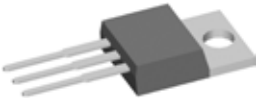
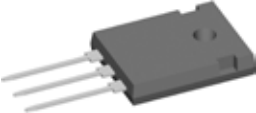
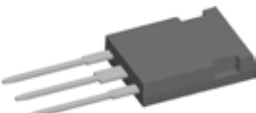
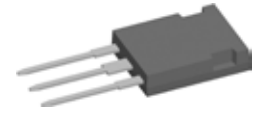

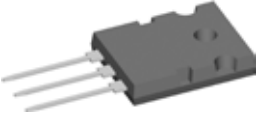
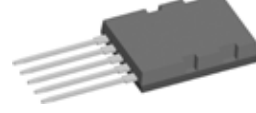
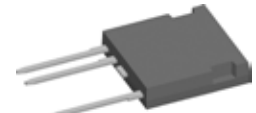



Type	V _{CES}	I _{C25} T _C = 25°C	I _{C90} T _C = 90°C	V _{CE(sat)} typ T _C = 25°C	Gate drive	t _f typ T _C = 125°C	R _{thJC} max.	Fig. No.	Package style
➤ New	V	A	A	V	V	ns	K/W		Outline drawings on pages O-29...O-51
1600 V Low V_{CE(sat)}									
IXBP 5N160G	1600	5.7	3.5	4.9	10	70	1.85	X005a	X005a TO-220AB
IXBH 5N160G		5.7	3.5	4.9	10	70	1.85	X014a	
IXBF 9N160G		7.0	5	4.9	10	70	1.75	X024c	
IXBH 9N160G		9.0	5	4.9	10	70	1.25	X014a	
IXBF 40N160		28	16	6.2	15	40	0.50	X024c	
IXBH 40N160		33	20	6.2	15	40	0.35	X014a	X014a TO-247AD
1700 V High Speed									
IXBH 16N170A	1700	16	10	4.7	15	50	0.83	X014a	
IXBT 16N170A		16	10	4.7	15	50	0.83	X019	
IXBH 28N170A		30	14	6.0	15	50	0.42	X014a	
IXBT 28N170A		30	14	6.0	15	50	0.42	X019	
IXBH 42N170A		42	21	6.0	15	50	0.35	X014a	X015 PLUS247
IXBT 42N170A		42	21	6.0	15	na	0.35	X019	
➤ IXBN 42T170A		42	21	6.0	15	50	0.35	X019	
➤ IXBN 42N170A		42	21	6.0	15	50	0.40	X027a	
➤ IXBN 75N170A		75	42	6.0	*	*	0.20	X027a	
➤ IXBK 75N170A		110	65	6.0	*	*	0.12	X020a	
➤ IXBX 75N170A		110	65	6.0	*	*	0.12	X015	X016a ISOPLUS247™
1700 V Low V_{CE(sat)}									
IXBH 6N170	1700	10	6	3.4	15	600	1.65	X014a	
IXBT 6N170		10	6	3.4	15	690	1.65	X019	
IXBH 10N170		16	10	2.3	15	1200	1.25	X014a	X019 TO-268AA
IXBT 10N170		16	10	2.3	15	1200	1.25	X019	
IXBH 16N170		40	16	3.3	15	705	0.50	X014a	
IXBT 16N170		40	16	3.3	15	705	0.50	X019	
IXBH 24N170		60	24	2.5	15	750	0.50	X014a	
IXBT 24N170		60	24	2.5	15	750	0.50	X019	
IXBH 42N170		80	42	2.8	15	740	0.35	X014a	X020a TO-264
IXBT 42N170		80	42	2.8	15	740	0.35	X019	
➤ IXBR 42N170		57	32	2.9	*	740	0.62	X016a	
➤ IXBN 75N170		14	*	3.1	*	440	0.20	X027a	
➤ IXBK 75N170		200	*	3.1	*	*	0.12	X020a	
➤ IXBX 75N170		200	*	3.1	*	*	0.12	X015	
2500 V									
➤ IXBH 2N250	2500	5	*	3.5	15	182	3.90	X014a	X022c ISOPLUS264™
➤ IXBT 2N250		5	*	3.5	15	182	3.90	X019	
➤ IXBL 64N250		116	*	3.0	*	170	0.25	X022c	
IXBK 64N250		156	*	3.0	*	170	0.17	X020a	
IXBX 64N250		156	*	3.0	*	170	0.17	X015	
3000 V									
➤ IXBF 12N300	3000	22	12	3.2	15	540	1.25	X024c	X024c ISOPLUS i4-PAC™
➤ IXBF 20N300		2	15	3.2	15	504	1.13	X024c	
➤ IXBH 12N300		30	*	3.2	15	530	0.78	X014a	
➤ IXBT 12N300		30	*	3.2	15	540	0.78	X019	
➤ IXBF 32N300		40	22	3.2	15	630	0.78	X024c	
➤ IXBH 20N300		50	*	3.2	15	504	0.50	X014a	
➤ IXBT 20N300		50	*	3.2	15	504	0.50	X019	
➤ IXBF 55N300		73	*	3.2	15	268	0.43	X024c	
➤ IXBH 32N300		80	*	3.2	15	720	0.31	X014a	
➤ IXBT 32N300		80	*	3.2	15	720	0.31	X019	
➤ IXBK 55N300		130	*	3.2	*	268	0.20	X020a	
➤ IXBX 55N300		130	*	3.2	*	268	0.20	X015	

* under progress