

PSpice Model

Light Emitting Diode

CITIZEN

CL-170UR



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_CL-170UR_PS
Pin Assign 1:A 2:C
File List Model Library MDC_CL-170UR_PS01.lib
 Model Report MDC_CL-170UR_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 2012.7
- Product name CL-170UR
- Company name CITIZEN ELECTRONICS CO.,LTD.
- Characteristics IfVf[Temp]

Simulation Range

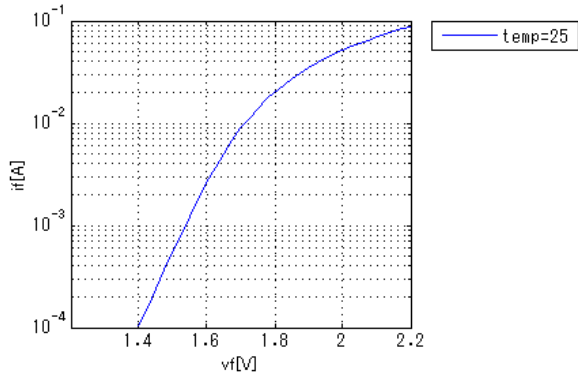
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	22	V
Reverse Voltage	0	to	10	V
Temperature	-30	to	85	deg C

Simulation results are following.

Explanatory notes — : simulated

IfVf[Temp]



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