



# Bipolar NPN Bare Die – BTN6905

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## Part Description

The BTN6905 is a silicon BJT transistor available in bare die form and well suited for use in general purpose switching and amplifier applications.

## Key Parameters:

- VCBO = 100V
- VCEO = 100V
- VEBO = 6V
- hFE = 60-240 @ VCE = 2V, IC = 2A
- VCE(Sat) = 1V @ IC = 5A, IB = 500mA
- fT = 90 MHz @ VCE = 10V, IE = 0A
- COBO = 80pF @ VCB = 50V

## Features

Low VCE(sat). Designed to provide performance equivalent to 2N5339

## Die Size (Unawn)

2100µm X 2100µm, 83 Mils X 83 Mils

This is a shortform datasheet only

For the full datasheet

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

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