

LTspice Model

Rectifier Diode

NIEC

20CDA40



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_20CDA40_LT
Pin Assign 1:C 2:A
File List Model Library MDC_20CDA40_LT01.lib
 Model Report MDC_20CDA40_LT.pdf (this file)

Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version August 2016 v01.1
- Product name 20CDA40
- Company name Nihon Inter Electronics Corporation
- Characteristics IfVf[Temp]

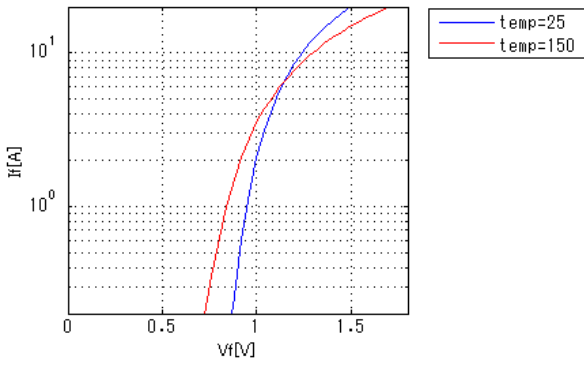
Simulation Range

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	18	V
Reverse Voltage	0	to	800	V
Temperature	-40	to	150	deg C

Simulation results are following.
 Explanatory notes — : simulated

IfVf[Temp]



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