

## Product Overview

### BC846BDW1: Dual NPN Bipolar Transistor

For complete documentation, see the data sheet.

The Dual NPN Bipolar Transistor is designed for general purpose amplifier applications. It is housed in the SOT-363/SC-88/SC70-6, which is designed for low power surface mount applications.

### Features

- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant
- S and NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat)}^{(I_C)}$ Max (V)	$I_C$ Cont. (A)	$V_{CEO}$ Min (V)	$V_{CBO}$ (V)	$V_{EBO}$ (V)	$V_{BE(sat)}$ (V)	$V_{BE(on)}$ (V)	$h_{FE}$ Min	$h_{FE}$ Max	$f_T$ Min (MHz)	$P_{TM}$ Max (W)	Package Type
BC846BDW1T1G	0.0264	Pb-free Halide free non AEC-Q and PPAP	Active	Dual NPN	General Purpose	0.25	0.1	65	80	6	0.7	0.66	200	450	100	0.38	SC-88-6 / SC-70-6 / SOT-363-6
SBC846BDW1T1G	0.0565	AEC Qualified PPAP Capable Pb-free Halide free	Active	Dual NPN	General Purpose	0.25	0.1	65	80	6	0.7	0.66	200	450	100	0.38	SC-88-6 / SC-70-6 / SOT-363-6

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