

PSpice Model

Zener Diode

JCET

BZT52B10



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_BZT52B10_PS
Pin Assign 1:A 2:C
File List Model Library MDC_BZT52B10_PS01.lib
 Model Report MDC_BZT52B10_PS.pdf (this file)

Verified Simulator Version PSpice version 16.6
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

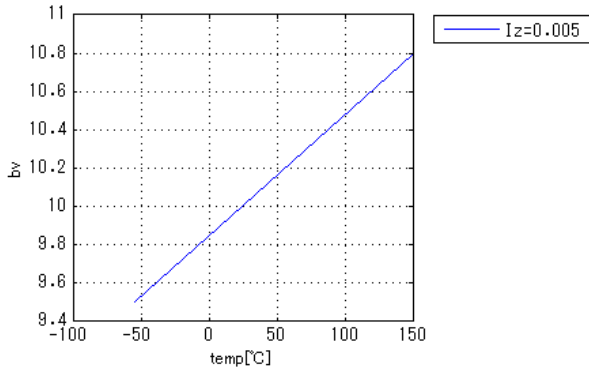
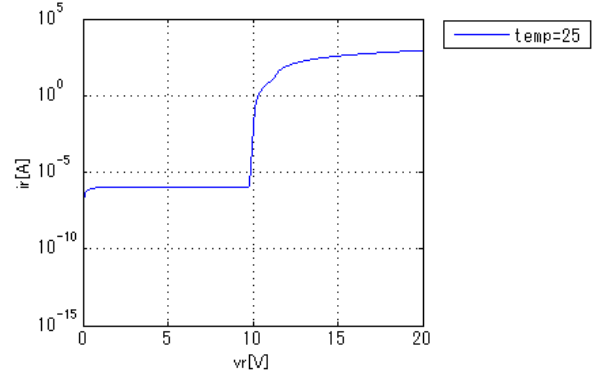
- Date/Version F, Feb, 2017
- Product name BZT52B10
- Company name Jiangsu Changjiang Electronics Technology Co., Ltd.
- Characteristics BvTemp, IrVr(Breakdown)

Simulation Range

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	20	V
Temperature	-55	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

BvTemp**IrVr(Breakdown)**

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