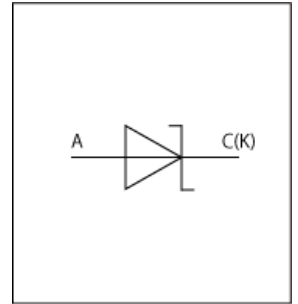


PSpice Model

Zener Diode

TOSHIBA

CRZ18



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_CRZ18_PS
Pin Assign 1:A 2:C
File List Model Library MDC_CRZ18_PS01.lib
 Model Report MDC_CRZ18_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 2014-10-09
- Product name CRZ18
- Company name Toshiba Corporation
- Characteristics BvTemp,IrVr(Breakdown)

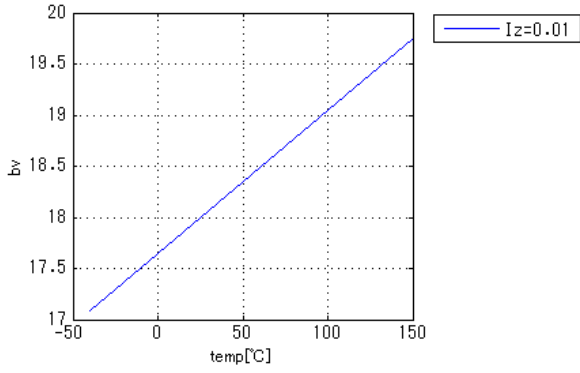
Simulation Range

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

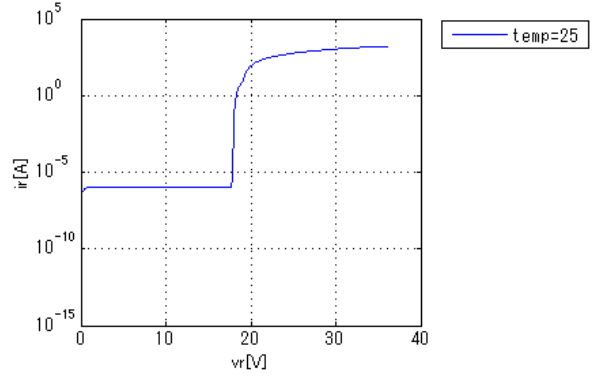
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	36	V
Temperature	-40	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

BvTemp



IrVr(Breakdown)



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