








3 Discrete IGBT Product Lineup

Applications and Features	Breakdown Voltage V_{CES} (V) @ $T_a = 25^\circ\text{C}$	IGBT Current Rating I_c (A) @ $T_a = 25^\circ\text{C}$		TSON-8	SOP-8	TO-220SIS	TO-220SM(MXN)	TO-3P(N)	TO-3P(N)IS	TO-3P(LH)	
		DC	Pulse								
General-purpose motors General-purpose inverters Hard switching fc: up to 20 kHz	600	10	20					GT10J301			
		20	40					GT20J301 GT20J101			
		30	60					GT30J301 GT30J101			
	High ruggedness Series	1200	50	100							GT50J102
			10	20					GT10Q301 GT10Q101		
			15	30					GT15Q301 GT15Q102		
General-purpose inverters Fast switching Hard switching fc: up to 50 kHz	600	30	60					GT30J324 GT30J121	GT30J126		
		50	100							GT50J325 GT50J121	
Resonant switching Soft switching	600	30	100						GT30J322		
		37	100						GT35J321		
		40	100					GT40J321 GT40J322 GT40J323	GT40J325		
		50	100					GT50J327 GT50J341			GT50J322 GT50J322H
			120					GT50J328			
		60	120								GT60J321 GT60J323 GT60J323H
	Soft-Switching Series	900	15	30						GT15M321	
			35	100						GT35MR21	
			50	100					GT50MR21		
		1000	50	120					GT60M322 GT60M324		
			60	120					GT50N322A GT50N324		
			60	120							GT60N321
		1050	50	100					GT50NR21		
		1200	40	80					GT40QR21		
		1500	40	80					GT40T321		
PFC	600	30	100					GT30J122A	GT30J122		
		40	100						GT40J121		
Strobe flashes	400	130		GT5G133							
		150		GT8G151	GT8G132						
		200			GT10G131						
Plasma display panels	300		200			GT30F124 GT45F127					
	330		200			GT30F125 GT45F128					
	360		200				GT30F131				
	430		200			GT30G124 GT30G125 GT45G127 GT45G128					
	600		200			GT30J124					

 : New product

4 Part Numbering Scheme

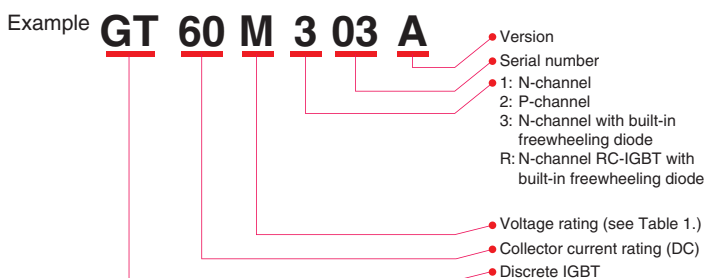


Table 1

Letter	Voltage (V)	Letter	Voltage (V)	Letter	Voltage (V)
C	150	J	600	Q	1200
D	200	K	700	R	1300
E	250	L	800	S	1400
F	300	M	900	T	1500
G	400	N	1000	U	1600
H	500	P	1100	V	1700