

# BC547

## NPN Epitaxial Silicon Transistor

### Product Overview

For complete documentation, see the data sheet.

BC547

### Features

- High Voltage VCEO=65V
- Low Noise: BC549,BC550
- Complement to BC556...BC560

### Applications

- This product is general usage and suitable for many different applications.

Part Electrical Specifications																	
Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	V <sub>CE(sat)</sub> Max (V)	I <sub>C</sub> Cont. (A)	V <sub>CEO</sub> Min (V)	V <sub>CB0</sub> (V)	V <sub>EB0</sub> (V)	V <sub>BE(sat)</sub> (V)	V <sub>BE(on)</sub> (V)	h <sub>FE</sub> Min	h <sub>FE</sub> Max	f <sub>T</sub> Min (MHz)	P <sub>TM</sub> Max (W)	Package Type
BC547B	0.0555		Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	200	450	150	0.625	TO-92-3
BC547BBU	0.0377		Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	200	450	300		TO-92-3
BC547BTF	0.0417		Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	200	450	300	0.5	TO-92-3 LF
BC547CBU	0.0421		Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	420	800	300	0.5	TO-92-3
BC547CTA	0.0387		Active	NPN	General Purpose	0.6	0.1	45	50	6	0.9	0.66	420	800	300	0.5	TO-92-3 LF