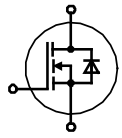
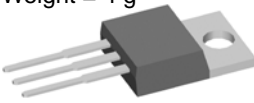
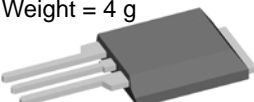
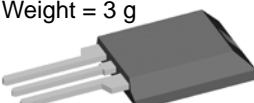



Trench Gate Power MOSFETs



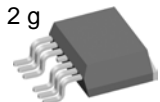
Very Low $R_{DS(on)}$

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
➤ New	V	A	Ω	pF	nC	ns	K/W	W		
➤ IXTQ 86N20T	200	86	0.029	4500	90	140	0.31	480	X017a	X005a TO-220AB Weight = 4 g 
➤ IXTH 102N20T		102	0.022	6800	114	130	0.20	750	X014a	
➤ IXTQ 102N20T		102	0.022	6800	114	130	0.20	750	X017a	
➤ IXTV 102N20T		102	0.022	6800	114	130	0.20	750	X009a	
➤ IXTV 102N20TS		102	0.022	6800	114	130	0.20	750	X013	
➤ IXTH 130N20T		130	0.016	8800	150	150	0.18	830	X014a	
➤ IXTV 130N20TS		130	0.016	8800	150	150	0.15	530	X013	
➤ IXTA 50N25T	250	50	0.050	4000	78	166	0.31	400	X011b	X009a PLUS220 Weight = 4 g 
➤ IXTH 50N25T		50	0.050	4000	78	166	0.31	400	X014a	
➤ IXTP 50N25T		50	0.050	4000	78	166	0.31	400	X005a	
➤ IXTQ 50N25T		50	0.050	4000	78	166	0.31	400	X017a	
➤ IXTC 110N25T		53	0.026	9300	152	200	0.69	180	X010a	
➤ IXTA 76N25T		76	0.039	4500	92	148	0.27	460	X011b	
➤ IXTH 76N25T		76	0.039	4500	92	148	0.27	460	X014a	
➤ IXTP 76N25T	76	0.039	4500	92	148	0.27	460	X005a		
➤ IXTQ 76N25T	76	0.039	4500	92	148	0.27	460	X017a		
➤ IXTH 86N25T	86	0.036	5330	105	156	0.23	540	X014a	X010a ISOPLUS220™ Weight = 3 g 	
➤ IXTQ 86N25T	86	0.036	5330	105	156	0.23	540	X017a		
➤ IXTV 86N25T	86	0.036	5330	105	156	0.23	540	X009a		
➤ IXTH 96N25T	96	0.029	6100	114	158	0.20	625	X014a		
➤ IXTQ 96N25T	96	0.029	6100	114	158	0.20	625	X017a		
➤ IXTV 96N25T	96	0.029	6100	114	158	0.20	625	X009a		
➤ IXTH 110N25T	110	0.024	8700	157	170	0.18	694	X014a		
➤ IXTV 110N25TS	110	0.024	8700	157	170	0.18	694	X013		
➤ IXTA 50N28T	280	50	0.060	4070	87	180	0.37	340	X011b	X011b TO-263AB Weight = 2 g 
➤ IXTQ 80N28T		80	0.049	5000	115		0.25	500	X017a	

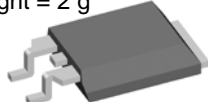
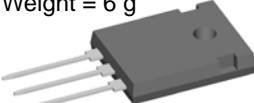
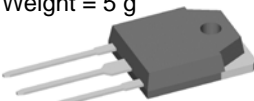
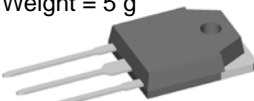
X011b **TO-263AB**
Weight = 2 g



X012c **TO-263(6)**
Weight = 2 g



TrenchT2™ Power MOSFETs

Part Type	V_{DSS}	$I_{D(cont)}$ $T_C = 25^\circ C$	$R_{DS(on)}$ $T_J = 25^\circ C$	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
➤ New	V	A	Ω	pF	nC	ns	K/W	W		
➤ IXTA 100N04T2	40	100	0.0070	2690	25.5	34	1.00	150	X011b	X013 PLUS220SMD Weight = 2 g 
➤ IXTP 100N04T2		100	0.0070	2690	25.5	34	1.00	150	X005a	
➤ IXTA 120N04T2		120	0.0061	3240	58.0	35	0.75	200	X011b	
➤ IXTP 120N04T2		120	0.0061	3240	58.0	35	0.75	200	X005a	
➤ IXTA 220N04T2		220	0.0035	6500	112.0	45	0.42	360	X011b	
➤ IXTP 220N04T2		220	0.0035	6500	112.0	45	0.42	360	X005a	
➤ IXTA 220N04T2-7	220	0.0035	6820	112.0	45	0.42	360	X012c	X014a TO-247AD Weight = 6 g 	
➤ IXTA 90N055T2	55	90	0.0084	2670	42.0	37	1.00	150	X011b	X017a TO-3P Weight = 5 g 
➤ IXTP 90N055T2		90	0.0084	2670	42.0	37	1.00	150	X005a	
➤ IXTA 110N055T2		110	0.0066	3060	57.0	38	0.82	180	X011b	
➤ IXTP 110N055T2		110	0.0066	3060	57.0	38	0.82	180	X005a	
➤ IXTA 200N055T2		200	0.0042	6800	109.0	49	0.42	360	X011b	
➤ IXTP 200N055T2		200	0.0042	6800	109.0	49	0.42	360	X005a	
➤ IXTA 70N075T2	75	70	0.012	2580	46.0	48	1.00	150	X011b	X017a TO-3P Weight = 5 g 
➤ IXTP 70N075T2		70	0.012	2580	46.0	48	1.00	150	X005a	
➤ IXTA 90N075T2		90	0.010	3100	54.0	50	0.50	180	X011b	
➤ IXTP 90N075T2		90	0.010	3100	54.0	50	0.50	180	X005a	
➤ IXTA 170N075T2		170	0.0054	6500	110.0	52	0.42	360	X011b	
➤ IXTP 170N075T2		170	0.0054	6500	110.0	52	0.42	360	X005a	