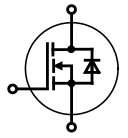


Polar™ HiPerFET™ MOSFETs with Fast Intrinsic Diode



Part Type	V _{DSS} V	I _{D(cont)} Chip T _C = 25°C A	R _{DS(on)} T _J = 25°C Ω	C _{iss} typ pF	Q _g typ nC	t _{rr} typ ns	R _{thJC} K/W	P _D W	Fig. No.	Package style Outline drawings on pages O-36...O-59
IXFP 4N100P	1000	4	3.30	1456	26	300	0.83	150	X005a	X005a TO-220AB
IXFA 4N100P		4	3.30	1456	26	300	0.83	150	X011b	
IXFP 5N100P		5	2.80	1830	33.4	200	0.50	250	X005a	X011b TO-263AB
IXFH 5N100P		5	2.80	1830	33.4	200	0.50	250	X014a	
IXFA 5N100P		5	2.80	1830	33.4	200	0.50	250	X011b	X014a TO-247AD
IXFA 7N100P		7	1.90	2590	47	300	0.42	300	X011b	
IXFH 7N100P		7	1.90	2590	47	300	0.42	300	X014a	X015a PLUS247
IXFP 7N100P		7	1.90	2590	47	300	0.42	300	X005a	
IXFH 10N100P		10	1.40	3030	56	300	0.33	380	X014a	X016a ISOPLUS247™
IXFR 20N100P		11	0.64	7300	126	300	0.54	230	X016a	
IXFH 12N100P		12	1.05	4080	80	300	0.27	463	X014a	X019 TO-268AA
IXFR 26N100P		15	0.43	11900	197	300	0.43	290	X016a	
IXFH 15N100P		15	0.76	5140	97	300	0.23	543	X014a	X020a TO-264
IXFR 32N100P		18	0.34	14200	225	300	0.39	320	X016a	
IXFH 20N100P		20	0.57	7300	126	300	0.19	660	X014a	X021a PLUS264
IXFT 20N100P		20	0.57	7300	126	300	0.19	660	X019	
IXFL 44N100P		22	0.24	19000	305	300	0.35	357	X022e	X022a ISOPLUS264™
IXFN 26N100P		23	0.39	11900	197	300	0.21	595	X027a	
IXFX 26N100P		26	0.39	11900	197	300	0.16	780	X015a	X022e ISOPLUS264/i5-pac
IXFK 26N100P		26	0.39	11900	197	300	0.16	780	X020a	
IXFN 32N100P		27	0.32	14200	225	300	0.18	690	X027a	X027a SOT-227B miniBLOC
IXFL 38N100P		29	0.23	24000	350	300	0.24	520	X022e	
IXFX 32N100P		32	0.32	14200	225	300	0.13	960	X015a	X021a miniBLOC
IXFK 32N100P		32	0.32	14200	225	300	0.13	960	X020a	
IXFN 44N100P		37	0.22	19000	305	300	0.14	890	X027a	X027a miniBLOC
IXFN 38N100P		38	0.21	24000	350	300	0.125	1000	X027a	
IXFB 44N100P		44	0.22	19000	305	300	0.10	1250	X021a	X027a miniBLOC
IXFL 40N110P	1100	21	0.28	19000	310	300	0.35	357	X022e	
IXFL 36N110P		26	0.26	23000	350	300	0.24	520	X022e	X027a miniBLOC
IXFN 40N110P		34	0.26	19000	310	300	0.14	890	X027a	
IXFB 40N110P		40	0.26	19000	310	300	0.10	1250	X021a	X027a miniBLOC
IXFP 6N120P	1200	6	2.40	2830	92	300	0.50	250	X005a	
IXFH 6N120P		6	2.40	2830	92	300	0.50	250	X014a	X021a PLUS264
IXFA 6N120P		6	2.40	2830	92	300	0.50	250	X011b	
IXFR 16N120P		9	1.04	6900	120	300	0.54	230	X016a	X022a ISOPLUS264™
IXFH 12N120P		12	1.35	5400	103	300	0.23	543	X014a	
IXFR 20N120P		13	0.63	12900	193	300	0.43	290	X016a	X022e ISOPLUS264/i5-pac
IXFR 26N120P		15	0.50	14000	225	300	0.39	320	X016a	
IXFH 16N120P		16	0.95	6900	120	300	0.19	660	X014a	X027a SOT-227B miniBLOC
IXFT 16N120P		16	0.95	6900	120	300	0.19	660	X019	
IXFL 30N120P		18	0.38	19000	310	300	0.35	357	X022e	X027a miniBLOC
IXFX 20N120P		20	0.57	11100	193	300	0.16	780	X015a	
IXFN 20N120P		20	0.57	11100	193	300	0.21	595	X027a	X027a miniBLOC
IXFK 20N120P		20	0.57	11100	193	300	0.16	780	X020a	
IXFN 26N120P		23	0.46	14000	225	300	0.18	695	X027a	X027a miniBLOC
IXFL 32N120P		24	0.34	21000	360	300	0.24	520	X022e	
IXFX 26N120P		26	0.46	14000	225	300	0.13	960	X015a	X027a miniBLOC
IXFK 26N120P		26	0.46	14000	225	300	0.13	960	X020a	
IXFB 30N120P		30	0.35	22500	310	300	0.10	1250	X021a	X027a miniBLOC
IXFN 30N120P		30	0.35	19000	310	300	0.14	890	X027a	
IXFN 32N120P		32	0.31	21000	360	300	0.125	1000	X027a	X027a miniBLOC