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# Product Information

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BC556; BC557; PNP general purpose transistors

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## General description

PNP transistor in a TO-92; SOT54 plastic package.  
 NPN complements: BC546 and BC547.

## Features

- Low current (max. 100 mA)
- Low voltage (max. 65 V).



## Applications

- General purpose switching and amplification.

[PDF AN00057\\_1: ECO-monitor](#) (date 08-Nov-00)

## Datasheet

Type number	Title	Publication release date	Datasheet status	Page count	File size (kB)
BC556; BC557	PNP general purpose transistors	15-Apr-99	Product specification	8	53

## Parametrics

Type number	Package	hFE min	hFE max	fT min (MHz)	POLARITY	I <sub>c</sub> max (mA)	VCEO max(V)	Ptot max (mW)
BC556	SOT54 (SPT, E-1)	125	475	100	PNP	100	65	500
BC556A	SOT54 (SPT, E-1)	125	250	100	PNP	100	65	500
BC556B	SOT54 (SPT, E-1)	200	475	100	PNP	100	65	500
BC557	SOT54 (SPT, E-1)	125	800	100	PNP	100	45	500
BC557B	SOT54 (SPT, E-1)	220	475	100	PNP	100	45	500
BC557C	SOT54 (SPT, E-1)	420	800	100	PNP	100	45	500

 **Products, packages, availability and ordering**

Type number	North American type number	Ordering code (12NC)	Marking/Packing <a href="#">PDF Discretes packing info</a>	Package	Device status
BC556		9332 055 40116	Standard Marking * Reel Pack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
BC556A	BC556A	9332 436 10112	Standard Marking * Bulk Pack	<a href="#">SOT54</a> (SPT; E-1)	Full production
		9332 436 10126	Standard Marking * Ammopack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
BC556B	BC556B	9332 726 70112	Standard Marking * Bulk Pack	<a href="#">SOT54</a> (SPT; E-1)	Full production
	BC556B T/R	9332 726 70116	Standard Marking * Reel Pack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
		9332 726 70126	Standard Marking * Ammopack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
BC557	BC557	9331 977 10112	Standard Marking * Bulk Pack	<a href="#">SOT54</a> (SPT; E-1)	Full production
	BC557 T/R	9331 977 10116	Standard Marking * Reel Pack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
		9331 977 10126	Standard Marking * Ammopack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
BC557B	BC557B	9332 026 20112	Standard Marking * Bulk Pack	<a href="#">SOT54</a> (SPT; E-1)	Full production
	BC557B T/R	9332 026 20116	Standard Marking * Reel Pack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
	BC557B AMO	9332 026 20126	Standard Marking * Ammopack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
		9332 026 20412	Standard Marking * Bulk Pack, Straight Leads (TO-92)	<a href="#">SOT54</a> (SPT; E-1)	Full production
		9332 026 20699	See specification on order for Marking, Branding, Packing, Etc.	<a href="#">SOT54</a> (SPT; E-1)	Full production
BC557C	BC557C	9336 500 90112	Standard Marking * Bulk Pack	<a href="#">SOT54</a> (SPT; E-1)	Full production
		9336 500 90116	Standard Marking * Reel Pack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production
	BC557C AMO	9336 500 90126	Standard Marking * Ammopack, Radial	<a href="#">SOT54</a> (SPT; E-1)	Full production

Products in the above table are all in production. Some variants are discontinued; [click here](#) on these variants.

### Similar products

[MORE](#) [BC556](#); [BC557](#) links to the similar products page containing an overview of products in function or related to the type number(s) as listed on this page. The similar products page contains products from the same catalog tree(s), relevant selection guides and products from the category.

### Support & tools

[Spice model of BC557B](#)

[Spice model of BC557C](#)

[Spice model of BC556A](#)

[Spice model of BC556B](#)

[PDF](#) [General Application Products 2000 / 2001](#) (date 01-Oct-20)

[PDF](#) [Letter Symbols - Transistors General](#) (date 01-May-99)

### Email/translate this product information

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