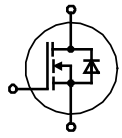
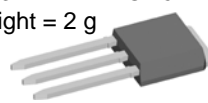

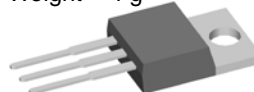
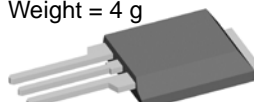
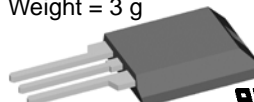

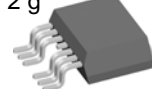
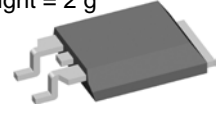
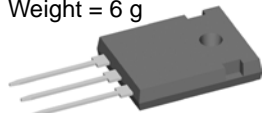
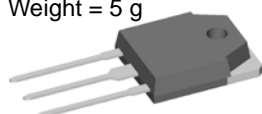
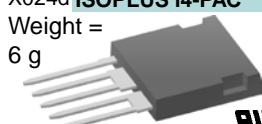


Trench Gate Power MOSFETs



Very Low $R_{DS(on)}$

Part Type	V_{DSS}	$I_{D(cont)}$ $T_C = 25^\circ C$	$R_{DS(on)}$ $T_C = 25^\circ C$	C_{iss} typ.	Q_g typ.	t_{rr} typ.	R_{thJC}	P_D	Fig. No.	Package style Outline drawings on pages O-30...O-52
	V	A	Ω	pF	nC	ns	K/W	W		
➤ New										
IXTP 64N055T	55	64	0.013	1420	37	31	1.15	130	X005a	<p>X003 TO-251AA Weight = 2 g</p>  <p>X004 TO-252AA Weight = 0.3 g</p>  <p>X005a TO-220AB Weight = 4 g</p>  <p>X009a PLUS220 Weight = 4 g</p>  <p>X010a ISOPLUS220™ Weight = 3 g</p>  <p>X011b TO-263AB Weight = 2 g</p>  <p>X012c TO-263(6) Weight = 2 g</p>  <p>X013 PLUS220SMD Weight = 2 g</p>  <p>X014a TO-247AD Weight = 6 g</p>  <p>X017a TO-3P Weight = 5 g</p>  <p>X024d ISOPLUS i4-PAC™ Weight = 6 g</p> 
IXTY 64N055T		64	0.013	1420	37	31	1.15	130	X004	
➤ IXTC 220N055T		130	0.004	7200	158	47	1.00	150	X010a	
IXTC 240N055T		132	0.004	7600	170	50	1.00	150	X010a	
IXTC 280N055T		145	0.004	9800	200	54	0.96	160	X010a	
➤ IXTF 280N055T		160	0.004	9800	200	54	0.75	200	X024d	
IXTA 220N055T		220	0.004	7200	158	47	0.35	430	X011b	
IXTA 220N055T7		220	0.004	7200	158	47	0.35	430	X012c	
➤ IXTH 220N055T		220	0.004	7200	158	47	0.35	430	X014a	
IXTP 220N055T		220	0.004	7200	158	47	0.35	430	X005a	
IXTQ 220N055T		220	0.004	7200	158	47	0.35	430	X017a	
IXTA 240N055T		240	0.004	7600	170	50	0.31	480	X011b	
IXTA 240N055T7		240	0.004	7600	170	50	0.31	480	X012c	
➤ IXTH 240N055T		240	0.004	7600	170	50	0.31	480	X014a	
IXTP 240N055T		240	0.004	7600	170	50	0.31	480	X005a	
IXTQ 240N055T		240	0.004	7600	170	50	0.31	480	X017a	
IXTH 280N055T		280	0.003	9800	200	54	0.27	550	X014a	
IXTQ 280N055T		280	0.003	9800	200	54	0.27	550	X017a	
IXTV 280N055T		280	0.003	9800	200	54	0.27	550	X009a	
IXTV 280N055TS		280	0.003	9800	200	54	0.27	550	X013	
IXTU 12N06T	60	12	0.0085	256	3.4	30	4.50	33	X003	
IXTY 12N06T		12	0.0085	256	3.4	30	4.50	33	X004	
IXTP 55N075T	75	55	0.020	1400	33	51	1.15	130	X005a	
IXTY 55N075T		55	0.020	1400	33	51	1.15	130	X004	
➤ IXTC 200N075T		110	0.006	6800	160	61	1.00	150	X010a	
IXTC 220N075T		115	0.005	7700	165	62	1.00	150	X010a	
IXTC 250N075T		128	0.004	9900	200	65	0.96	160	X010a	
➤ IXTF 250N075T		140	0.004	9900	200	65	0.75	200	X024d	
IXTA 200N075T		200	0.005	6800	160	61	0.35	430	X011b	
IXTA 200N075T7		200	0.005	6800	160	61	0.35	430	X012c	
➤ IXTH 200N075T		200	0.005	6800	160	61	0.35	430	X014a	
IXTP 200N075T		200	0.005	6800	160	61	0.35	430	X005a	
IXTQ 200N075T		200	0.005	6800	160	61	0.35	430	X017a	
IXTA 220N075T		220	0.005	7700	165	62	0.31	480	X011b	
IXTA 220N075T7		220	0.005	7700	165	62	0.31	480	X012c	
➤ IXTH 220N075T		220	0.005	7700	165	62	0.31	480	X014a	
IXTP 220N075T		220	0.005	7700	165	62	0.31	480	X005a	
IXTQ 220N075T		220	0.005	7700	165	62	0.31	480	X017a	
IXTH 250N075T		250	0.004	9900	200	65	0.27	550	X014a	
IXTQ 250N075T		250	0.004	9900	200	65	0.27	550	X017a	
IXTV 250N075T		250	0.004	9900	200	65	0.27	550	X009a	
IXTV 250N075TS		250	0.004	9900	200	65	0.27	550	X013	
IXTP 50N085T	85	50	0.023	1460	34	55	1.15	130	X005a	
IXTY 50N085T		50	0.023	1460	34	55	1.15	130	X004	
➤ IXTA 70N085T		70	0.014	2570	59	56	0.85	176	X011b	
IXTP 70N085T		70	0.014	2570	59	56	0.85	176	X005a	
IXTA 88N085T		88	0.011	3140	69	57	0.65	230	X011b	
IXTA 88N085T7		88	0.011	3140	69	57	0.65	230	X012c	
IXTP 88N085T		88	0.011	3140	69	57	0.65	230	X005a	
➤ IXTC 180N085T		110	0.006	7500	170	63	1.00	150	X010a	
IXTC 200N085T		110	0.006	7600	160	64	1.00	150	X010a	
IXTC 230N085T		120	0.005	9900	187	66	0.96	160	X010a	
➤ IXTF 230N085T		130	0.005	9900	187	66	0.75	200	X024d	
IXTA 152N085T		152	0.007	5500	114	61	0.42	360	X011b	
IXTA 152N085T7		152	0.007	5500	114	61	0.42	360	X012c	
➤ IXTH 152N085T		152	0.007	5500	114	61	0.42	360	X014a	
IXTP 152N085T		152	0.007	5500	114	61	0.42	360	X005a	
IXTQ 152N085T		152	0.007	5500	114	61	0.42	360	X017a	
IXTA 180N085T		180	0.006	7500	170	63	0.35	430	X011b	
IXTA 180N085T7		180	0.006	7500	170	63	0.35	430	X012c	
➤ IXTH 180N085T		180	0.006	7500	170	63	0.35	430	X014a	
IXTP 180N085T		180	0.006	7500	170	63	0.35	430	X005a	
IXTQ 180N085T		180	0.006	7500	170	63	0.35	430	X017a	
IXTA 200N085T		200	0.005	7600	152	64	0.31	480	X011b	
IXTA 200N085T7		200	0.005	7600	152	64	0.31	480	X012c	
➤ IXTH 200N085T		200	0.005	7600	152	64	0.31	480	X014a	
IXTP 200N085T		200	0.005	7600	152	64	0.31	480	X005a	
IXTQ 200N085T		200	0.005	7600	152	64	0.31	480	X017a	
IXTH 230N085T		230	0.004	9900	187	66	0.27	550	X014a	
IXTQ 230N085T		230	0.004	9900	187	66	0.27	550	X017a	
IXTV 230N085T		230	0.004	9900	187	66	0.27	550	X009a	
IXTV 230N085TS		230	0.004	9900	187	66	0.27	550	X013	