
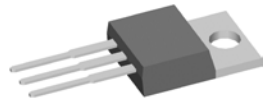
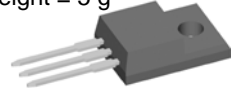

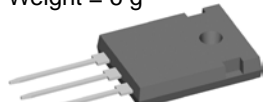
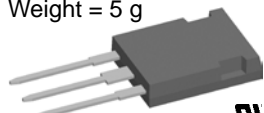
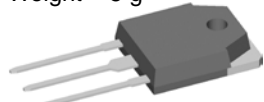



# Polar™ N-Channel Power MOSFETs

## Low 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> typ.	R <sub>thJC</sub>	P <sub>D</sub> W	Fig. No.	Package style Outline drawings on pages O-30...O-52		
➤ New	V	A	Ω	pF	nC	ns	K/W	W				
IXTA 110N055P	55	110	0.014	2210	76.0	80	0.38	390	X011b	X004 Weight = 0.3 g 		
IOTP 110N055P		110	0.014	2210	76.0	80	0.38	390	X005a			
IXTQ 110N055P		110	0.014	2210	76.0	80	0.38	390	X017a			
IXTQ 150N06P	60	150	0.010	3000	118.0	90	0.31	480	X017a	X005a Weight = 4 g 		
IXTQ 200N06P		200	0.006	5400	200.0	90	0.21	714	X017a			
IXTA 75N10P	100	75	0.025	2250	74.0	120	0.42	360	X011b	X007a Weight = 5 g 		
IOTP 75N10P		75	0.025	2250	74.0	120	0.42	360	X005a			
IXTQ 75N10P		75	0.025	2250	74.0	120	0.42	360	X017a			
IXTQ 110N10P		110	0.015	3550	110.0	130	0.31	480	X017a			
IXTT 110N10P		110	0.015	3550	110.0	130	0.31	480	X019			
<b>IATR 200N10P</b>		<b>120</b>	<b>0.008</b>	<b>7600</b>	<b>235.0</b>	<b>100</b>	<b>0.50</b>	<b>300</b>	<b>X016a</b>			
IXTQ 140N10P		140	0.011	4700	155.0	120	0.25	600	X017a			
IXTT 140N10P		140	0.011	4700	155.0	120	0.25	600	X019			
IXTK 170N10P		170	0.009	6000	198.0	120	0.21	714	X020a			
IXTQ 170N10P		170	0.009	6000	198.0	120	0.21	714	X017a			
IXTT 170N10P	170	0.009	6000	198.0	120	0.21	714	X019				
IXTK 200N10P	200	0.008	7600	240.0	100	0.18	800	X020a				
IXTA 62N15P	150	62	0.040	2250	70.0	150	0.42	350	X011b	X011b Weight = 2 g 		
IOTP 62N15P		62	0.040	2250	70.0	150	0.42	350	X005a			
IXTQ 62N15P		62	0.040	2250	70.0	150	0.42	350	X017a			
IXTQ 96N15P		96	0.024	3500	110.0	150	0.31	480	X017a			
IXTT 96N15P		96	0.024	3500	110.0	150	0.31	480	X019			
IXTQ 120N15P		120	0.016	4900	150.0	150	0.25	600	X017a			
IXTT 120N15P		120	0.016	4900	150.0	150	0.25	600	X019			
IXTK 150N15P		150	0.013	5800	190.0	150	0.21	714	X020a			
IXTQ 150N15P		150	0.013	5800	190.0	150	0.21	714	X017a			
IXTK 180N15P		180	0.010	7000	240.0	150	0.18	800	X020a			
IOTP 50N20PM		200	20	0.060	2250	70.0	150	2.00	90		X007a	X014a Weight = 6 g 
IXTA 50N20P			50	0.060	2250	70.0	150	0.42	360		X011b	
IOTP 50N20P	50		0.060	2250	70.0	150	0.42	360	X005a			
IXTQ 50N20P	50		0.060	2250	70.0	150	0.42	360	X017a			
IXTQ 74N20P	74		0.034	3300	107.0	160	0.31	480	X017a			
IXTT 74N20P	74		0.034	3300	107.0	160	0.31	480	X019			
IXTH 96N20P	96		0.024	4800	145.0	160	0.25	600	X014a			
IXTQ 96N20P	96		0.024	4800	145.0	160	0.25	600	X017a			
IXTT 96N20P	96		0.024	4800	145.0	160	0.25	600	X019			
IXTK 120N20P	120		0.022	6000	152.0	180	0.21	714	X020a			
IXTQ 120N20P	120		0.022	6000	152.0	180	0.21	714	X017a			
IXTK 140N20P	140		0.018	7500	240.0	180	0.18	800	X020a			
IXTA 42N25P	250		42	0.084	2300	70.0	200	0.42	300	X011b	X016a Weight = 5 g 	
IOTP 42N25P			42	0.084	2300	70.0	200	0.42	300	X005a		
IXTQ 42N25P		42	0.084	2300	70.0	200	0.42	300	X017a			
IXTQ 64N25P		64	0.049	3450	105.0	200	0.31	400	X017a			
IXTT 64N25P		64	0.049	3450	105.0	200	0.31	400	X019			
IXTK 82N25P		82	0.035	4800	142.0	200	0.25	500	X020a			
IXTQ 82N25P		82	0.035	4800	142.0	200	0.25	500	X017a			
IXTT 82N25P		82	0.035	4800	142.0	200	0.25	500	X019			
IXTK 100N25P		100	0.027	6300	185.0	200	0.21	600	X020a			
IXTQ 100N25P		100	0.027	6300	185.0	200	0.21	600	X017a			
IXTT 100N25P		100	0.027	6300	185.0	200	0.21	600	X019			
IXTK 120N25P		120	0.024	8000	185.0	200	0.18	700	X020a			
IXTA 36N30P		300	36	0.110	2250	70.0	250	0.42	300	X011b		X017a Weight = 5 g 
IOTP 36N30P			36	0.110	2250	70.0	250	0.42	300	X005a		
IXTQ 36N30P	36		0.110	2250	70.0	250	0.42	300	X017a			
IXTQ 52N30P	52		0.066	3490	110.0	250	0.31	400	X017a			
IXTT 52N30P	52		0.066	3490	110.0	250	0.31	400	X019			
IXTQ 69N30P	69		0.049	4960	156.0	250	0.25	500	X017a			
IXTT 69N30P	69		0.049	4960	156.0	250	0.25	500	X019			
IXTH 88N30P	88		0.040	6300	180.0	250	0.21	600	X014a			
IXTK 88N30P	88		0.040	6300	180.0	250	0.21	600	X020a			
IXTQ 88N30P	88		0.040	6300	180.0	250	0.21	600	X017a			
IXTT 88N30P	88		0.040	6300	180.0	250	0.21	600	X019			
IXTK 102N30P	102		0.033	7500	224.0	250	0.18	700	X020a			
IOTP 1R6N50P	500		1.6	6.500	140	3.9	400	2.90	43	X005a	X019 Weight = 3 g 	
IOTY 1R6N50P			1.6	6.500	140	3.9	400	2.90	43	X004		
IOTP 2R4N50P		2.4	3.750	240	6.1	400	2.25	55	X005a			
IOTY 2R4N50P		2.4	3.750	240	6.1	400	2.25	55	X004			
IXTA 3N50P		3.6	2.000	409	9.3	400	1.80	70	X011b			
										X020a Weight = 10 g 