

# LTspice Model Buck Converter TI TLV62085RLTR

## Model Information

**Model** An original macro model  
**Call Name** MDC\_TLV62085RLTR\_LT  
**Pin Assign** 1:EN 2:PG 3:FB 4:VOS 5:GND 6:SW 7:VIN  
**File List** Model Library MDC\_TLV62085RLTR\_LT01.lib  
 Model Report MDC\_TLV62085RLTR\_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 SLVSD63B-OCTOBER 2015-REVISED JULY 2018
- Product name TLV62085RLTR
- Company name Texas Instruments Inc.
- Characteristics Transient, Line regulation, Load regulation

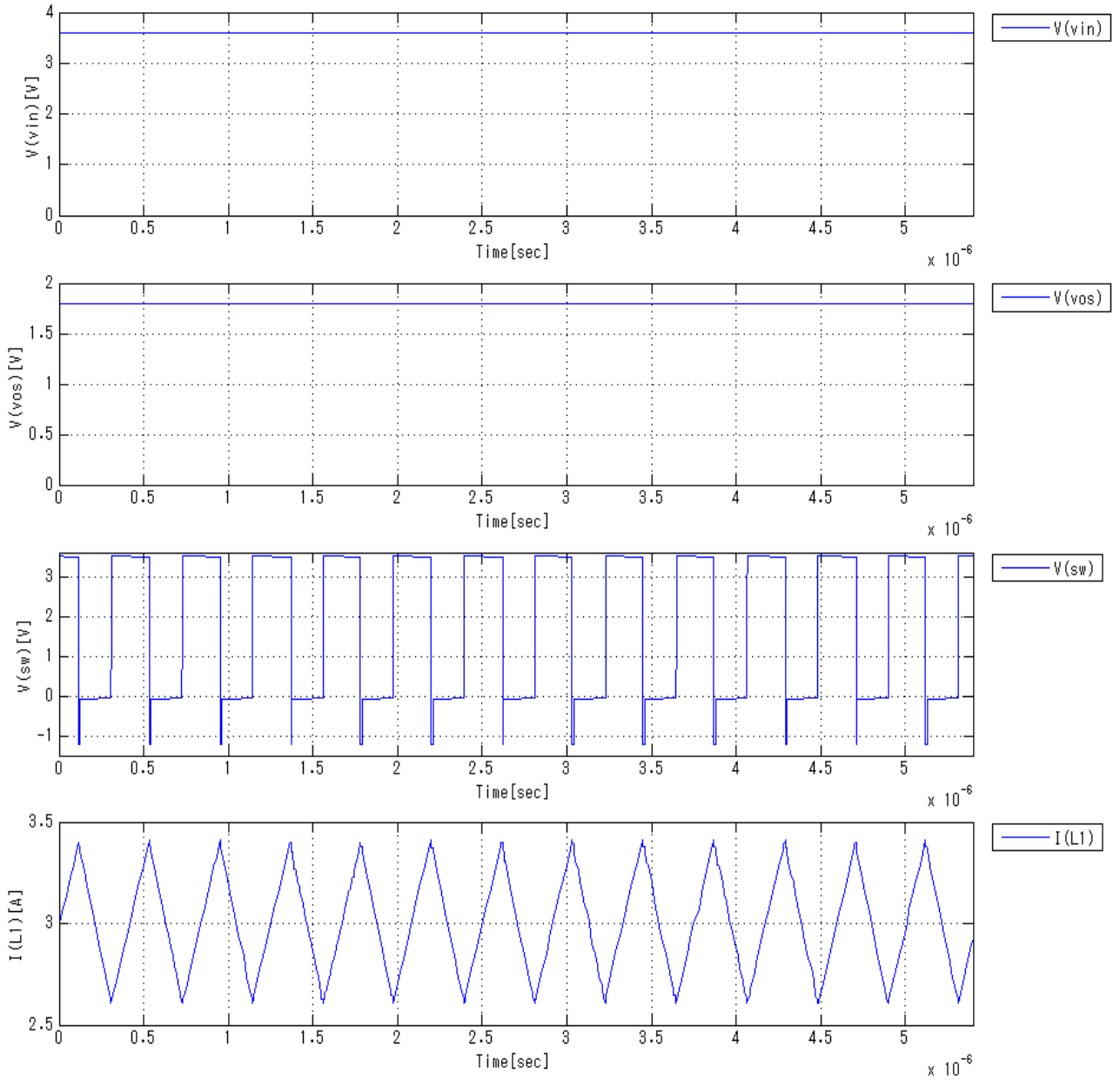
## Simulation Condition

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

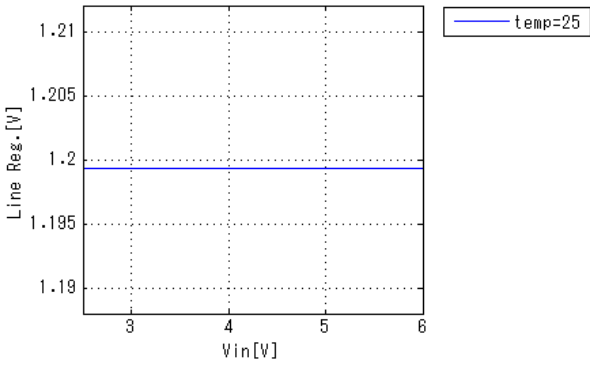
Simulation results are following.  
Explanatory notes — : simulated

Transient

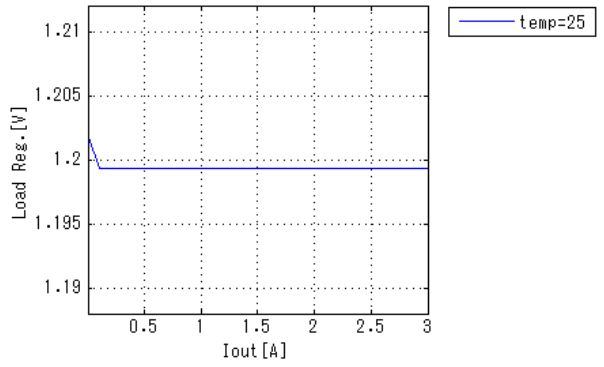


Simulation results are following.  
Explanatory notes — : simulated

**Line regulation**



**Load regulation**



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