

Product Detail

Part Num: IXGA120N30TC
Description: Trench IGBTs
Configuration: Single
Package Style: TO-263 (D2 PAK)
Status: Active Part
Support Docs: [DataSheet](#)

Parameter	IXGA120N30TC
V _{CES} , (V)	300
I _{CP} , T _J = 150°C, t _p < 10 μs, IGBT, (A)	300
I _{C25} , T _C =25°C, chip capability, IGBT, (A)	120
V _{CE(sat)} , max, T _J =25°C, IGBT, (V)	1.8
C _{iss} , typ, IGBT, (pF)	5600
Q _g , typ, IGBT, (nC)	134
t _{fi} , typ, IGBT, (ns)	24
R _{thJC} , max, IGBT, (°C/W)	0.5
I _{DP} , T _J = 150°C, t _p < 10 μs, (A)	
R _{thJC} , max, Diode, (°C/W)	

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