

PSpice Model

Rectifier Diode

SanKen

SHV-08J



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_SHV-08J_PS
Pin Assign 1:A 2:C
File List Model Library MDC_SHV-08J_PS01.lib
 Model Report MDC_SHV-08J_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 April 23, 1996
- Product name SHV-08J
- Company name Sanken Electric Co., Ltd.
- Characteristics IfVf[Temp],IrrVr[Temp]

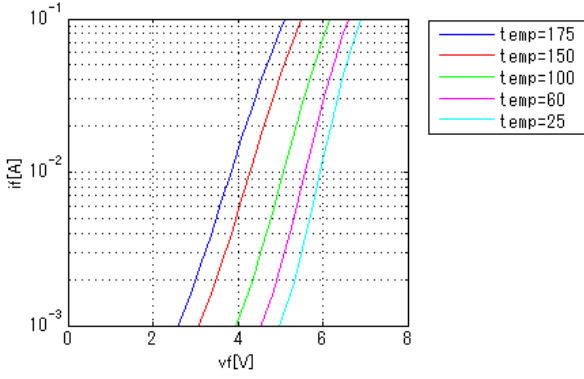
Simulation Range

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

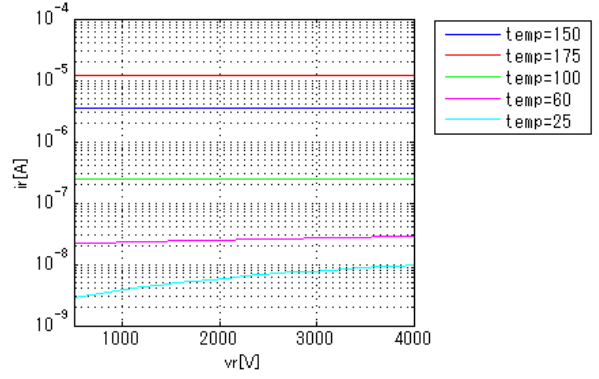
| Item | Range | | | Unit |
|-----------------|-------|----|------|-------|
| | Min. | | Max. | |
| Forward Voltage | 0 | to | 72 | V |
| Reverse Voltage | 0 | to | 8 | V |
| Temperature | -40 | to | 150 | deg C |

Simulation results are following.
 Explanatory notes — : simulated

IfVf[Temp]



IrVr[Temp]



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