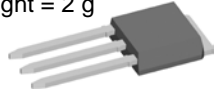

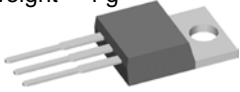

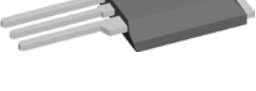

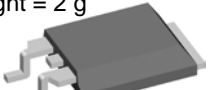

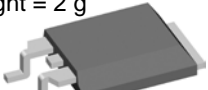
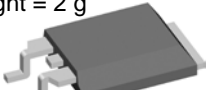
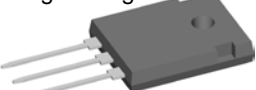
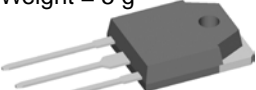
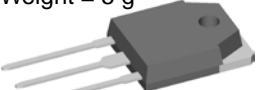



Polar™ N-Channel Power MOSFETs

High Voltage Types

| Part Type | V _{DSS} V | I _{D(cont)} 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-30...O-52 | |
|-----------------|-----------------------|--|---|--------------------------------|------------------------------|-------------------------------|--------------------------|---------------------|----------|--|--|
| ➤ New | | | | | | | | | | | |
| 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 | X009a 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 | X005a 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 | X011b Weight = 5 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 | X017a 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 | X019 Weight = 5 g  | |
| ➤ IXTP 2R4N120P | 2.4 | | 7.500 | 1207 | 37.0 | 920 | 1.00 | 125 | X005a | | |