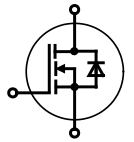


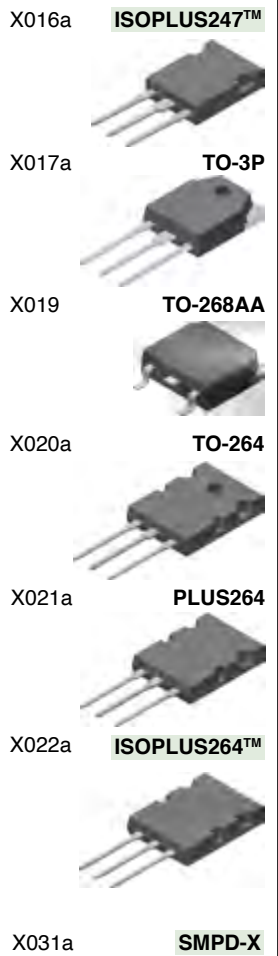


PolarP3™ HiPerFET™ Power MOSFETs



Part Type	V_{DS}	$I_{D(cont)}$ Chip	$R_{DS(on)}$	C_{iss}	Q_g	t_{rr}	R_{thJC}	P_D	Fig. No.	Package style Outline drawings on pages O-36...O-59
	V	$T_C = 25^\circ C$ A	$T_J = 25^\circ C$ Ω	typ. pF	typ. nC	typ. ns	K/W	W		
IXFQ 20N50P3	500	20	0.300	1800	36	250	0.360	380	X017a	X005a TO-220AB 
IXFA 26N50P3		26	0.230	2220	42	250	0.250	500	X011b	
IXFH 26N50P3		26	0.230	2220	42	250	0.250	500	X014a	
IXFP 26N50P3		26	0.230	2220	42	250	0.250	500	X005a	
IXFQ 26N50P3		26	0.230	2220	42	250	0.250	500	X017a	
IXFH 34N50P3		34	0.170	3260	60	250	0.180	695	X014a	
IXFQ 34N50P3		34	0.170	3260	60	250	0.180	695	X017a	
IXFH 60N50P3		60	0.100	6250	96	250	0.120	1040	X014a	
IXFQ 60N50P3		60	0.100	6250	96	250	0.120	1040	X017a	
IXFT 60N50P3		60	0.100	6250	96	250	0.120	1040	X019	
IXFL 132N50P3	600	63	0.043	18600	250	250	0.240	520	X022a	X011b TO-263AB 
IXFK 78N50P3		78	0.068	9900	147	250	0.110	1130	X020a	
IXFX 78N50P3		78	0.068	9900	147	250	0.110	1130	X015a	
IXFK 98N50P3		98	0.050	13100	197	250	0.096	1300	X020a	
IXFX 98N50P3		98	0.050	13100	197	250	0.096	1300	X015a	
IXFN 132N50P3		112	0.039	18600	250	250	0.083	1500	X027a	
IXFB 132N50P3		132	0.039	18600	250	250	0.066	1890	X021a	
IXFA 14N60P3		14	0.540	1480	25	250	0.380	327	X011b	
IXFH 14N60P3		14	0.540	1480	25	250	0.380	327	X014a	
IXFP 14N60P3		14	0.540	1480	25	250	0.380	327	X005a	
IXFA 16N60P3	16	0.440	1830	36	250	0.360	347	X011b		
IXFH 16N60P3	16	0.440	1830	36	250	0.360	347	X014a		
IXFP 16N60P3	16	0.440	1830	36	250	0.360	347	X005a		
IXFA 22N60P3	22	0.360	2600	38	250	0.250	500	X011b		
IXFH 22N60P3	22	0.360	2600	38	250	0.250	500	X014a		
IXFP 22N60P3	22	0.360	2600	38	250	0.250	500	X005a		
IXFQ 22N60P3	22	0.360	2600	38	250	0.250	500	X017a		
IXFH 28N60P3	28	0.260	3560	50	250	0.180	695	X014a		
IXFQ 28N60P3	28	0.260	3560	50	250	0.180	695	X017a		
IXFH 42N60P3	42	0.185	5150	78	250	0.150	830	X014a		
IXFR 80N60P3	48	0.076	13100	190	250	0.230	540	X016a		
IXFH 50N60P3	50	0.145	6300	94	250	0.120	1040	X014a		
IXFQ 50N60P3	50	0.145	6300	94	250	0.120	1040	X017a		
IXFT 50N60P3	50	0.145	6300	94	250	0.120	1040	X019		
IXFK 64N60P3	64	0.095	9900	145	250	0.110	1130	X020a		
IXFX 64N60P3	64	0.095	9900	145	250	0.110	1130	X015a		
IXFN 80N60P3	66	0.077	13100	190	250	0.130	960	X027a		
IXFK 80N60P3	80	0.070	13100	190	250	0.096	1300	X020a		
IXFX 80N60P3	80	0.070	13100	190	250	0.096	1300	X015a		
IXFN 110N60P3	90	0.056	18000	245	250	0.083	1500	X027a		
IXFB 110N60P3	110	0.056	18000	245	250	0.066	1890	X021a		



PolarP3™ Power MOSFET

with Current & Temperature Sensing in SMPD Package

Part Type	V_{DS}	$I_{D(cont)}$ Chip	$R_{DS(on)}$	C_{iss}	Q_g	t_{rr}	R_{thJC}	P_D	Fig. No.
	V	$T_C = 25^\circ C$ A	$T_J = 25^\circ C$ Ω	typ. pF	typ. nC	typ. ns	K/W	W	
MMIX 1T132N50P3	500	63	0.043	18600	267	600	0.24	520	X031a

