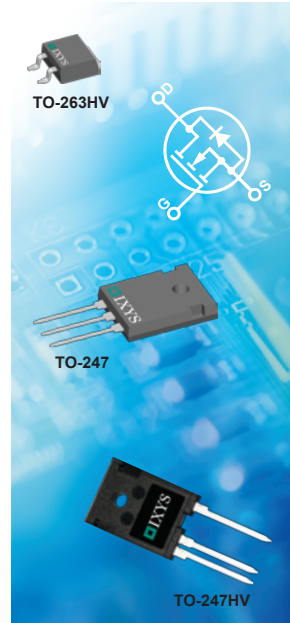


For High Voltage Power Conversion Systems

2000V POWER MOSFETS



Features:

- High blocking voltage
- Proprietary high-voltage packages
- Positive temperature coefficient of $R_{DS(on)}$

ADVANTAGES:

- High power density
- Space savings (eliminates multiple series-connected devices)
- Easy mounting

Applications:

- Capacitor discharge circuits
- High voltage power supplies
- Pulse circuits
- Laser and X-ray generation systems
- High voltage relay disconnect circuits
- CT and MRI scanners
- Ultrasound machines



Part Number	V_{DSS} (V)	I_{D25} $T_c = 25^\circ\text{C}$ (A)	$R_{DS(on)max}$ $T_j = 25^\circ\text{C}$ (Ω)	C_{iss} typ (pF)	$Q_{g(on)}$ typ (nC)	t_{rr} typ (μs)	R_{thjC} max ($^\circ\text{C}/\text{W}$)	P_o max (W)	Package Type
IXTA1N200P3HV	2000	1	40	646	23.5	2.3	1	125	TO-263HV
IXTH1N200P3	2000	1	40	646	23.5	2.3	1	125	TO-247
IXTH1N200P3HV	2000	1	40	646	23.5	2.3	1	125	TO-247HV

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Efficiency Through Technology

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