



\*<http://ltwiki.org/files/LTspiceIV/Mixed%20Part%20List/Spice-Models-collection/ebipolar.lib>  
.model BC548B NPN(Is=7.049f Xti=3 Eg=1.11 Vaf=62.79 Bf=374.6 Ise=68f Ne=1.576  
+ Ikf=81.57m Xtb=1.5 Br=1 Isc=12.4f Nc=1.835 Ikr=3.924  
+ Rjc=.9747 Cjc=5.25p Mjc=.3147 Vjc=.5697 Fc=.5 Cje=11.5p  
+ Mje=.6715 Vje=.5 Tr=10n Tf=410.2p Itf=1.491 Xtf=40.06 Vtf=10)  
\*<http://ltwiki.org/files/LTspiceIV/Mixed%20Part%20List/Spice-Models-collection/ebipolar.lib>  
.model BC558B PNP(Is=1.02f Xti=3 Eg=1.11 Vaf=52.31 Bf=306.5 Ise=10.27f  
+ Ne=1.764 Ikf=91.85m Xtb=1.5 Br=6.48 Isc=1.472f  
+ Nc=1.294 Ikr=.5584 Rjc=1.086 Cjc=9.81p Mjc=.332 Vjc=.4865 Fc=.5  
+ Cje=30p Mje=.3333 Vje=.5 Tr=10n Tf=613.6p Itf=1.373 Xtf=26.05 Vtf=10)

\*SRC=BZT52C6V2;DI\_BZT52C6V2;Diodes;Zener <=10V; 6.20V 0.500W Diodes Inc.

\*SYM=HZEN

\*<http://www.diodes.com/spicemodels/search.php>

.SUBCKT DI\_BZT52C6V2 1 2

\* Terminals A K

D1 1 2 DF

DZ 3 1 DR

VZ 2 3 5.14

.MODEL DF D ( IS=33.2p RS=34.4 N=1.10

+ CJO=79.4p VJ=0.750 M=0.330 TT=50.1n )

.MODEL DR D ( IS=6.65f RS=2.30 N=1.49)

.ENDS