

Product Overview

FGP5N60LS: IGBT, 600V, 5A, Field Stop

For complete documentation, see the data sheet.

Using novel field stop IGBT technology, Fairchild's new series of field stop IGBTs offer the optimum performance for HID ballast where low conduction losses are essential.

Features

- High current capability
- Low saturation voltage: $V_{CE(sat)} = 1.7V @ I_C = 5A$
- High input impedance
- RoHS compliant

Applications

- Other Industrial

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_r 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
FGP5N60LS	Pb-free	Active	600	5	1.7	-	130	38	-	-	18.3	-	-	83	No	TO-220-3

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

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