

Product Overview

BC546(LEGACY FAIRCHILD): Transistor NPN Silicon Plastic

For complete documentation, see the data sheet.

The NPN Bipolar Transistor is designed for use in linear and switching applications. The device is housed in the TO-92 package, which is designed for medium power applications.

Features

- Pb-Free Package is Available*

Applications

- ESD Protection
- Polarity Reversal Protection
- Data Line Protection
- Inductive Load Protection
- Steering Logic

Benefits

- TBD

End Products

- TBD

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat)}$ Max (V)	I_C Cont. (A)	V_{CE0} Min (V)	V_{CBO} (V)	V_{EBO} (V)	$V_{BE(sat)}$ (V)	V_{BE0} (V)	h_{FE} Min	h_{FE} Max	f_T Min (MHz)	P_{TM} Max (W)	Package Type
BC546BTA	0.0327	Pb-free non AEC-Q and PPAP	Active	NPN	Linear Switching Medium Power	0.6	0.1	65	80	6	0.7	0.55	200	450	150	0.625	TO-92-3 LF
BC546BTF	0.0336	Pb-free non AEC-Q and PPAP	Active	NPN	Linear Switching Medium Power	0.6	0.1	65	80	6	0.7	0.55	200	450	150	0.625	TO-92-3 LF
BC547BTA	0.0249	Pb-free non AEC-Q and PPAP	Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	200	450	300	0.5	TO-92-3 LF
BC547CTFR	0.0341	Pb-free non AEC-Q and PPAP	Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	420	800	300	0.5	TO-92-3 LF
BC548BTA	0.0292	Pb-free non AEC-Q and PPAP	Active	NPN	General Purpose	0.6	0.1	30	30	5	0.9	0.66	200	450	300	0.5	TO-92-3 LF
BC548CTA	0.0292	Pb-free non AEC-Q and PPAP	Active	NPN	General Purpose	0.6	0.1	30	30	5	0.9	0.66	420	800	300	0.5	TO-92-3 LF
BC550CTA	0.0292	Pb-free non AEC-Q and PPAP	Active	NPN	General Purpose	0.6	0.1	45	50	5	0.9	0.66	420	800	300	0.5	TO-92-3 LF

For more information please contact your local sales support at www.onsemi.com.

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