

Polar™ N-Channel Power MOSFETs

High Voltage Types

Part Type	V _{DSS}	I _{D(cont)} T _C = 25°C	R _{DS(on)} T _J = 25°C	C _{iss} typ.	Q _g typ.	t _{rr} typ.	R _{thJC}	P _D	Fig. No.	Package style Outline drawings on pages O-30...O-52	
➤ New	V	A	Ω	pF	nC	ns	K/W	W			
IXTQ 18N60P	600	18	0.420	2500	49.0	500	0.35	360	X017a	X003 Weight = 2 g	
➤ IXTV 18N60P		18	0.420	2500	49.0	500	0.35	360	X009a		
IXTV 18N60PS		18	0.420	2500	49.0	500	0.35	360	X013		
IXTQ 22N60P		22	0.350	3600	62.0	500	0.31	400	X017a		
➤ IXTV 22N60P		22	0.350	3600	62.0	500	0.31	400	X009a		
IXTV 22N60PS		22	0.350	3600	62.0	500	0.31	400	X013		
IXTH 26N60P		26	0.270	4150	72.0	500	0.27	460	X014a	X004 Weight = 0.3 g	
IXTQ 26N60P		26	0.270	4150	72.0	500	0.27	460	X017a		
IXTT 26N60P		26	0.270	4150	72.0	500	0.27	460	X019		
IXTV 26N60P		26	0.270	4150	72.0	500	0.27	460	X009a	X005a Weight = 4 g	
IXTV 26N60PS		26	0.270	4150	72.0	500	0.27	460	X013		
IXTH 30N60P		30	0.240	5050	82.0	500	0.23	540	X014a		
IXTQ 30N60P		30	0.240	5050	82.0	500	0.23	540	X017a	X005a Weight = 4 g	
IXTT 30N60P	30	0.240	5050	82.0	500	0.23	540	X019			
IXTV 30N60P	30	0.240	5050	82.0	500	0.23	540	X009a			
IXTV 30N60PS	30	0.240	5050	82.0	500	0.23	540	X013			
IXTA 2N80P	800	2.0	6.000	450	8.0	600	1.80	70	X011b	X009a Weight = 4 g	
IXTP 2N80P		2.0	6.000	450	8.0	600	1.80	70	X005a		
➤ IXTU 2N80P		2.0	6.000	450	8.0	600	1.80	70	X003		
IXTY 2N80P		2.0	6.000	450	8.0	600	1.80	70	X004		
IXTA 4N80P		3.5	3.000	750	15.0	600	1.25	100	X011b		
IXTP 4N80P	3.5	3.000	750	15.0	600	1.25	100	X005a			
➤ IXTA 08N100P	1000	0.8	20.000	300	11.3	750	3.00	42	X011b	X011b Weight = 2 g	
➤ IXTP 08N100P		0.8	20.000	300	11.3	750	3.00	42	X005a		
➤ IXTY 08N100P		0.8	20.000	300	11.3	750	3.00	42	X004		
➤ IXTA 1N100P		1.0	15.000	400	15.5	750	2.50	50	X011b	X011b Weight = 2 g	
➤ IXTP 1N100P		1.0	15.000	400	15.5	750	2.50	50	X005a		
➤ IXTY 1N100P		1.0	15.000	400	15.5	750	2.50	50	X004		
➤ IXTA 1R4N100P		1.4	11.000	500	17.8	750	2.00	63	X011b	X011b Weight = 2 g	
➤ IXTP 1R4N100P		1.4	11.000	500	17.8	750	2.00	63	X005a		
➤ IXTY 1R4N100P		1.4	11.000	500	17.8	750	2.00	63	X004		
➤ IXTA 2N100P		2.0	7.500	630	24.3	800	1.45	86	X011b	X013 Weight = 2 g	
➤ IXTP 2N100P		2.0	7.500	630	24.3	800	1.45	86	X005a		
➤ IXTY 2N100P		2.0	7.500	630	24.3	800	1.45	86	X004		
➤ IXTA 3N100P		3.0	4.800	1220	39.0	820	1.00	125	X011b	X011b Weight = 2 g	
➤ IXTH 3N100P		3.0	4.800	1220	39.0	820	1.00	125	X014a		
➤ IXTP 3N100P		3.0	4.800	1220	39.0	820	1.00	125	X005a		
➤ IXTA 06N120P	1200	0.6	32.000	270	13.3	900	3.00	42	X011b	X014a Weight = 6 g	
➤ IXTP 06N120P		0.6	32.000	270	13.3	900	3.00	42	X005a		
➤ IXTA 08N120P		0.8	25.000	370	14.0	900	2.50	50	X011b		
➤ IXTP 08N120P		0.8	25.000	370	14.0	900	2.50	50	X005a	X014a Weight = 6 g	
➤ IXTA 1N120P		1.0	20.000	550	17.6	900	2.00	63	X011b		
➤ IXTP 1N120P		1.0	20.000	550	17.6	900	2.00	63	X005a		
➤ IXTA 1R4N120P		1.4	13.000	725	24.8	900	1.45	86	X011b	X011b Weight = 5 g	
➤ IXTP 1R4N120P		1.4	13.000	725	24.8	900	1.45	86	X005a		
➤ IXTA 2R4N120P		2.4	7.500	1207	37.0	920	1.00	125	X011b		
➤ IXTH 2R4N120P		2.4	7.500	1207	37.0	920	1.00	125	X014a	X017a Weight = 5 g	
➤ IXTP 2R4N120P		2.4	7.500	1207	37.0	920	1.00	125	X005a		
											X019 Weight = 5 g