

PSpice Model

Zener Diode

RENESAS

RD16S



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_RD16S_PS
Pin Assign 1:A 2:C
File List Model Library MDC_RD16S_PS01.lib
 Model Report MDC_RD16S_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]

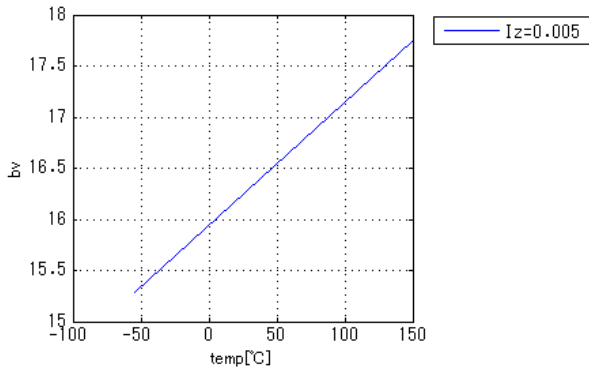
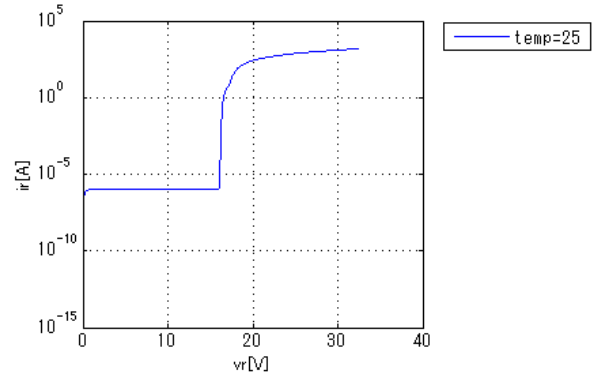
- Date/Version August 2006
- Product name RD16S
- Company name Renesas Electronics Corporation
- Characteristics BvTemp,IrVr(Breakdown)

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	32.45	V
Temperature	-55	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

BvTemp**IrVr(Breakdown)**

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