

Product Overview

TIG056BF: IGBT, N-Channel, 240 A, 430 V

For complete documentation, see the data sheet.

TIG056BF is N-Channel IGBT 430V, 240A, VCE(sat); 3.6V TO-220F-3FS for high power, high speed switching applications.

Features

- Low saturation voltage
- Ultra-high speed switching
- Enhancement type
- Protection diode in

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	Package Type
TIG056BF-1E	Pb-free	Active	430	240	3.6	-	-	-	-	-	-	-	-	30	No	TO-220-3 Full Pack

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

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