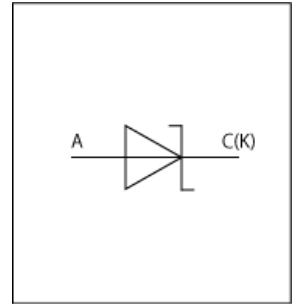


LTspice Model

Zener Diode

Nexperia

NZX24B



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_NZX24B_LT
Pin Assign 1:C 2:A
File List Model Library MDC_NZX24B_LT01.lib
 Model Report MDC_NZX24B_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 Rev. 004
- Product name NZX24B
- Company name Nexperia B.V.
- Characteristics IfVf[Temp],Irr(Breakdown)

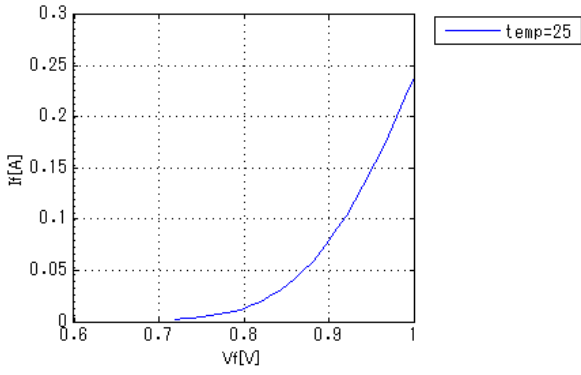
Simulation Range

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

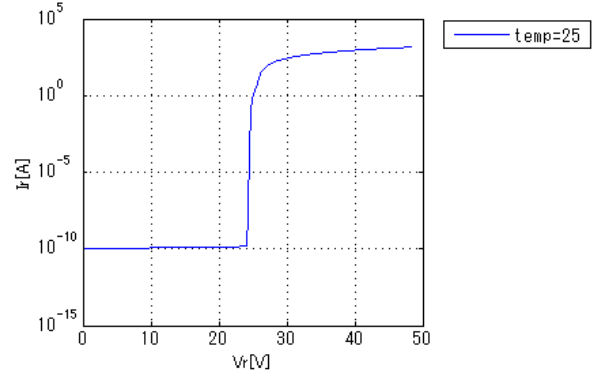
Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	10	V
Reverse Voltage	0	to	48	V
Temperature	-65	to	175	deg C

Simulation results are following.
Explanatory notes — : simulated

IfVf[Temp]



IrVr(Breakdown)



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