

## Product Overview

### FGPF15N60UNDF: IGBT, 600V, 15A, Short Circuit Rated

For complete documentation, see the data sheet.

Using advanced NPT IGBT technology, ON Semiconductor'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 10 $\mu$ s
- High current capability
- High input impedance
- Fast switching
- RoHS compliant

### Applications

- Motion Control - Home Appliance

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	V <sub>CE(S)</sub> Typ (V)	I <sub>C</sub> Max (A)	V <sub>CE(s)</sub> Typ (V)	V <sub>F</sub> Typ (V)	E <sub>off</sub> Typ (mJ)	E <sub>on</sub> Typ (mJ)	T <sub>rr</sub> Typ (ns)	I <sub>rr</sub> Typ (A)	Gate Charge Typ (nC)	Short Circuit Withstand ( $\mu$ s)	E <sub>AS</sub> Typ (mJ)	P <sub>D</sub> Max (W)	Co-Packaged Diode	Package Type
FGPF15N60UNDF	0.9129	Pb-free non AEC-Q and PPAP	Active	600	15	2.2	1.6	0.067	0.37	142	-	43	-	-	42	Yes	TO-220-3 FullPak

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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