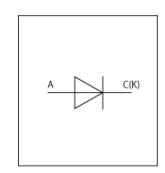


LTspice Model ESD Protection Diode VISHAY SMCJ30CAHE3



Model Information

Model A macro model based on general SPICE diode model

Call Name MDC_SMCJ30CAHE3_LT

Pin Assign 1:A 2:C

File List Model Library MDC_SMCJ30CAHE3_LT01.lib

Model Report MDC_SMCJ30CAHE3_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 10-Dec-13Product name SMCJ30CAHE3

Company name Vishay Intertechnology, Inc.

● Characteristics IrVr(Breakdown)

Simulation Range

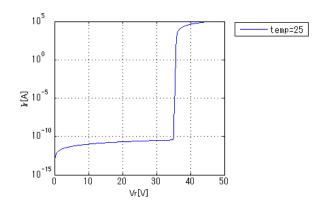
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	70	V
Temperature	-55	to	150	deg C



Simulation results are following. Explanatory notes — : simulated

IrVr(Breakdown)





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