

# LTspice Model

## Buck Converter

### TOREX

### XC9223B081DR-G

#### Model Information

**Model** An original macro model  
**Call Name** MDC\_XC9223B081DR-G\_LT  
**Pin Assign** 1:VIN 2:VDIN 3:AGND 4:VDOUT 5:FB 6:LIM 7:MODE/SYNC 8:CE 9:LX 10:PGND  
**File List** Model Library MDC\_XC9223B081DR-G\_LT01.lib  
 Model Report MDC\_XC9223B081DR-G\_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 XC9223B081DR-G
- Company name TOREX SEMICONDUCTOR LTD.
- Characteristics Transient

#### Simulation Condition

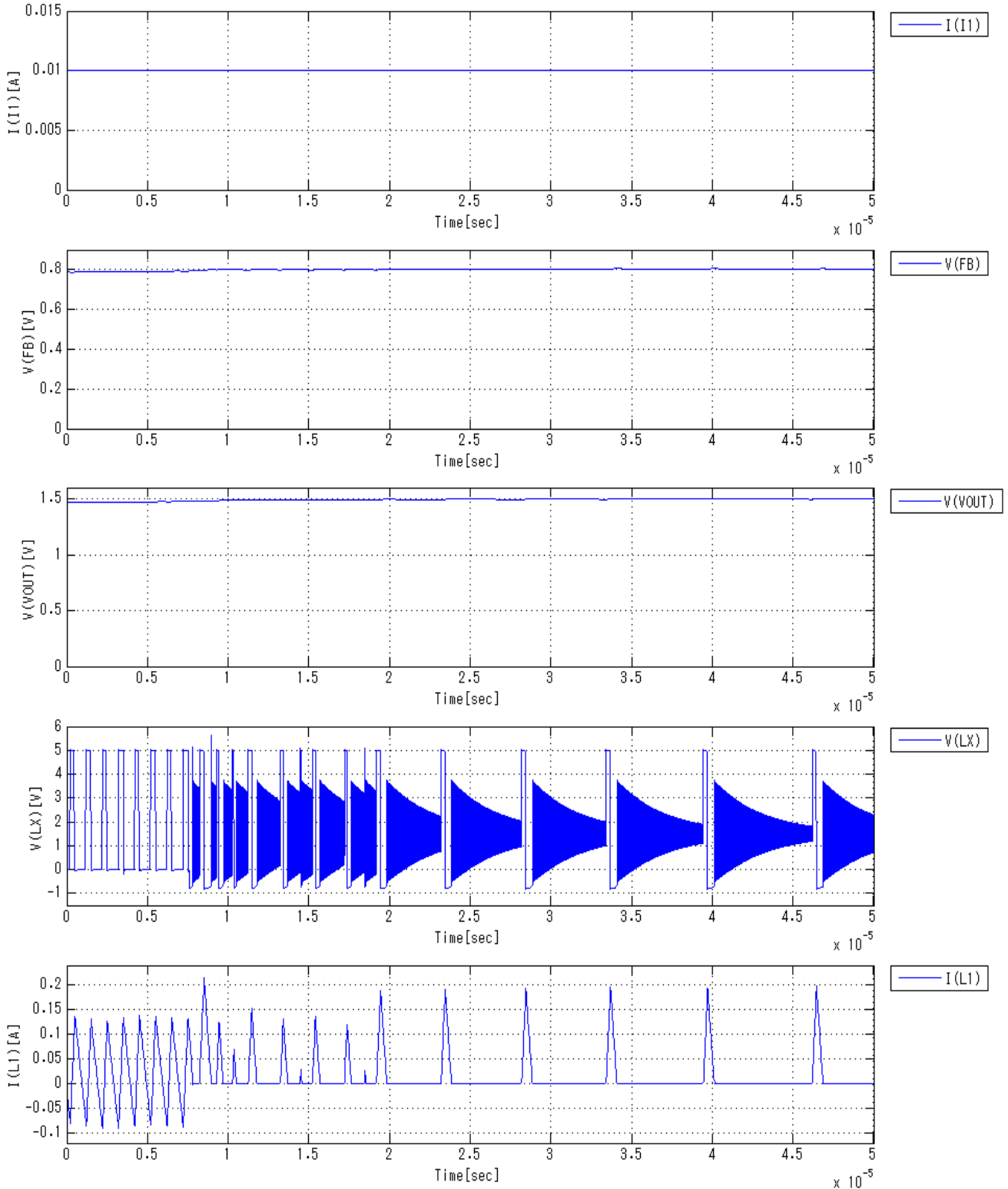
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.  
 Explanatory notes — : simulated

**Transient**

Temp. = 25deg C



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MoDeCH Inc.

Head Office

Location: Mitsuseimei Hachioji Bldg., 5-15 Yokoyama-cho, Hachioji-Shi, Tokyo 192-0081, Japan

Tel:+81-42-656-3360

E-Mail:[model-on-support@modech.co.jp](mailto:model-on-support@modech.co.jp)

URL:<http://www.modech.com/en/>