



# Bipolar NPN Bare Die – BTN164

## Part Description

The BTN164 is a general purpose NPN Darlington Transistor supplied in bare die form and is a direct replacement for the Fairchild, ON Semiconductor or Zetex / Diodes Inc MMBTA28.

## Key Parameters:

- VCBO = 80V
- VCEO = 80V
- VEBO = 12V
- HFE = 10000 @ VCE = 5V, IC = 100mA
- VCE SAT = 1.5V @ IC = 0.1A, IB = 0.1mA
- fT = 125MHz @ VCE = 5V, IE = 0A
- COBO = -pF @ VCB = -V

## 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)

680µm X 680µm, 27 Mils X 27 Mils

This is a shortform datasheet only

For the full datasheet

Please contact [sales@siliconsupplies.com](mailto:sales@siliconsupplies.com)

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