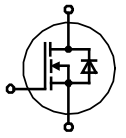


# Trench Gate Power MOSFETs



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	$\Omega$	pF	nC	ns	K/W	W		
IXTP 44N10T	100	44	0.030	1262	33	57	1.15	130	X005a	X004 <b>TO-252AA</b> Weight = 0.3 g
IXTY 44N10T		44	0.030	1262	33	57	1.15	130	X004	
➤ IXTA 60N10T		60	0.018	2520	49	59	0.85	176	X011b	X005a <b>TO-220AB</b> Weight = 4 g
IXTP 60N10T		60	0.018	2520	49	59	0.85	176	X005a	
IXTA 80N10T		80	0.014	3040	60	61	0.65	230	X011b	
IXTA 80N10T7		80	0.014	3040	60	61	0.65	230	X012c	
IXTP 80N10T		80	0.014	3040	60	61	0.65	230	X005a	
➤ IXTC 160N10T		150	83	0.008	6600	132	70	1.06	140	X010a
IXTC 180N10T	90		0.007	6900	151	72	1.00	150	X010a	
IXTC 200N10T	101		0.006	7200	220	75	0.96	160	X010a	
➤ IXTF 200N10T	120		0.006	8500	152	75	0.75	200	X024d	
IXTA 130N10T	130		0.009	4800	104	69	0.42	360	X011b	X010a <b>ISOPLUS220™</b> Weight = 3 g
IXTA 130N10T7	130		0.009	4800	104	69	0.42	360	X012c	
➤ IXTH 130N10T	130		0.009	4800	104	69	0.42	360	X014a	X011b <b>TO-263AB</b> Weight = 2 g
IXTP 130N10T	130		0.009	4800	104	69	0.42	360	X005a	
IXTQ 130N10T	130		0.009	4800	104	69	0.42	360	X017a	
IXTA 160N10T	160		0.007	6600	132	70	0.35	430	X011b	X012c <b>TO-263(6)</b> Weight = 2 g
IXTA 160N10T7	160		0.007	6600	132	70	0.35	430	X012c	
➤ IXTH 160N10T	160		0.007	6600	132	70	0.35	430	X014a	X013 <b>PLUS220SMD</b> Weight = 2 g
IXTP 160N10T	160		0.007	6600	132	70	0.35	430	X005a	
IXTQ 160N10T	160		0.007	6600	132	70	0.35	430	X017a	
IXTA 180N10T	180		0.006	6900	151	72	0.31	480	X011b	X014a <b>TO-247AD</b> Weight = 6 g
IXTA 180N10T7	180		0.006	6900	151	72	0.31	480	X012c	
➤ IXTH 180N10T	180	0.006	6900	151	72	0.31	480	X014a	X017a <b>TO-3P</b> Weight = 5 g	
IXTP 180N10T	180	0.006	6900	151	72	0.31	480	X005a		
IXTQ 180N10T	180	0.006	6900	151	72	0.31	480	X017a		
IXTH 200N10T	200	0.006	8500	152	75	0.27	550	X014a	X024d <b>ISOPLUS i4-PAC™</b> Weight = 6 g	
➤ IXTN 200N10T	200	0.005	7200	220	75	0.30	500	X027a		
IXTQ 200N10T	200	0.006	8500	152	75	0.27	550	X017a		
IXTV 200N10T	200	0.006	8500	152	75	0.27	550	X009a	X027a <b>SOT-227B miniBLOC</b> Weight = 30 g	
IXTV 200N10TS	200	0.006	8500	152	75	0.27	550	X013		
➤ IXTN 320N10T	320	0.004	18000	325	85	0.17	880	X027a		
IXUN 350N10	350	0.002	27000	640	100	0.18	965	X027a		
➤ IXTA 42N15T	200	42	0.045	1730	21	100	0.75	200	X011b	X014a <b>TO-247AD</b> Weight = 6 g
➤ IXTP 42N15T		42	0.045	1730	21	100	0.75	200	X005a	
➤ IXTA 56N15T		56	0.036	2250	34	100	0.50	300	X011b	X017a <b>TO-3P</b> Weight = 5 g
IXTP 56N15T		56	0.036	2250	34	100	0.50	300	X005a	
➤ IXTA 90N15T		90	0.020	4100	80	110	0.33	455	X011b	X027a <b>SOT-227B miniBLOC</b> Weight = 30 g
➤ IXTH 90N15T		90	0.020	4100	80	110	0.33	455	X014a	
➤ IXTP 90N15T		90	0.020	4100	80	110	0.33	455	X005a	
➤ IXTQ 90N15T		90	0.020	4100	80	110	0.33	455	X017a	
➤ IXTA 102N15T		102	0.018	4700	92	100	0.27	556	X011b	X014a <b>TO-247AD</b> Weight = 6 g
➤ IXTH 102N15T		102	0.018	4700	92	100	0.27	556	X014a	
➤ IXTP 102N15T		102	0.018	4700	92	100	0.27	556	X005a	X017a <b>TO-3P</b> Weight = 5 g
➤ IXTQ 102N15T		102	0.018	4700	92	100	0.27	556	X017a	
➤ IXTH 130N15T		130	0.012	9800	113	100	0.20	750	X014a	X024d <b>ISOPLUS i4-PAC™</b> Weight = 6 g
➤ IXTQ 130N15T		130	0.012	9800	113	100	0.20	750	X017a	
➤ IXTV 130N15TS		130	0.012	9800	113	100	0.20	750	X013	
➤ IXTH 160N15T		160	0.010	8800	160	115	0.18	830	X014a	
➤ IXFH 150N17T	170	150	0.012	8800	155	96	0.18	830	X014a	X024d <b>ISOPLUS i4-PAC™</b> Weight = 6 g
➤ IXTH 150N17T		150	0.012	8800	155	96	0.18	830	X014a	
➤ IXTA 32N20T	200	32	0.072	1760	38	140	0.75	200	X011b	X014a <b>TO-247AD</b> Weight = 6 g
➤ IXTP 32N20T		32	0.072	1700	38	110	0.75	200	X005a	
➤ IXTA 48N20T		48	0.050	3000	60	130	0.50	250	X011b	X017a <b>TO-3P</b> Weight = 5 g
IXTH 48N20T		48	0.050	3000	60	130	0.50	250	X014a	
➤ IXTP 48N20T		48	0.050	3000	60	130	0.50	250	X005a	X027a <b>SOT-227B miniBLOC</b> Weight = 30 g
➤ IXTQ 48N20T		48	0.050	3000	60	130	0.50	250	X017a	
➤ IXTC 102N20T		50	0.024	6800	114	130	0.85	176	X010a	
➤ IXTA 60N20T		60	0.040	3700	90	140	0.37	400	X011b	X014a <b>TO-247AD</b> Weight = 6 g
➤ IXTP 60N20T		60	0.040	3700	90	140	0.37	400	X005a	
➤ IXTQ 60N20T		60	0.040	3700	90	140	0.37	400	X017a	
➤ IXTA 86N20T	86	0.029	4500	90	140	0.31	480	X011b	X017a <b>TO-3P</b> Weight = 5 g	
➤ IXTH 86N20T	86	0.029	4500	90	140	0.31	480	X014a		
➤ IXTP 86N20T	86	0.029	4500	90	140	0.31	480	X005a		