

Product Overview

FGH40T65SH: IGBT, 650 V, 40 A Field Stop Trench

For complete documentation, see the data sheet.

Using novel field stop IGBT technology, Fairchild's new series of field stop 3rd generation IGBTs offer the optimum performance for solar inverter, UPS, welder, telecom, ESS and PFC applications where low conduction and switching losses are essential.

Part Electrical Specifications

Product	Compliance	Status	$V_{ES}^{(BR)C}$ Typ (V)	I_C Max (A)	$V_{GE}^{(sa)}$ 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 Withs tand (μ s)	E_{AS} Typ (mJ)	P_D Max (W)	Co- Pack aged Diode	Pack age Type
FGH40T65SH-F155	Pb-free Halide free	Active	650			-	0.297	1.01	-	-	72.2	-	-	268		TO- 247-3

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

Created on: 2/15/2019