



Bipolar NPN Bare Die – BTN6016

Part Description

The BTN6016 is a general purpose NPN Darlington Transistor supplied in bare die form and is a direct replacement for the Zetex / Diodes Inc FZT605.

Key Parameters:

- VCBO = 140V
- VCEO = 120V
- VEBO = 10V
- HFE = 2000 @ VCE = 5V, IC = 1000mA
- VCE SAT = 1.5V @ IC = 1A, IB = 1mA
- fT = 150MHz @ VCE = 10V, IE = 0A
- COBO = 15pF @ VCB = 10V

Features

These high reliability transistors are suited for assembly on thick & thin-film hybrid circuits with high mechanical quality & Gold back metallization. Electrically they are characterized over temperature & supplied in multiple hirel grade options.

Die Size (Unawn)

1000 μ m X 1000 μ m, 39 Mils X 39 Mils

This is a shortform datasheet only

For the full datasheet

Please contact sales@siliconsupplies.com

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