

Product Overview

PCFG40T65SQF: 650V 40A FS4 IGBT Wafer Sales

For complete documentation, see the data sheet.

Using novel field stop IGBT technology, ON semiconductor's new series of field stop 4th generation IGBTs offer the optimum performance for solar inverter and UPS applications where low conduction and switching losses are essential.

Features

- Extremely Efficient Trench with Field Stop Technology
- $T_{Jmax} = 175^{\circ}C$
- Optimized for High Speed Switching

Applications

- Solar Inverters
- UPS Systems

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	$V_{CE(s)}$ Typ (V)	I_C Max (A)	$V_{CE(s)}$ Typ (V)	V_F Typ (V)	E_{off} Typ (mJ)	E_{on} Typ (mJ)	T_{rr} Typ (ns)	I_{rr} Typ (A)	Gate Char ge Typ (nC)	Short Circu it Withs tand (μ s)	E_{AS} Typ (mJ)	P_D Max (W)	Co-Pack aged Diode	Pack age Type
PCFG40T65SQF		Pb-free Halide free	Active		40A	1.6V											

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

Created on: 12/14/2019