

Product Overview

FGPF4565: IGBT, 650 V Field Stop Trench

For complete documentation, see the data sheet.

Using innovative field stop IGBT technology, Fairchild's new series of field stop trench IGBTs offer the optimum performance for IPL (Intense Pulsed Light).

Features

- High Current Capability
- Low Saturation Voltage: $V_{CE(sat)} = 1.5 \text{ V(Typ.) @ } I_C = 30 \text{ A}$
- High Input Impedance
- RoHS Compliant

Part Electrical Specifications

Product	Compliance	Status	$V_{ES}^{(BR)C}$ Typ (V)	I_C Max (A)	$V_{CE(sat)}$ 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
FGPF4565	Pb-free Halide free	Active	650	170	1.5	-	-	-	-	-	40.3	-	-	30	No	TO-220-3 FullPack

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

Created on: 2/21/2019