

PSpice Model

ESD Protection Diode

EIC

SMBJ-LC130A



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_SMBJ-LC130A_PS
Pin Assign 1:A 2:C
File List Model Library MDC_SMBJ-LC130A_PS01.lib
 Model Report MDC_SMBJ-LC130A_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 Rev. 00
- Product name SMBJ-LC130A
- Company name Electronics Industry Public Company Limited
- Characteristics IrVr(Breakdown)

Simulation Range

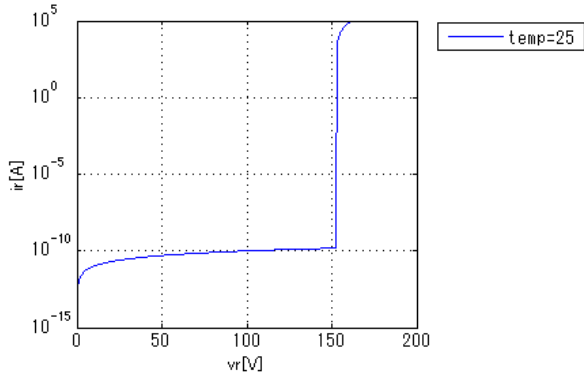
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Reverse Voltage	0	to	304.6	V
Temperature	-55	to	150	deg C

Simulation results are following.

Explanatory notes — : simulated

IrVr(Breakdown)



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