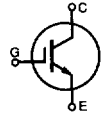











# Discrete IGBTs

Ultra High Speed  
IGBTs = Suffix C



## G series

V <sub>CE(S)</sub> min V	I <sub>C(25)</sub> A	V <sub>CE(SAT)</sub> max V	t <sub>n</sub> typ ns	New					
				TO-220 (P)  TO-263 (A) 	PLUS247™ (X)  TO-247 (H) 	TO-268 (T)  TO-204 (M) 	ISOPLUS247™ (R)  TO-264 (K) 	SOT-227B (N) 	
<b>LOW SATURATION VOLTAGE TYPES</b>									
300	40	2.5	360	IXGP20N30	IXGH28N30	IXGT28N30B			
	40	1.8	180						
300	60	1.6	180		IXGH30N30				
	60	1.8	230		IXGH40N30				
600	40	2.0	200		IXGH28N60B	IXGT28N60B			
	60	1.7	400		IXGH31N60	IXGT31N60			
	75	1.8	500		IXGH38N60	IXGT39N60B			
	75	1.7	200		IXGH39N60B				
	75*	1.6	450		IXGH41N60				
	75*	1.7	500		IXGH60N60	IXGT60N60	IXGK60N60		
	100	1.7	500					IXGN60N60	
200	2.5	350					IXGN200N60		
1000	4	3.0	400	IXGP2N100					
	16	2.7	390	IXGA8N100					
	16	2.7	390	IXGP8N100					
	20	3.5	1000	IXGA12N100	IXGH12N100	IXGT20N100			
	20	3.5	1000	IXGP12N100					
	34	3.5	750		IXGH17N100	IXGM17N100			
	40	3.0	300	▶ IXGA20N100	▶ IXGH20N100	▶ IXGT20N100			
40	3.0	300	▶ IXGP20N100						
50	3.5	500		IXGH25N100	IXGM25N100				
1200	40	2.5	360	▶ IXGA20N120	▶ IXGH20N120	▶ IXGT20N120			
	40	2.5	360	▶ IXGP20N120					
	50	3.5	1200		IXGH25N120				
	75*	2.5	390		IXGH45N120	▶ IXGT45N120	▶ IXGR45N120		
<b>HIGH SPEED TYPES</b>									
300	56	3.0	120		IXGH28N30A	IXGT28N30A			
	56	2.1	55		IXGH28N30B	IXGT28N30B			
	60	2.1	120		IXGH40N30A				
	60	2.4	75		IXGH40N30B				
600	14	1.8	150	IXGA7N60B					
	14	1.8	150	IXGP7N60B					
	14	2.5	45	IXGA7N60C					
	14	2.5	45	IXGP7N60C					
	20	2.7	55	IXGA12N60C	IXGH12N60C				
	20	2.7	55	IXGP12N60C					
	24	2.1	120		IXGH12N60B				
	40	2.0	100	IXGA20N60B	IXGH20N60B	IXGT20N60B			
	40	2.0	100	IXGP20N60B					
	40	3.0	200		IXGH20N60A	IXGM20N60A			
	48	2.5	80		IXGH24N60B	IXGT24N60C	IXGR24N60B		
	48	2.5	60		IXGH24N60C		IXGR24N60C		
	60	1.8	130		IXGH30N60B				
60	2.9	125		IXGH32N60A					
60	2.3	80		IXGH32N60B					
60	2.5	55		IXGH32N60C		▶ IXGR32N60C			
75	2.7	275		IXGH50N60A	IXGT50N60B	▶ IXGR50N60B	IXGN50N60B		
75	2.5	150		IXGH50N60B					