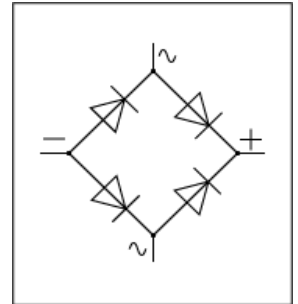


LTspice Model

Bridge Diode

ZHONGHUAN

T15XB80



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_T15XB80_LT
Pin Assign 1:Out+ 2:In1 3:In2 4:Out-
File List Model Library MDC_T15XB80_LT01.lib
 Model Report MDC_T15XB80_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 T15XB80
- Company name Zhonghuan Semiconductor Corporation.
- Characteristics IfVf[Temp],IrVr[Temp],BridgeWaveform

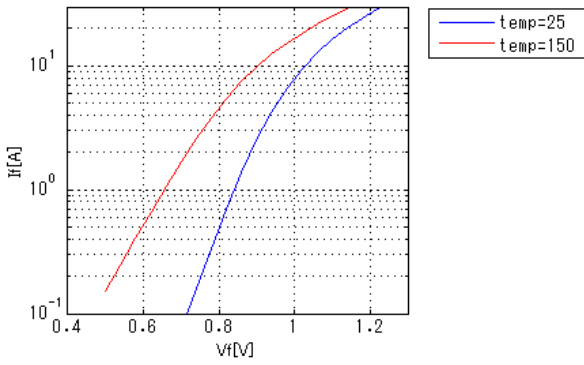
Simulation Range

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

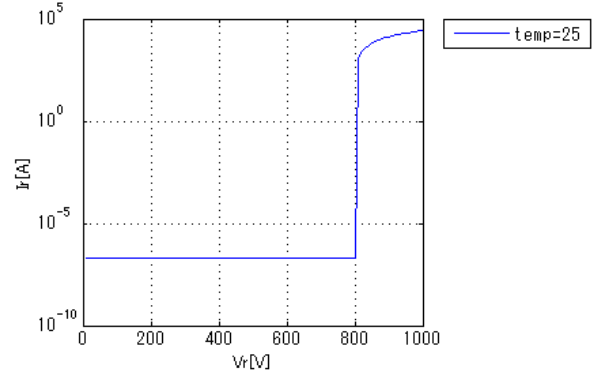
Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	800	V
Temperature	-40	to	150	deg C

Simulation results are following.
 Explanatory notes — : simulated

IfVf[Temp]

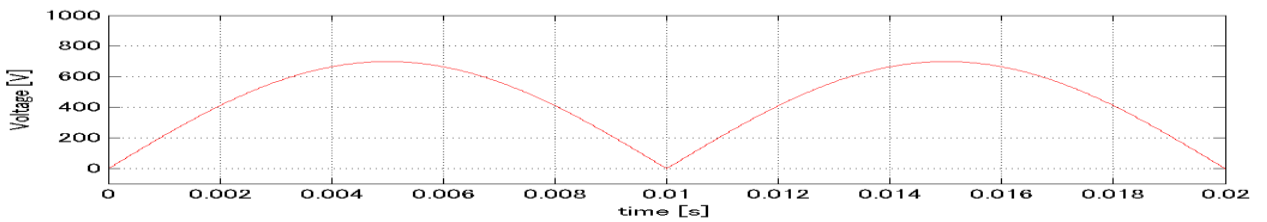
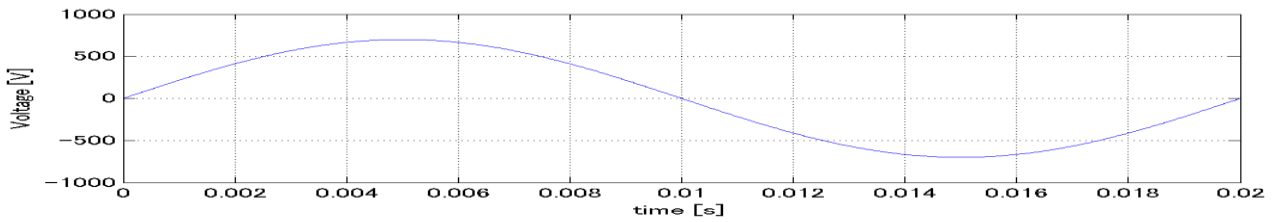


IrVr[Temp]



Bridge Waveform

Input : 700Vp-p RL=1Kohm



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