

Product Overview

FGB5N60UNDF: 600V, 5A, Short Circuit Rated IGBT

For complete documentation, see the data sheet.

Using advanced NPT IGBT technology, Fairchild's the NPT IGBTs offer the optimum performance for low-power inverter-driven applications where low-losses and short-circuit ruggedness features are essential, such as sewing machine, CNC, motor control and home appliances.

Features

- Short circuit rated 10us
- High current capability
- High input impedance
- Fast switching
- RoHS compliant

Applications

- Motion Control - Home Appliance

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 Withstand (μ s)	E_{AS} Typ (mJ)	P_D Max (W)	Co- Pack aged Diode	Pack age Type
FGB5N60UNDF	Pb-free Halide free	Active	600	5	1.9	1.7	0.07	0.08	87	-	12.1	-	-	73.5	Yes	D2PA K-3 / TO- 263-2

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

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