

LTspice Model ESD Protection Diode VISHAY SMBJ170CAHE3

Model Information

 Model
 A macro model based on general SPICE diode model

 Call Name
 MDC_SMBJ170CAHE3_LT

 Pin Assign
 1:A 2:C

 File List
 Model Library
 MDC_SMBJ170CAHE3_LT01.lib

 Model Report
 MDC_SMBJ170CAHE3_LT.pdf (this file)

Verified Simulator Version Note

LTspice version XVII

References

The information which was used for modeling is as follow:

[Data Sheet] • Date/Version • Product name • Company name

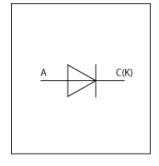
Characteristics

06-Feb-14 SMBJ170CAHE3 Vishay Intertechnology, Inc. IrVr(Breakdown)

Simulation Range

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

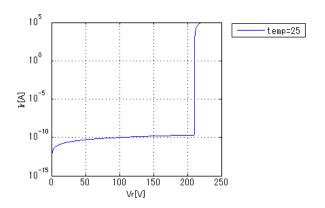
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	420	V
Temperature	-55	to	150	deg C





Simulation results are following. Explanatory notes -: simulated

IrVr(Breakdown)





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