



# Bipolar NPN Bare Die – BTN6977

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## Part Description

The BTN6977 is a silicon BJT transistor available in bare die form and well suited for use in general purpose switching and amplifier applications. PNP Complement is BTP6977.

## Key Parameters:

- VCBO = 40V
- VCEO = 40V
- VEBO = 5V
- hFE = 350-680 @ VCE = 2V, IC = 0.1A
- VCE(Sat) = 0.18V @ IC = 1A, IB = 50mA
- fT = 100 MHz @ VCE = 10V, IE = 0A
- COBO = 20pF @ VCB = 10V

## Features

Very Low VCE(sat). Designed to provide performance equivalent to NXP / NEXPERIA PBSS4240T with smaller die size

## Die Size (Unawn)

790µm X 790µm, 31 Mils X 31 Mils

This is a shortform datasheet only

For the full datasheet

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

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