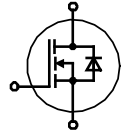
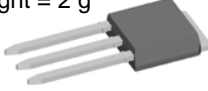

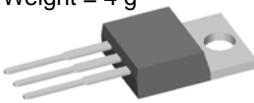

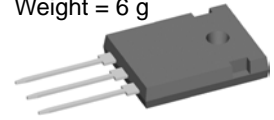


# Legacy (Standard) N-Channel Power MOSFET

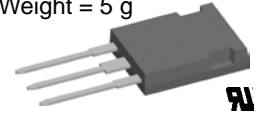


Part Type	V <sub>DSS</sub>	I <sub>D(cont)</sub> T <sub>C</sub> = 25°C	R <sub>DS(on)</sub> T <sub>J</sub> = 25°C	C <sub>iss</sub> typ.	Q <sub>g</sub> typ.	t <sub>rr</sub> typ.	R <sub>thJC</sub>	P <sub>D</sub>	Fig. No.	Package style
➤ New	V	A	Ω	F	nC	ns	K/W	W		Outline drawings on pages O-30...O-52
IXTA 1N80	800	1	11	220	8.5	710	3.10	40	X011b	X003 <b>TO-251AA</b> Weight = 2 g 
IXTP 1N80		1	11	220	8.5	710	3.10	40	X005a	
IXTY 1N80		1	11	220	8.5	710	3.10	40	X004	
IXTA 2N80		2	6.2	440	22	510	2.30	54	X011b	
IXTP 2N80		2	6.2	440	22	510	2.30	54	X005a	
IXTU 01N100	1000	0.1	80	60	8	1500	3.00	25	X003	X004 <b>TO-252AA</b> Weight = 0.3 g 
IXTY 01N100		0.1	80	60	8	1500	3.00	25	X004	
IXTA 1N100		1.5	11	480	23	710	2.30	52	X011b	
IXTH 1N100		1.5	11	480	23	710	2.30	60	X014a	
IXTP 1N100		1.5	11	480	23	710	2.30	54	X005a	
IXTT 1N100		1.5	11	480	23	710	2.30	60	X019	X005a <b>TO-220AB</b> Weight = 4 g 
IXTP 2N100		2	7	825	40	1000	1.25	100	X005a	
IXTA 05N100		0.75	15	220	8.5	710	3.10	40	X011b	
IXTP 05N100		0.75	15	220	8.5	710	3.10	40	X005a	
IXTA 3N120	1200	3	4.5	1050	39	700	0.80	150	X011b	X011b <b>TO-263AB</b> Weight = 2 g 
IXTH 3N120		3	4.5	1100	42	700	0.62	200	X014a	
IXTP 3N120		3	4.5	1050	39	700	0.80	150	X005a	
IXTH 6N120		6	2.4	1950	56	850	0.42	300	X014a	
IXTT 6N120		6	2.4	1950	56	850	0.42	300	X019	
IXTH 12N120		12	1.4	3400	95	850	0.27	460	X014a	


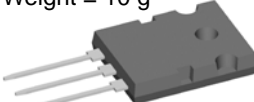

X014a **TO-247AD**  
Weight = 6 g



X016a **ISOPLUS247™**  
Weight = 5 g



## HiPerFET™ Power MOSFET with Fast Intrinsic Diode

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
➤ New	V	A	Ω	F	nC	ns	K/W	W		Outline drawings on pages O-30...O-52
IXFK 180N07	70	180	0.006	9400	420	250	0.22	568	X020a	X019 <b>TO-268AA</b> Weight = 5 g 
IXFN 180N07		180	0.007	9000	480	150	0.24	521	X027a	
IXFX 180N07		180	0.006	9400	420	250	0.22	568	X015a	
IXFN 340N07		340	0.004	12200	490	200	0.18	694	X027a	
IXFK 180N10	100	180	0.008	9100	360	250	0.22	568	X020a	X020a <b>TO-264</b> Weight = 10 g 
IXFN 180N10		180	0.008	9100	360	250	0.21	595	X027a	
IXFX 180N10		180	0.008	9100	360	250	0.22	568	X015a	
IXFN 230N10		230	0.007	21000	690	250	0.18	694	X027a	
IXFK 44N60	600	44	0.13	8900	330	250	0.22	568	X020a	X027a <b>SOT-227B miniBLOC</b> Weight = 30 g 
IXFN 44N60		44	0.13	8900	330	250	0.22	568	X027a	
IXFR 44N60		38	0.13	8900	330	250	0.30	417	X016a	
IXFX 44N60		44	0.13	8900	330	250	0.22	568	X015a	
IXFK 24N100	1000	24	0.39	7000	250	250	0.22	568	X020a	
IXFN 24N100		24	0.39	7000	250	250	0.21	595	X027a	
IXFX 24N100		24	0.39	7000	250	250	0.22	568	X015a	
IXFN 34N100		34	0.28	9200	380	180	0.18	694	X027a	
IXFN 36N100		36	0.24	9200	380	180	0.18	694	X027a	
IXFA 3N120	1200	3	4.5	1050	39	250	0.62	200	X011b	
IXFP 3N120		3	4.5	1050	39	250	0.62	200	X005a	