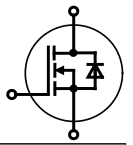











# Ultra Junction Power MOSFETs



Part Type	V <sub>DSS</sub>	I <sub>D(cont)</sub> Chip T <sub>C</sub> = 25°C	R <sub>DS(on)</sub> T <sub>J</sub> = 25°C	C <sub>iss</sub> typ.	Q <sub>g</sub> typ.	t <sub>rr</sub> typ.	R <sub>thJC</sub>	P <sub>D</sub>	Fig. No.	Package style	
> New	V	A	Ω	pF	nC	ns	K/W	W		Outline drawings on pages O-36...O-59	
<b>650 V X2-Class Power MOSFETs</b>										X004	<b>TO-252AA</b>
IXTP 2N65X2	650	2	2.300	180	4.3	137	2.27	55	X005a		
IXTY 2N65X2		2	2.300	180	4.3	137	2.27	55	X004		
IXTA 4N65X2		4	0.850	455	8.3	160	1.56	80	X011b	X005a	<b>TO-220AB</b>
IXTP 4N65X2		4	0.850	455	8.3	160	1.56	80	X005a		
IXTY 4N65X2		4	0.850	455	8.3	160	1.56	80	X004		
IXTA 8N65X2		8	0.500	800	12	200	0.83	150	X011b	X007a	<b>TO-220FPAB</b>
IXTP 8N65X2		8	0.500	800	12	200	0.83	150	X005a		
IXTP 8N65X2M		8	0.550	800	12	200	3.90	32	X007a		
IXTY 8N65X2		8	0.500	800	12	200	0.83	150	X004		
IXTA 12N65X2		12	0.300	1100	17.7	270	0.69	180	X011b	X011b	<b>TO-263AB</b>
IXTH 12N65X2		12	0.300	1100	17.7	270	0.69	180	X014a		
IXTP 12N65X2		12	0.300	1100	17.7	270	0.69	180	X005a		
IXTP 12N65X2M		12	0.300	1100	17.7	270	3.10	40	X007a		
IXTA 20N65X2		20	0.185	1450	27	350	0.43	290	X011b	X014a	<b>TO-247AD</b>
IXTH 20N65X2		20	0.185	1450	27	350	0.43	290	X014a		
IXTP 20N65X2		20	0.185	1450	27	350	0.43	290	X005a		
IXTP 20N65X2M		20	0.185	1450	27	350	3.50	36	X007a		
IXTA 24N65X2		24	0.145	2060	36	390	0.32	390	X011b	X015a	<b>PLUS247</b>
IXTH 24N65X2		24	0.145	2060	36	390	0.32	390	X014a		
IXTP 24N65X2		24	0.145	2060	36	390	0.32	390	X005a		
IXTP 24N65X2M		24	0.145	2060	36	390	3.37	37	X007a		
IXTA 30N65X2		30	0.120	2260	44	355	0.27	460	X011b	X016a	<b>ISOPLUS247™</b>
IXTP 30N65X2		30	0.120	2260	44	355	0.27	460	X014a		
IXTH 30N65X2		30	0.120	2260	44	355	0.27	460	X014a		
IXTA 34N65X2		34	0.096	3000	54	390	0.23	540	X011b	X019a	<b>TO-268AAHV</b>
IXTA 34N65X2		34	0.096	3000	54	390	0.23	540	X011b		
IXTH 34N65X2		34	0.096	3000	54	390	0.23	540	X014a		
IXTP 34N65X2		34	0.096	3000	54	390	0.23	540	X005a		
IXTT 34N65X2HV		34	0.096	3000	54	390	0.23	540	X019a		
IXTH 48N65X2		48	0.065	4300	76	400	0.19	660	X014a	X020a	<b>TO-264</b>
IXTR 102N65X2		54	0.033	10900	152	450	0.38	330	X016a		
IXTH 62N65X2		62	0.050	5800	100	445	0.16	780	X014a		
IXTN 102N65X2		76	0.030	10900	152	450	0.21	595	X027a	X027a	<b>SOT-227B</b>
IXTH 80N65X2		80	0.038	7800	137	465	0.14	890	X014a		
IXTK 102N65X2		102	0.030	10900	152	450	0.12	1040	X020a		
IXTX 102N65X2		102	0.030	10900	152	450	0.12	1040	X015a		
IXTK 120N65X2		120	0.023	13600	230	505	0.10	1250	X020a		
IXTX 120N65X2		120	0.023	13600	230	505	0.10	1250	X015a	