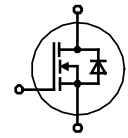
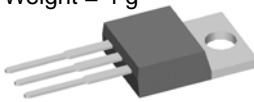

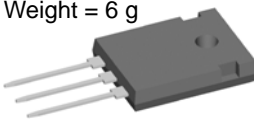
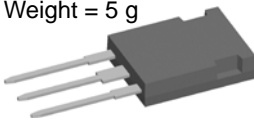
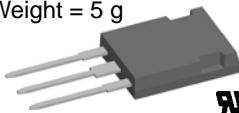
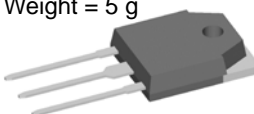

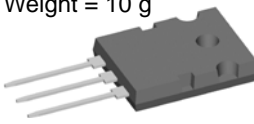






# PolarP™ P-Channel Power MOSFETs



Part Type	V <sub>DSS</sub>	I <sub>D(cont)</sub> 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 Outline drawings on pages O-30...O-52	
➤ New	V	A	Ω	pF	nC	ns	K/W	W			
IXTA 52P10P	-100	-52.0	0.050	2845	60	120	0.42	300	X011b	<b>TO-220AB</b> X005a Weight = 4 g 	
IXTH 52P10P		-52.0	0.050	2845	60	120	0.42	300	X014a		
IXTP 52P10P		-52.0	0.050	2845	60	120	0.42	300	X005a		
IXTQ 52P10P		-52.0	0.050	2845	60	120	0.42	300	X017a		
IXTH 90P10P		-90.0	In Development								X014a
IXTT 90P10P		-90.0	In Development								X019
IXTK 170P10P		* -170.0	0.012	1260	240	176	0.14	890	X020a		<b>TO-263AB</b> X011b Weight = 2 g 
IXTN 170P10P		* -170.0	0.012	1260	240	176	0.14	890	X027a		
IXTX 170P10P		* -170.0	0.012	1260	240	176	0.14	890	X015a		
IXTA 36P15P	-150	-36.0	0.110	3100	55	228	0.42	300	X011b	<b>TO-247AD</b> X014a Weight = 6 g 	
IXTP 36P15P		-36.0	0.110	3100	55	228	0.42	300	X005a		
IXTQ 36P15P		-36.0	0.110	3100	55	228	0.42	300	X017a		
IXTA 26P20P	-200	-26.0	0.170	2740	56	240	0.42	300	X011b	<b>PLUS247</b> X015a Weight = 5 g 	
IXTH 26P20P		-26.0	0.170	2740	56	240	0.42	300	X014a		
IXTP 26P20P		-26.0	0.170	2740	56	240	0.42	300	X005a		
IXTQ 26P20P		-26.0	0.170	2740	56	240	0.42	300	X017a		
IXTH 48P20P		-48.0	In Development								X014a
IXTT 48P20P		-48.0	In Development								X019
IXTK 90P20P		-90.0	0.044	12000	205	315	0.14	890	X020a		<b>ISOPLUS247™</b> X016a Weight = 5 g 
IXTN 90P20P		-90.0	0.044	12000	205	315	0.14	890	X027a		
IXTR 90P20P		-53.0	0.048	12000	205	315	0.40	312	X016a		
IXTX 90P20P		-90.0	0.044	12000	205	315	0.14	890	X015a		<b>TO-3P</b> X017a Weight = 5 g 
IXTA 10P50P	-500	-10.0	1.000	2670	50	414	0.50	250	X011b		
IXTH 10P50P		-10.0	1.000	2670	50	414	0.50	250	X014a		
IXTP 10P50P		-10.0	1.000	2670	50	414	0.50	250	X005a		
IXTQ 10P50P		-10.0	1.000	2670	50	414	0.50	250	X017a		
IXTH 20P50P		-20.0	In Development							X014a	
IXTT 20P50P		-20.0	In Development							X019	
IXTK 40P50P		-40.0	0.230	11500	205	477	0.14	890	X020a	<b>TO-268AA</b> X019 Weight = 5 g 	
IXTN 40P50P		-40.0	0.230	11500	205	477	0.14	890	X027a		
IXTR 40P50P		-22.0	0.260	11500	205	477	0.40	312	X016a		
IXTX 40P50P		-40.0	0.230	11500	205	477	0.14	890	X015a	<b>TO-264</b> X020a Weight = 10 g 	
IXTH 16P60P	-600	-16.0	In Development								X014a
IXTT 16P60P		-16.0	In Development								X019
IXTK 32P60P		-32.0	In Development								X020a
IXTN 32P60P		-32.0	In Development								X027a
IXTX 32P60P		-32.0	In Development							X015a	

\* limited by leads

# TrenchP™ P-Channel Power MOSFETs

Part Number	V <sub>DSS</sub>	I <sub>D</sub> T <sub>C</sub> = 25°C	R <sub>DS(on)</sub> T <sub>C</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 Outline drawings on pages O-30...O-52
➤ New	V	A	mΩ	pF	nC	nS	K/W	W		
IXTA 32P05T	-50	32	36	1975	46	26	1.5	83	X011b	<b>SOT-227B</b> X027a Weight = 30 g <b>miniBLOC</b> 
IXTP 32P05T		32	36	1975	46	26	1.5	83	X005a	
IXTA 28P065T	-65	28	45	2030	46	31	1.5	83	X011b	
IXTP 28P065T		28	45	2030	46	31	1.5	83	X005a	
IXTA 24P085T	-85	24	65	2090	41	40	1.5	83	X011b	
IXTP 24P085T		24	65	2090	41	40	1.5	83	X005a	
IXTA 18P10T	-100	18	120	2100	39	62	1.5	83	X011b	
IXTP 18P10T		18	120	2100	39	62	1.5	83	X005a	