

THE BEST JUST GOT BETTER

IXYS 600V GenX3SC™ - Achieving New Levels of Efficiency

Part Number	Vces	Ic100 tc=25°C	Vce(sat) tj=25°C	t _{fi} (typ) tj=25°C	E _{off} typ tj=125°C	R _{thjc} max	Package Type
IXGR60N60C3C1	600V	30A	2.5V	50ns	0.80mJ	0.73°C/W	ISOPLUS247™
IXGA30N60C3C1	600V	30A	3.0V	47ns	0.33mJ	0.56°C/W	TO-263
IXGP30N60C3C1	600V	30A	3.0V	47ns	0.33mJ	0.56°C/W	TO-220
IXGH30N60C3C1	600V	30A	3.0V	47ns	0.33mJ	0.56°C/W	TO-247
IXGH30N60B3C1	600V	36A	1.8V	100ns	1.50mJ	0.5°C/W	TO-247
IXGH48N60B3C1	600V	48A	1.8V	116ns	1.30mJ	0.42°C/W	TO-247
IXGH48N60C3C1	600V	48A	2.5V	38ns	0.57mJ	0.42°C/W	TO-247

*More parts not listed

*Providing Breakthrough Performance
with GenX3™ IGBT Silicon Carbide Co-Pack Diode*



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Efficiency Through Technology

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