

# LTspice Model

## TRIAC

### RENESAS

### BCR16CS-16LB

#### Model Information

**Model** A macro model based on general SPICE triac model  
**Call Name** MDC\_BCR16CS-16LB\_LT  
**Pin Assign** 1:MT1 2:MT2 3:GATE 4:MT2  
**File List** Model Library MDC\_BCR16CS-16LB\_LT00.lib  
 Model Report MDC\_BCR16CS-16LB\_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 2.00
- Product name BCR16CS-16LB
- Company name Renesas Electronics Corporation
- Characteristics IfVf[Temp]

#### Simulation Range

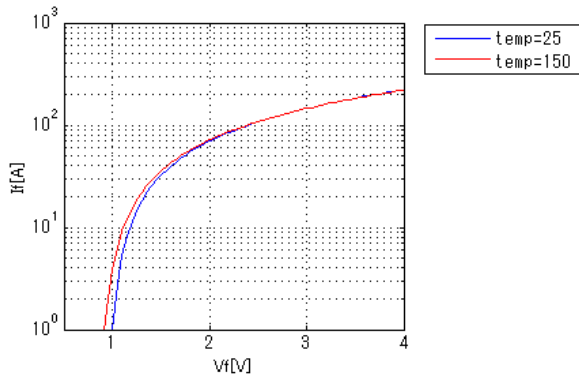
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Temperature	25	to	150	deg C

Simulation results are following.

Explanatory notes — : simulated

### IfVf[Temp]



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