

LTspice Model Buck Converter SanKen STR6A153MV

Model Information

Model An original macro model
Call Name MDC_STR6A153MV_LT
Pin Assign 1:S/OCp 2:BA 3:GND 4:FB/OLP 5:VCC 7:D/ST 8:D/ST
File List Model Library MDC_STR6A153MV_LT01.lib
Model Report MDC_STR6A153MV_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 1.0
- Product name STR6A153MV
- Company name Sanken Electric Co., Ltd.
- Characteristics Transient,Transient2

Simulation Condition

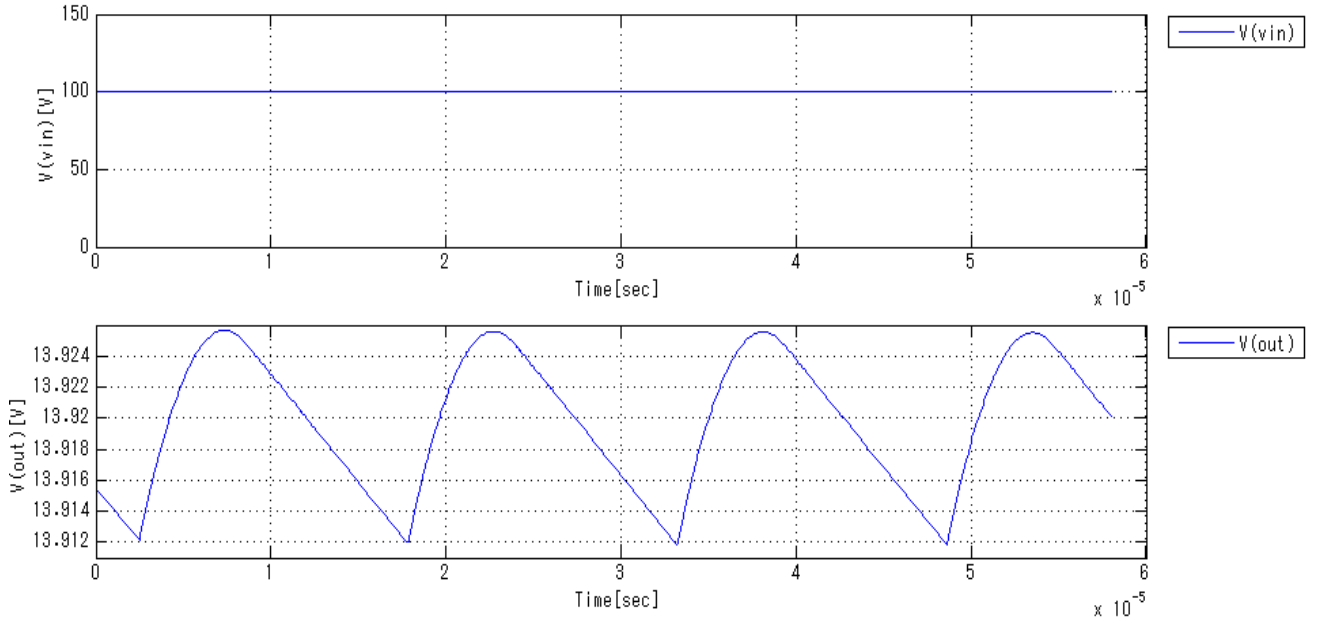
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
Explanatory notes — : simulated

Transient

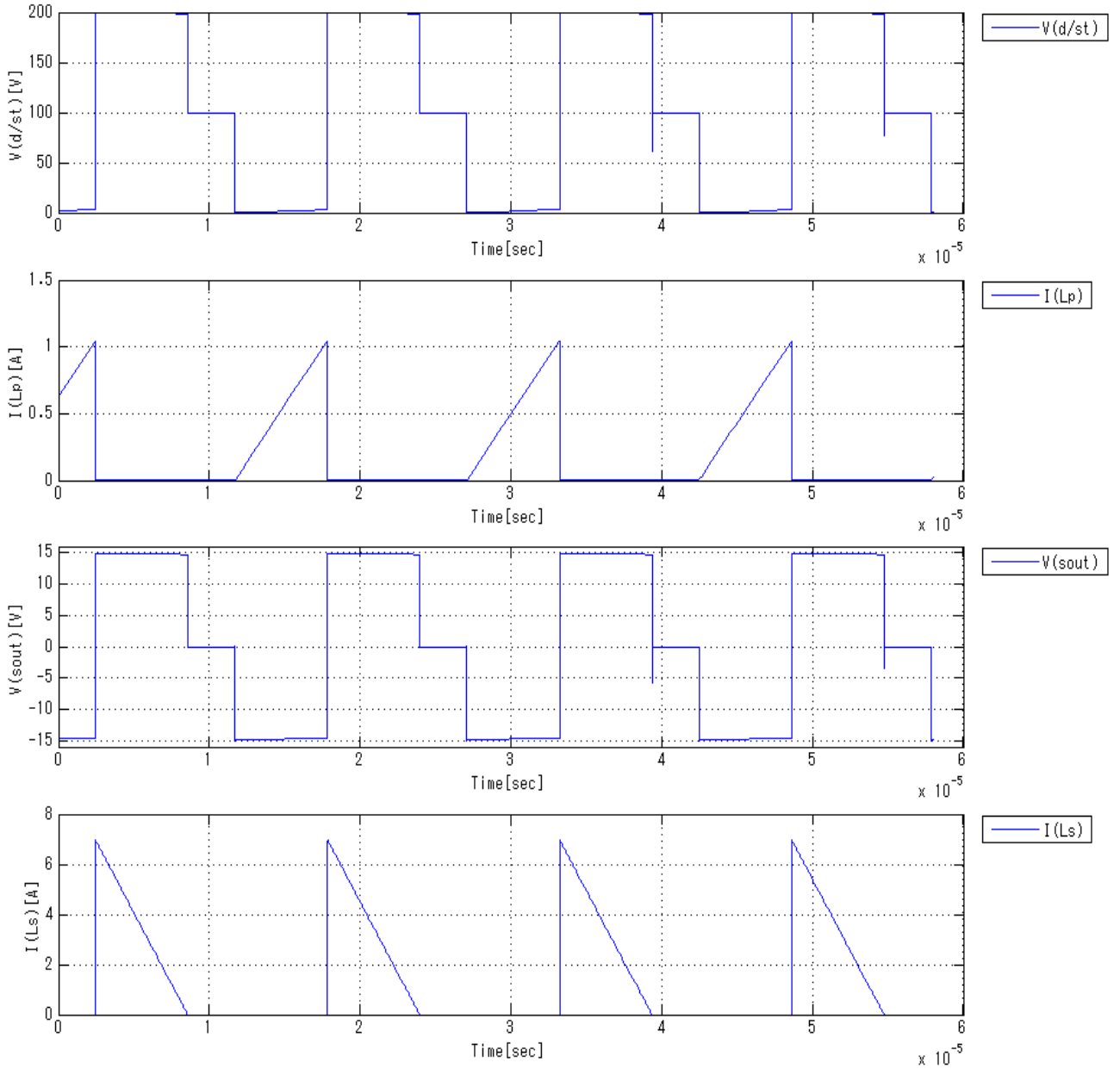
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2

Temp. = 25deg C



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