

LTspice Model

ESD Protection Diode

VISHAY

SMC3K28CAHM3



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_SMC3K28CAHM3_LT
Pin Assign 1:A 2:C
File List Model Library MDC_SMC3K28CAHM3_LT01.lib
 Model Report MDC_SMC3K28CAHM3_LT.pdf (this file)

Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version 22-Sep-14
- Product name SMC3K28CAHM3
- Company name Vishay Intertechnology, Inc.
- Characteristics IrVr(Breakdown)

Simulation Range

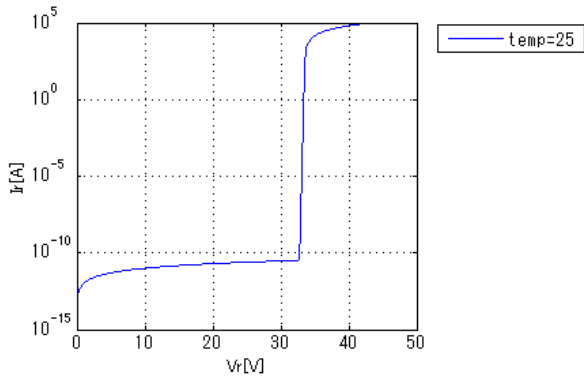
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.	to	Max.	
Reverse Voltage	0	to	66	V
Temperature	-55	to	150	deg C

Simulation results are following.

Explanatory notes — : simulated

IrVr(Breakdown)



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