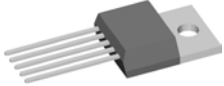
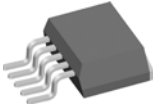




# Integrated Circuits

## Ultra-fast Power MOSFET / IGBT Drivers

Part Number	Output Type	$I_{PK}$ $T_C = 25^\circ\text{C}$ A	Output Resistance $\Omega$	Logic Configuration	Enable Function	Package	Fig. No.	Outline drawings on pages O-30...O-52
IXDF 504SIA IXDI 404SI IXDI 404SI-16 IXDI 404SIA-16 IXDI 504D1 IXDI 504PI IXDI 504SIA IXDN 404SI IXDN 404SI-16 IXDN 404SIA-16 IXDN 504D1 IXDN 504PI IXDN 504SIA	Dual	4	2.5	Non-Inverting & Inverting Inverting Inverting Inverting Inverting Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting		8-pin SOIC 8-pin SOIC-CT 16-pin SOIC-CT(W) 16-pin SOIC(W) 6-pin DFN 4x5 8-pin DIP 8-pin SOIC 8-pin SOIC-CT 16-pin SOIC-CT(W) 16-pin SOIC(W) 6-pin DFN 4x5 8-pin DIP 8-pin SOIC	X512 X512a X515a X515 X531 X502 X512 X512a X515a X515 X531 X502 X512	X006 TO-220 
IXDD 408CI IXDD 408PI IXDD 408SI IXDD 408YI	Single	8	1.5	Non-Inverting Non-Inverting Non-Inverting Non-Inverting	● ● ● ●	5-pin TO-220 8-pin DIP 8-pin SOIC 5-pin TO-263	X006 X502 X512 X012a	X012a TO-263 
IXDD 509D1 IXDD 509PI IXDD 509SIA IXDE 509D1 IXDE 509PI IXDE 509SIA IXDI 409CI IXDI 409SI IXDI 409YI IXDI 509D1 IXDI 509PI IXDI 509SIA IXDN 409CI IXDN 409SI IXDN 409YI IXDN 509D1 IXDN 509PI IXDN 509SIA	Single	9	1 1 1 1 1 1 1.5 1.5 1.5 1 1 1 1 1.5 1.5 1.5 1 1 1	Non-Inverting Non-Inverting Non-Inverting Inverting Inverting Inverting Inverting Inverting Inverting Inverting Inverting Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	6-pin DFN 4x5 8-pin DIP 8-pin SOIC 6-pin DFN 8-pin DIP 8-pin SOIC 5-pin TO-220 8-pin SOIC 5-pin TO-263 6-pin DFN 4x5 8-pin DIP 8-pin SOIC 5-pin TO-220 8-pin SOIC 5-pin TO-263 6-pin DFN 4x5 8-pin DIP 8-pin SOIC	X531 X502 X512 X531 X502 X512 X006 X512 X012a X531 X502 X512 X006 X512 X012a X531 X502 X512	X502 8-pin DIP 
IXDD 414CI IXDD 414SI IXDD 414YI IXDD 514D1 IXDD 514PI IXDD 514SIA IXDE 514D1 IXDE 514PI IXDE 514SIA IXDI 414CI IXDI 414SI IXDI 414YI IXDI 514D1 IXDI 514PI IXDI 514SIA IXDN 414CI	Single	14	1	Non-Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting Non-Inverting Inverting Inverting Inverting Inverting Inverting Inverting Inverting Inverting Inverting Non-Inverting	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	5-pin TO-220 14-pin SOIC 5-pin TO-263 6-pin DFN 4x5 8-pin DIP 8-pin SOIC 6-pin DFN 4x5 8-pin DIP 8-pin SOIC 5-pin TO-220 14-pin SOIC 5-pin TO-263 6-pin DFN 4x5 8-pin DIP 8-pin SOIC 5-pin TO-220	X006 X514 X012a X531 X502 X512 X531 X502 X512 X006 X514 X012a X531 X502 X512 X006	X512(a) 8-pin SOP/SOIC(-CT) 
								X515(a) 16-pin SPO/SOIC(-CT) 