

LTspice Model

Zener Diode

Good-Ark

GDRD30EB3-A5



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_GDRD30EB3-A5_LT
Pin Assign 1:A 2:C
File List Model Library MDC_GDRD30EB3-A5_LT01.lib
 Model Report MDC_GDRD30EB3-A5_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 Unknown
- Product name GDRD30EB3-A5
- Company name Suzhou Good-Ark Electronics Co. Ltd.
- Characteristics IrVr[Temp],IrVr(Breakdown)

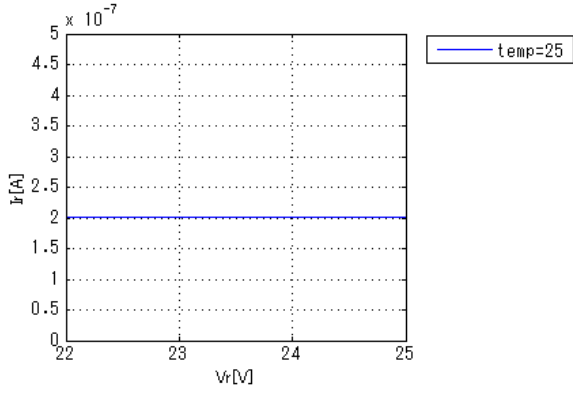
Simulation Range

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

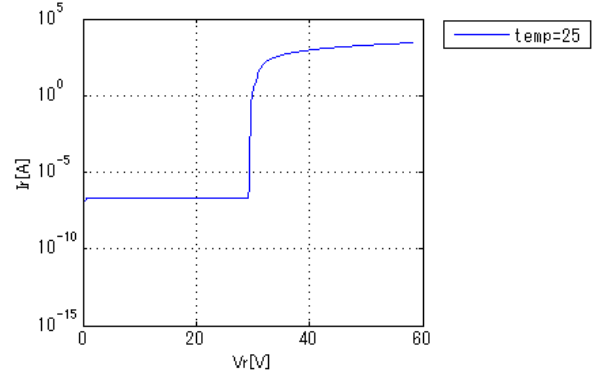
Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	58	V
Temperature	-55	to	175	deg C

Simulation results are following.
 Explanatory notes — : simulated

IrVr[Temp]



IrVr(Breakdown)



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