



Part Type	V _{CES}	I _C T _C = 25°C	I _C T _C = 110°C	V _{CE(sat)} T _C = 25°C	t _{fi} typ T _J = 25°C	E _{off} typ T _J = 125°C	R _{thJC}	Diode	R _{thJC} Diode	P _C	Fig. No.	Package Style
➤ New	V	A	A	V	ns	mJ	K/W		K/W	W		Outline drawings on pages O-29...O-51
IXGH 56N60A3	600	150	56	1.35	315	6.75	0.375	-	-	330	X014a	X005a TO-220AB
IXGL 200N60B3		150	90	1.5	183	4.2	0.31	-	-	400	X022a	
IXGN 72N60A3		160	68	1.35	250	6.5	0.35	-	-	360	X027a	
IXGH 36N60B3D1		200	36	1.8	100	1.5	0.5	•	0.9	250	X014a	X011b TO-263AB
IXGH 36N60B3D4		200	36	1.8	100	1.5	0.5	•	2.5	250	X014a	
IXGK 120N60A3		200	120	1.35	260	10.4	0.16	-	-	780	X020a	
IXGN 120N60A3		200	120	1.35	260	10.4	0.21	-	-	595	X027a	X014a TO-247AD
IXGN 120N60A3D1		200	120	1.35	260	10.4	0.21	•	0.85	595	X027a	
IXGX 120N60A3		200	120	1.35	260	10.4	0.16	-	-	780	X015a	
IXGA 48N60B3		280	48	1.8	116	1.3	0.42	-	-	300	X011b	X014a TO-247AD
IXGH 48N60B3		280	48	1.8	116	1.3	0.42	-	-	300	X014a	
IXGP 48N60B3		280	48	1.8	116	1.3	0.42	-	-	300	X005a	
IXGK 120N60B3		280	120	1.8	145	4.7	0.16	-	-	780	X020a	X015a PLUS247
IXGX 120N60B3		280	120	1.8	145	4.7	0.16	-	-	780	X015a	
IXGN 200N60B3		300	200	1.5	183	4.2	0.15	-	-	830	X027a	
IXGN 320N60A3		320	170	1.25	740	*	0.17	-	-	735	X027a	X016a ISOPLUS247™
IXGK 320N60A3		320	210	1.25	740	*	0.125	-	-	1000	X020a	
IXGX 320N60A3		320	210	1.25	740	*	0.125	-	-	1000	X015a	
IXGH 56N60B3D1		350	56	1.8	95	2.2	0.375	•	1.5	330	X014a	X019 TO-268AA
IXGK 64N60B3D1		400	64	1.8	88	1.95	0.27	•	1.35	460	X020a	
IXGX 64N60B3D1		400	64	1.8	88	1.95	0.27	•	1.35	460	X015a	
MMIX 1G320N60B3		400	180	1.5	165	5.4	0.125	-	-	1000	X031a	X020a TO-264
IXGN 400N60A3		400	190	1.25	270	*	0.15	-	-	830	X027a	
IXGN 400N60B3		430	200	1.4	125	4.25	0.125	-	-	1000	X027a	
IXGK 320N60B3		500	*	1.6	165	5.4	0.073	-	-	1700	X020a	X027a SOT-227B miniBLOC
IXGX 320N60B3		500	*	1.6	165	5.4	0.073	-	-	1700	X015a	
IXGA 36N60A3		*	36	1.4	325	5.3	0.56	-	-	220	X011b	
IXGH 36N60A3		*	36	1.4	325	5.3	0.56	-	-	220	X014a	X031a SMPD-X
IXGP 36N60A3		*	36	1.4	325	5.3	0.56	-	-	220	X005a	
IXGR 64N60A3		*	47	1.35	222	6.03	0.62	-	-	200	X016a	
IXGA 48N60A3		*	48	1.35	224	5.6	0.42	-	-	300	X011b	X027a
IXGH 48N60A3		*	48	1.35	2.24	5.6	0.42	-	-	300	X014a	
IXGH 48N60B3D1		*	48	1.8	116	1.3	0.42	•	1.5	300	X014a	
IXGP 48N60A3		*	48	1.35	224	5.6	0.42	-	-	300	X005a	X027a
IXGR 72N60A3		*	52	1.35	250	6.5	0.62	-	-	200	X016a	
IXGH 64N60A3		*	64	1.35	222	6	0.27	-	-	460	X014a	
IXGH 64N60B3		*	64	1.8	88	1.95	0.27	-	-	460	X014a	X027a
IXGT 64N60A3		*	64	1.35	222	6	0.27	-	-	460	X019	
IXGT 64N60B3		*	64	1.8	88	1.95	0.27	-	-	460	X019	
IXGH 32N100A3	1000	75	32	2.2	540	13	0.42	-	-	300	X014a	X031a
IXGT 32N100A3		75	32	2.2	540	13	0.42	-	-	300	X019	
IXGA 12N120A3	1200	22	*	3	1035	*	1.25	-	-	100	X011b	
IXGH 12N120A3		22	*	3	1035	*	1.25	-	-	100	X014a	X031a
IXGP 12N120A3		22	*	3	1035	*	1.25	-	-	100	X005a	
IXGA 20N120B3		36	*	3.1	155	1.63	0.69	-	-	180	X011b	
IXGP 20N120B3		36	*	3.1	155	1.63	0.69	-	-	180	X005a	X031a
IXGA 20N120A3		40	20	2.5	715	10.1	0.69	-	-	180	X011b	
IXGH 20N120A3		40	20	2.5	715	10.1	0.69	-	-	180	X014a	
IXGP 20N120A3		40	20	2.5	715	10.1	0.69	-	-	180	X005a	X031a
IXGA 24N120C3		48	*	4.2	110	1.18	0.5	-	-	250	X011b	
IXGH 24N120C3		48	*	4.2	110	1.18	0.5	-	-	250	X014a	
IXGH 24N120C3H1		48	*	4.2	110	1.18	0.5	•	0.9	250	X014a	

* under progress