－B	—
MG200Q1US1	1200	±200	4	200	0.8	1.5	0.5	⑨－B	557
MG300Q1US1	1200	±300	4	300	0.8	1.5	0.5	⑨－B	562
MG25S2YS1	1400	±25	5	25	1	2	1	⑰	—
GT8J101	600	8	4	8	0.6	1.0	0.35		—
GT15H101	500	15	5	15	0.6	1.0	1.0	⑦	568
GT15J101	600	15	4	15	0.6	1.0	0.35	⑦	571
GT15J102	600	15	4	15	0.6	1.0	0.35		—
GT25H101	500	25	5	25	0.7	1.2	1.0	⑦	574
GT25J101	600	25	4	25	0.6	1.0	0.35	⑦	577
GT50G102	400	50	4	50	1.0	3.5	3.0	⑦	580
GT8N101	1000	8	5	8	0.6	1.3	1.0	⑦	583
GT15N101	1000	15	5	15	0.6	1.3	1.0	⑦	586
GT50L101	800	50	4	50	1.0	1.5	0.7	⑤	—
GT60M101	900	60	4	60	1.0	1.5	0.7	⑤	589
GT50S101	1400	50	8	50	1.0	1.3	0.5	②	592