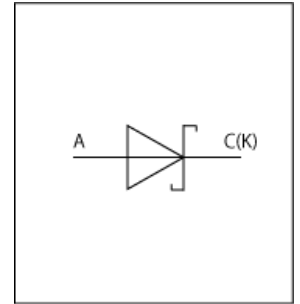


PSpice Model Schottky Diode VISHAY SS12P4CHM3



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_SS12P4CHM3_PS
Pin Assign 1:A 2:C
File List Model Library MDC_SS12P4CHM3_PS01.lib
 Model Report MDC_SS12P4CHM3_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 11-Dec-14
- Product name SS12P4CHM3
- Company name Vishay Intertechnology, Inc.
- Characteristics CjVr,IfVf[Temp],IrVr[Temp]

Simulation Range

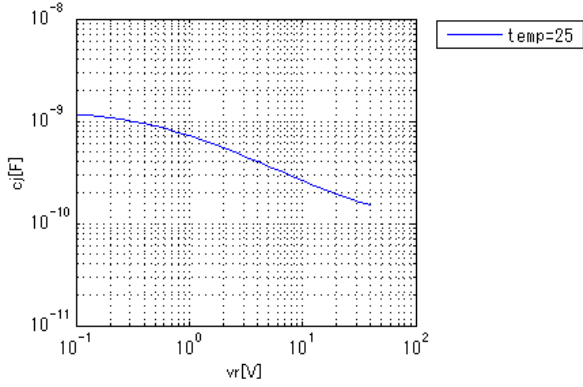
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	9	V
Reverse Voltage	0	to	80	V
Temperature	-55	to	125	deg C

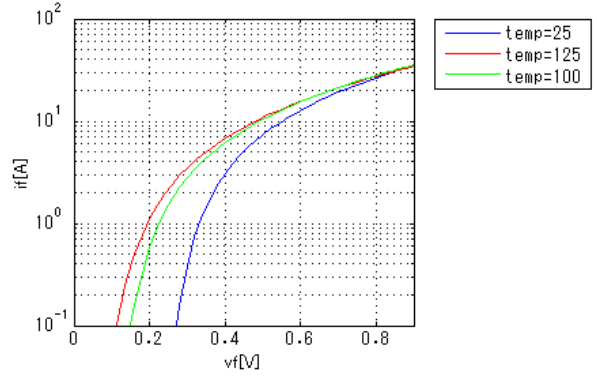
Simulation results are following.
 Explanatory notes — : simulated

CjVr

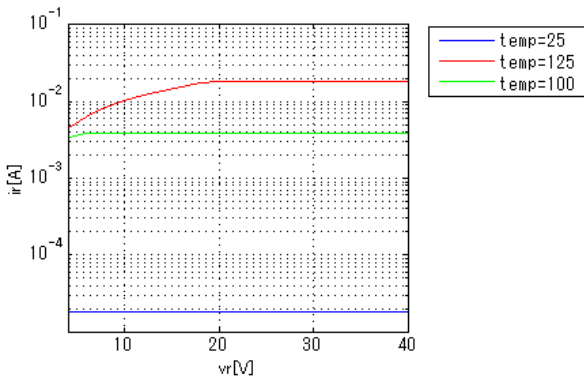
Freq. = 1MHz



IfVf[Temp]



IrVr[Temp]



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