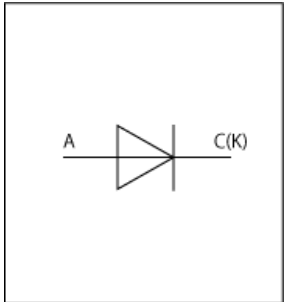


LTspice Model

Rectifier Diode

VISHAY

S8CJHM3



Model Information

Model	A macro model based on general SPICE diode model		
Call Name	MDC_S8CJHM3_LT		
Pin Assign	1:A 2:C		
File List	Model Library	MDC_S8CJHM3_LT01.lib	
	Model Report	MDC_S8CJHM3_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	01-Jul-15
●Product name	S8CJHM3
●Company name	Vishay Intertechnology, Inc.
●Characteristics	IfVf[Temp],Irr[Temp],CjVr

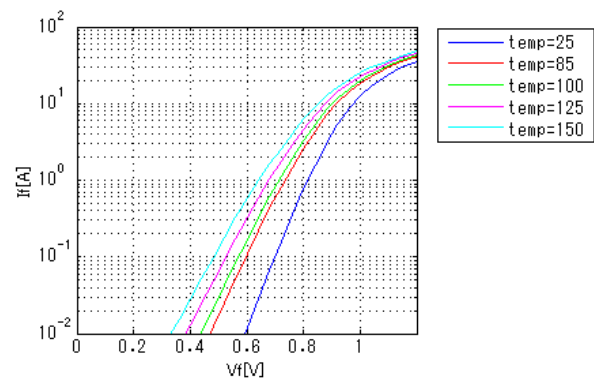
Simulation Range

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

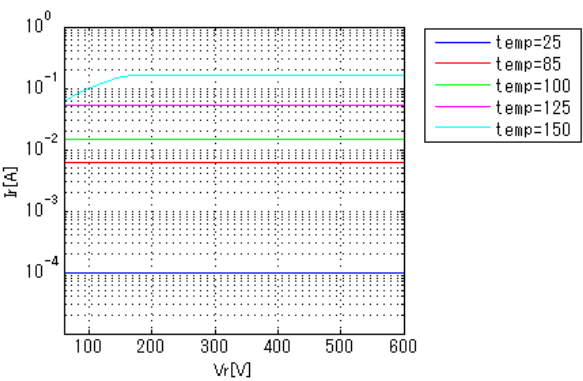
Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	12	V
Reverse Voltage	0	to	1,200	V
Temperature	-55	to	150	deg C

Simulation results are following.
Explanatory notes — : simulated

IfVf[Temp]

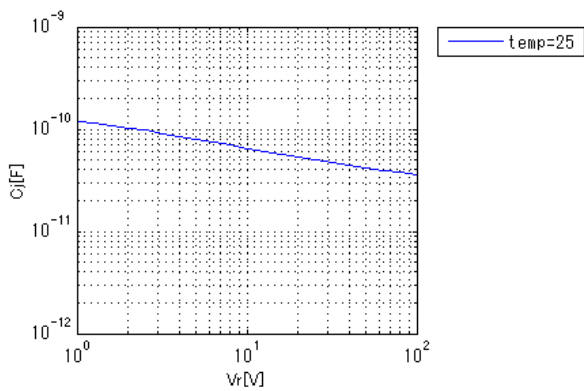


IrVr[Temp]



CjVr

Freq. = 1MHz



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