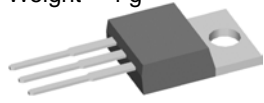
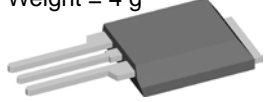
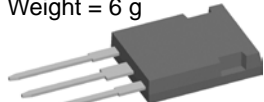
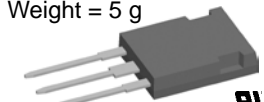
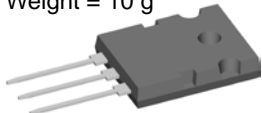
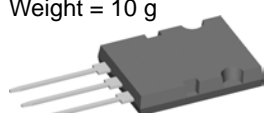
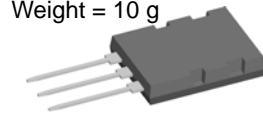


# Polar™ N-Channel HiPerFET with Fast Intrinsic Diode

## High Voltage Types

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>	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				
IXFX 32N80P	800	32	0.270	8800	150.0	250	0.15	830	X015a	X005a <b>TO-220AB</b> Weight = 4 g 		
IXFN 44N80P		39	0.190	12000	200.0	250	0.18	694	X027a			
IXFL 60N80P		40	0.150	18000	250.0	250	0.20	625	X022a			
IXFK 44N80P		44	0.190	12000	198.0	250	0.12	1040	X020a			
IXFX 44N80P		44	0.190	12000	198.0	250	0.12	1040	X015a			
IXFN 60N80P		53	0.140	18000	250.0	250	0.12	1040	X027a			
IXFB 60N80P	60	0.140	18000	250.0	250	0.10	1250	X021a				
➤ IXFA 4N100P	1000	4	3.000	1550	28.0	300	0.83	150	X011b	X009a <b>PLUS220</b> Weight = 4 g 		
➤ IXFP 4N100P		4	3.000	1550	28.0	300	0.83	150	X005a			
➤ IXFA 5N100P		5	2.500	1970	35.0	300	0.62	150	X011b			
➤ IXFP 5N100P		5	2.500	1970	35.0	300	0.62	150	X005a			
➤ IXFA 7N100P		7	1.800	2770	47.0	300	0.42	300	X011b			
➤ IXFP 7N100P		7	1.800	2770	47.0	300	0.42	300	X005a			
➤ IXFR 15N100P		9	0.830	6200	97.0	300	0.62	200	X016a			
➤ IXFH 10N100P		10	1.400	3420	58.0	300	0.33	380	X014a			
➤ IXFV 10N100P		10	1.400	3420	58.0	300	0.33	380	X009a			
➤ IXFV 10N100PS		10	1.400	3420	58.0	300	0.33	380	X013			
➤ IXFR 20N100P		11	0.640	8500	126.0	300	0.54	230	X016a			
➤ IXFH 12N100P		12	1.050	4720	80.0	300	0.27	463	X014a			
➤ IXFR 12N100P		12	1.050	4000	150.0	1000	0.42	300	X016a			
➤ IXFV 12N100P		12	1.050	4720	80.0	300	0.27	463	X009a			
➤ IXFV 12N100PS		12	1.050	4720	80.0	300	0.27	463	X013			
➤ IXFH 15N100P		15	0.760	6200	97.0	300	0.23	543	X014a			
➤ IXFV 15N100P		15	0.760	6200	97.0	300	0.23	543	X009a			
➤ IXFV 15N100PS		15	0.760	6200	97.0	300	0.23	543	X013			
➤ IXFR 26N100P	15	0.430	14000	197.0	300	0.43	290	X016a				
➤ IXFR 32N100P	18	0.340	17000	225.0	300	0.39	320	X016a				
➤ IXFH 20N100P	20	0.570	8500	126.0	300	0.19	660	X014a				
➤ IXFT 20N100P	20	0.570	8500	126.0	300	0.19	660	X019				
➤ IXFN 26N100P	23	0.390	14000	197.0	300	0.21	595	X027a				
➤ IXFK 26N100P	26	0.390	14000	197.0	300	0.16	780	X020a				
➤ IXFX 26N100P	26	0.390	14000	197.0	300	0.16	780	X015a				
➤ IXFN 32N100P	27	0.320	17000	225.0	300	0.18	690	X027a				
➤ IXFL 38N100P	29	0.230	26000	350.0	300	0.24	520	X022e				
➤ IXFK 32N100P	32	0.320	17000	225.0	300	0.13	960	X020a				
➤ IXFX 32N100P	32	0.320	17000	225.0	300	0.13	960	X015a				
➤ IXFL 44N100P	37	0.240	22000	305.0	300	0.35	357	X022e				
➤ IXFN 44N100P	37	0.220	22000	305.0	300	0.14	890	X027a				
➤ IXFN 38N100P	38	0.210	26000	350.0	300	0.125	1000	X027a				
➤ IXFB 44N100P	44	0.220	22000	305.0	300	0.10	1250	X021a				
➤ IXFR 30N110P	1100	16	0.400	16000	235.0	300	0.39	320	X016a	X015a <b>PLUS247</b> Weight = 6 g 		
➤ IXFL 40N110P		21	0.280	22000	310.0	300	0.35	357	X022e			
➤ IXFN 30N110P		25	0.360	16000	235.0	300	0.18	695	X027a			
➤ IXFL 36N110P		26	0.260	27000	350.0	300	0.24	520	X022e			
➤ IXFK 30N110P		30	0.360	16000	235.0	300	0.13	960	X020a			
➤ IXFX 30N110P		30	0.360	16000	235.0	300	0.13	960	X015a			
➤ IXFN 40N110P		34	0.260	22000	310.0	300	0.14	890	X027a			
➤ IXFN 36N110P		36	0.240	27000	350.0	300	0.125	1000	X027a			
➤ IXFB 40N110P		40	0.260	22000	310.0	300	0.10	1250	X021a			
➤ IXFR 16N120P		1200	9	1.040	8000	120.0	300	0.54	230		X016a	X016a <b>ISOPLUS247™</b> Weight = 5 g 
➤ IXFH 12N120P	12		1.350	6500	103.0	300	0.23	543	X014a			
➤ IXFV 12N120P	12		1.350	6500	103.0	300	0.23	543	X009a			
➤ IXFV 12N120PS	12		1.350	6500	103.0	300	0.23	543	X013			
➤ IXFR 20N120P	13		0.630	12900	193.0	300	0.43	290	X016a			
➤ IXFR 26N120P	15		0.500	16000	225.0	300	0.39	320	X016a			
➤ IXFH 16N120P	16		0.950	8000	120.0	300	0.19	660	X014a			
➤ IXFT 16N120P	16		0.950	8000	120.0	300	0.19	660	X019			
➤ IXFL 30N120P	18		0.380	22500	310.0	300	0.35	357	X022e			
➤ IXFK 20N120P	20		0.570	12900	193.0	300	0.16	780	X020a			
➤ IXFX 20N120P	20		0.570	12900	193.0	300	0.16	780	X015a			
➤ IXFN 20N120P	20		0.570	12900	193.0	300	0.21	595	X027a			
➤ IXFN 26N120P	23		0.460	16000	225.0	300	0.18	695	X027a			
➤ IXFL 32N120P	24		0.340	27000	360.0	300	0.24	520	X022e			
➤ IXFK 26N120P	26		0.460	16000	225.0	300	0.13	960	X020a			
➤ IXFX 26N120P	26		0.460	16000	225.0	300	0.13	960	X015a			
➤ IXFB 30N120P	30		0.350	22500	310.0	300	0.10	1250	X021a			
➤ IXFN 30N120P	30		0.350	22500	310.0	300	0.14	890	X027a			
➤ IXFN 32N120P	32	0.310	27000	360.0	300	0.125	1000	X027a				
X020a <b>TO-264</b> Weight = 10 g												
X021a <b>PLUS264</b> Weight = 10 g												
X022a <b>ISOPLUS264™</b> Weight = 10 g												
X022e <b>ISOPLUS264™</b> Weight = 10 g											