

# LTspice Model Buck Converter SanKen STR6A161HZ

## Model Information

**Model** An original macro model  
**Call Name** MDC\_STR6A161HZ\_LT  
**Pin Assign** 1:S/OCp 2:BR 3:GND 4:FB/OLP 5:VCC 7:D/ST 8:D/ST  
**File List** Model Library MDC\_STR6A161HZ\_LT01.lib  
Model Report MDC\_STR6A161HZ\_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 STR6A100HZ-DSJ Rev.1.0
- Product name STR6A161HZ
- Company name Sanken Electric Co., Ltd.
- Characteristics Transient, Transient2

## Simulation Condition

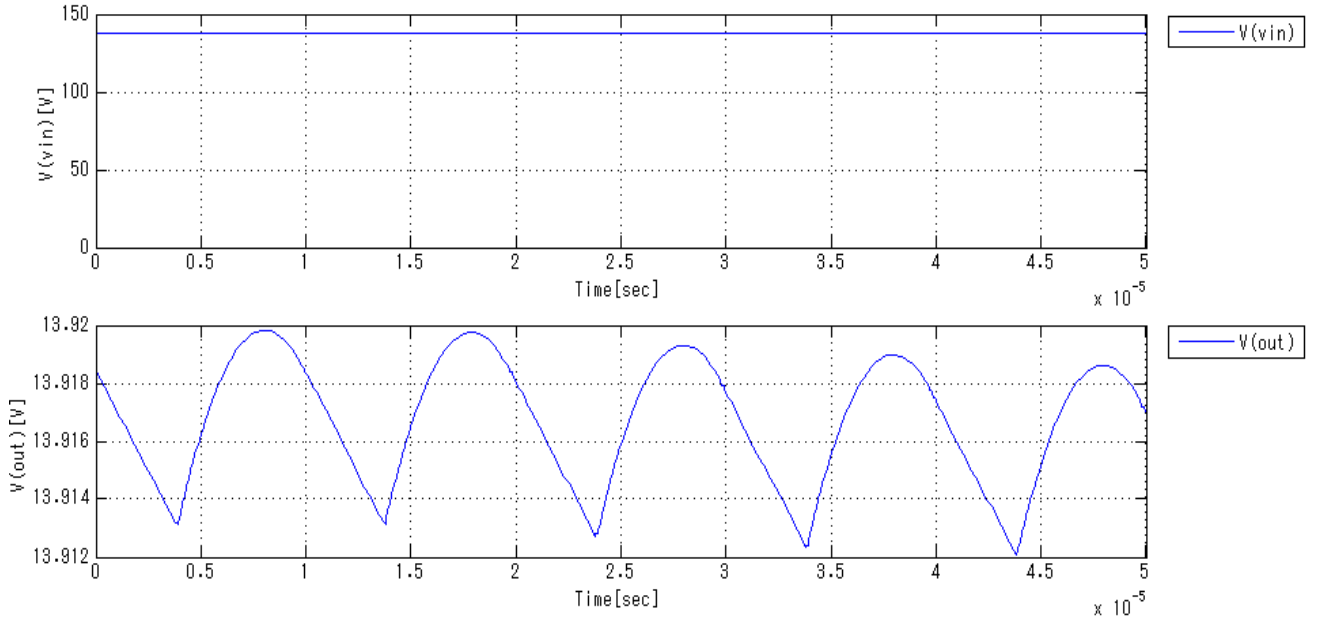
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

| Item        | Condition | Unit  |
|-------------|-----------|-------|
| Temperature | 25        | deg C |

Simulation results are following.  
Explanatory notes — : simulated

**Transient**

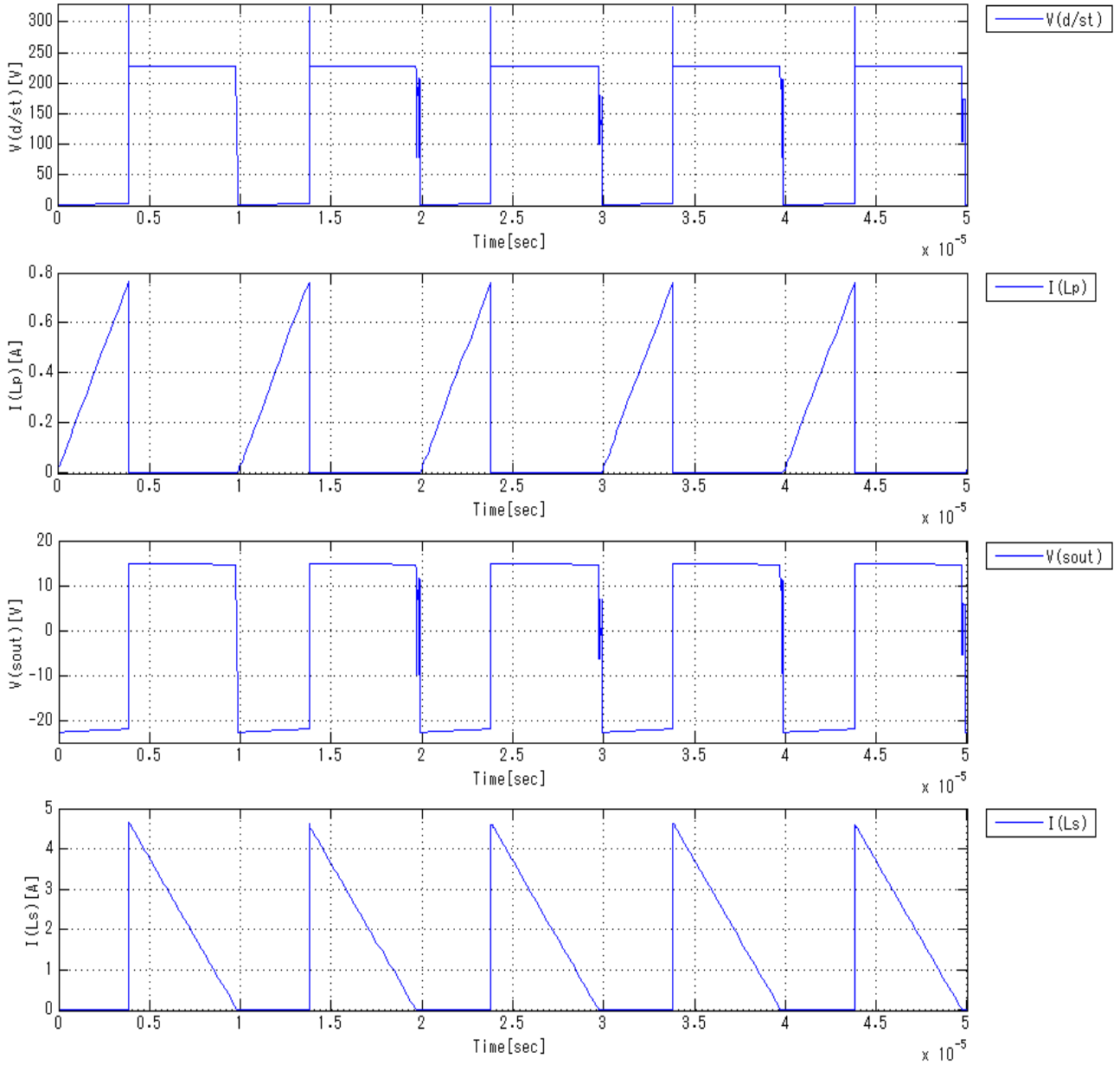
Temp. = 25deg C



Simulation results are following.  
 Explanatory notes — : simulated

**Transient2**

Temp. = 25deg C



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