

MDC_PDZVTR15B_AD

ADS Model Zener Diode ROHM PDZVTR15B

Model Information

 Model
 A macro model based on general SPICE diode model

 Call Name
 MDC_PDZVTR15B_AD

 Pin Assign
 1:C 2:A

 File List
 Model Library
 MDC_PDZVTR15B_AD01.lib

 Model Report
 MDC_PDZVTR15B_AD.pdf (this file)

Verified Simulator Version Note

ADS version 2016

References

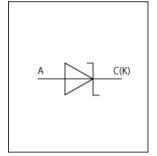
The information which was used for modeling is as follow:

2019/04/19_Rev.005 PDZVTR15B ROHM Co., Ltd. Vrlr[Temp],lrVr[Temp],lfVf[Temp],CjVr

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	16	V
Temperature	-55	to	150	deg C

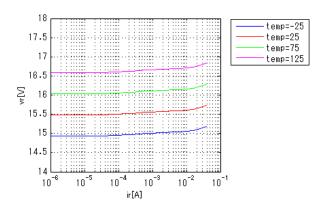


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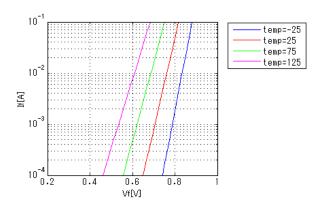
Diode Model Functions Table	RANK=1	O : Implemented × : Not Implemented — : Not applicable
Functions	RANK	Implemented
IF-VF(Temp)	1	0
IR-VR(Temp)	1	0
Capacitance	1	0
Reverse recovery characteristics	1	—
Zz-Iz	1	—
Rectification characteristics(Bridge)	1	—
Surge-Transient	1	_
tlp	1	_



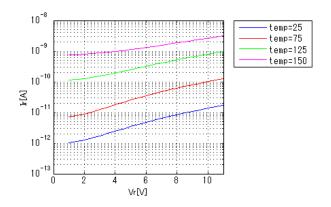
Vrlr[Temp]



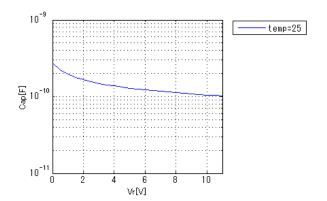
lfVf[Temp]



IrVr[Temp]









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