

PSpice Model

Zener Diode

Littelfuse

TPSMF4L33A



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_TPSMF4L33A_PS
Pin Assign 1:A 2:C
File List Model Library MDC_TPSMF4L33A_PS01.lib
 Model Report MDC_TPSMF4L33A_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]

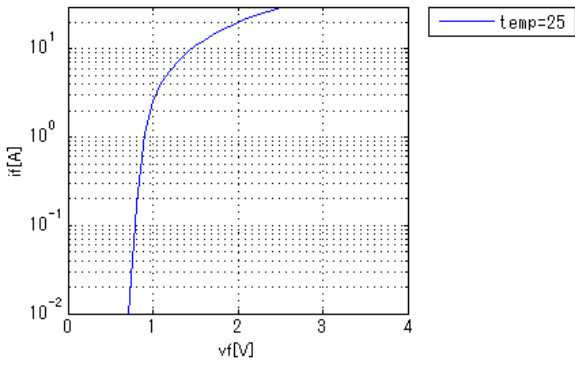
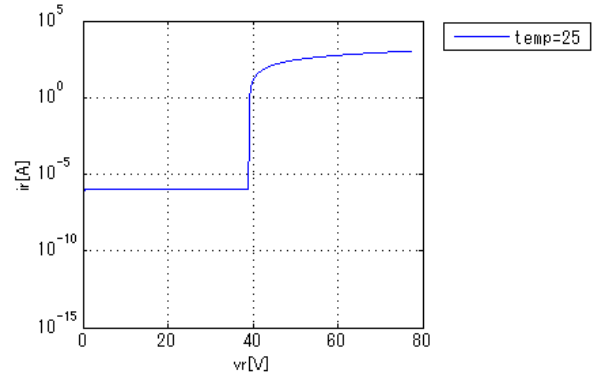
- Date/Version Revised: 08/02/16
- Product name TPSMF4L33A
- Company name Littelfuse, Inc.
- Characteristics IfVf[Temp],Irr(Breakdown)

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.	
Forward Voltage	0	to	27	V
Reverse Voltage	0	to	77.3	V
Temperature	-55	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

IfVf[Temp]**IrVr(Breakdown)**

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