

Product Number: IXGX60N60C2D1

Description: G-Series C-Class High Frequency Range (> 40 kHz), IGBT with freewheeling diode (C1, C2 & C3)

Configuration: Copack (FRD)

Package Style: PLUS247

Status: Active Part

Parameter	IXGX60N60C2D1
VCES, (V)	600
IC25, TC=25°C, IGBT, (A)	75
IC90, TC=90°C, IGBT, (A)	
IC110, TC=110°C, IGBT, (A)	60
VCE(sat), max, TJ=25°C, IGBT, (V)	2.5
t _{fi} , typ, IGBT, (ns)	35
E _{off} , typ, TJ=125°C, IGBT, (mJ)	1.2
R _{thJC} , max, IGBT, (°C/W)	0.26
I _F , TJ=110°C, Diode, (A)	60
R _{thJC} , max, Diode, (°C/W)	0.85