

Product Detail

Part Num: IXGT40N120B2D1
Description: Mid-Frequency Range (15 kHz - 40 kHz) , IGBT with freewheeling diode
Configuration: Copack (FRD)
Package Style: TO-268
Status: Not for New Designs: Contact the factory for lead times (part is still available for purchase).
Support Docs: [DataSheet](#)

Parameter	IXGT40N120B2D1
V _{CES} , (V)	1200
I _{C25} , T _C =25°C, IGBT, (A)	75
I _{C90} , T _C =90°C, IGBT, (A)	
I _{C110} , T _C =110°C, IGBT, (A)	40
V _{CE(sat)} , max, T _J =25°C, IGBT, (V)	3.5
t _{fi} , typ, IGBT, (ns)	140
E _{off} , typ, T _J =125°C, IGBT, (mJ)	8.3
R _{thJC} , max, IGBT, (°C/W)	0.35
I _F , T _J =110°C, Diode, (A)	30
R _{thJC} , max, Diode, (°C/W)	0.9