

Product Overview

FGH40T65SQD: IGBT, 650 V, 40 A Field Stop Trench

For complete documentation, see the data sheet.

FGH40T65SQD

Applications

- Solar Inverter
- UPS
- Welder

Part Electrical Specifications

Product	Compliance	Status	$V_{ES}^{(BR)C}$ Typ (V)	I_C Max (A)	$V_{CE(sa)}$ Typ (V)	V_F Typ (V)	E_{off} Typ (mJ)	E_{on} Typ (mJ)	T_{rr} Typ (ns)	I_{rr} Typ (A)	Gate Charge Typ (nC)	Short Circuit Withstand (μ s)	E_{AS} Typ (mJ)	P_D Max (W)	Co- Pack aged Diode	Pack age Type
FGH40T65SQD-F155	Pb-free Halide free	Active	650	40	1.6	2.2	0.052	0.138	31.8	-	80	-	-	238	Yes	TO-247-3

For more information please contact your local sales support at www.onsemi.com.

Created on: 2/15/2019