

PNP general purpose transistors

BC556; BC557; BC558

FEATURES

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

APPLICATIONS

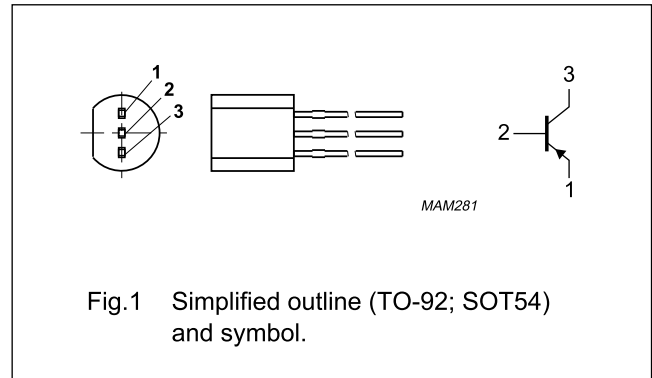
- General purpose switching and amplification.

DESCRIPTION

PNP transistor in a TO-92; SOT54 plastic package.
 NPN complements: BC546, BC547 and BC548.

PINNING

PIN	DESCRIPTION
1	emitter
2	base
3	collector



QUICK REFERENCE DATA

SYMBOL	PARAMETER	CONDITIONS	MIN.	MAX.	UNIT
V _{CB0}	collector-base voltage	open emitter			
	BC556		–	–80	V
	BC557		–	–50	V
V _{CEO}	collector-emitter voltage	open base			
	BC556		–	–65	V
	BC557		–	–45	V
	BC558		–	–30	V
I _{CM}	peak collector current		–	–200	mA
P _{tot}	total power dissipation	T _{amb} ≤ 25 °C	–	500	mW
h _{FE}	DC current gain	I _C = –2 mA; V _{CE} = –5 V			
	BC556		125	475	
	BC557; BC558		125	800	
f _T	transition frequency	I _C = –10 mA; V _{CE} = –5 V; f = 100 MHz	100	–	MHz