

PSpice Model

Buck Converter

RICOH

RP506L001N-TR-A

Model Information

Model An original macro model
Call Name MDC_RP506L001N-TR-A_PS
Pin Assign 1:PVIN 2:PVIN 3:AVIN 4:PG 5:CE 6:MODE 7:TSS 8:VFB 9:AGND 10:LX 11:NC 12:PGND
File List Model Library MDC_RP506L001N-TR-A_PS01.lib
 Model Report MDC_RP506L001N-TR-A_PS.pdf (this file)

Verified Simulator Version PSpice version 16.6
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Unknown
- Product name RP506L001N-TR-A
- Company name Ricoh Company, Ltd.
- Characteristics Transient

Simulation Condition

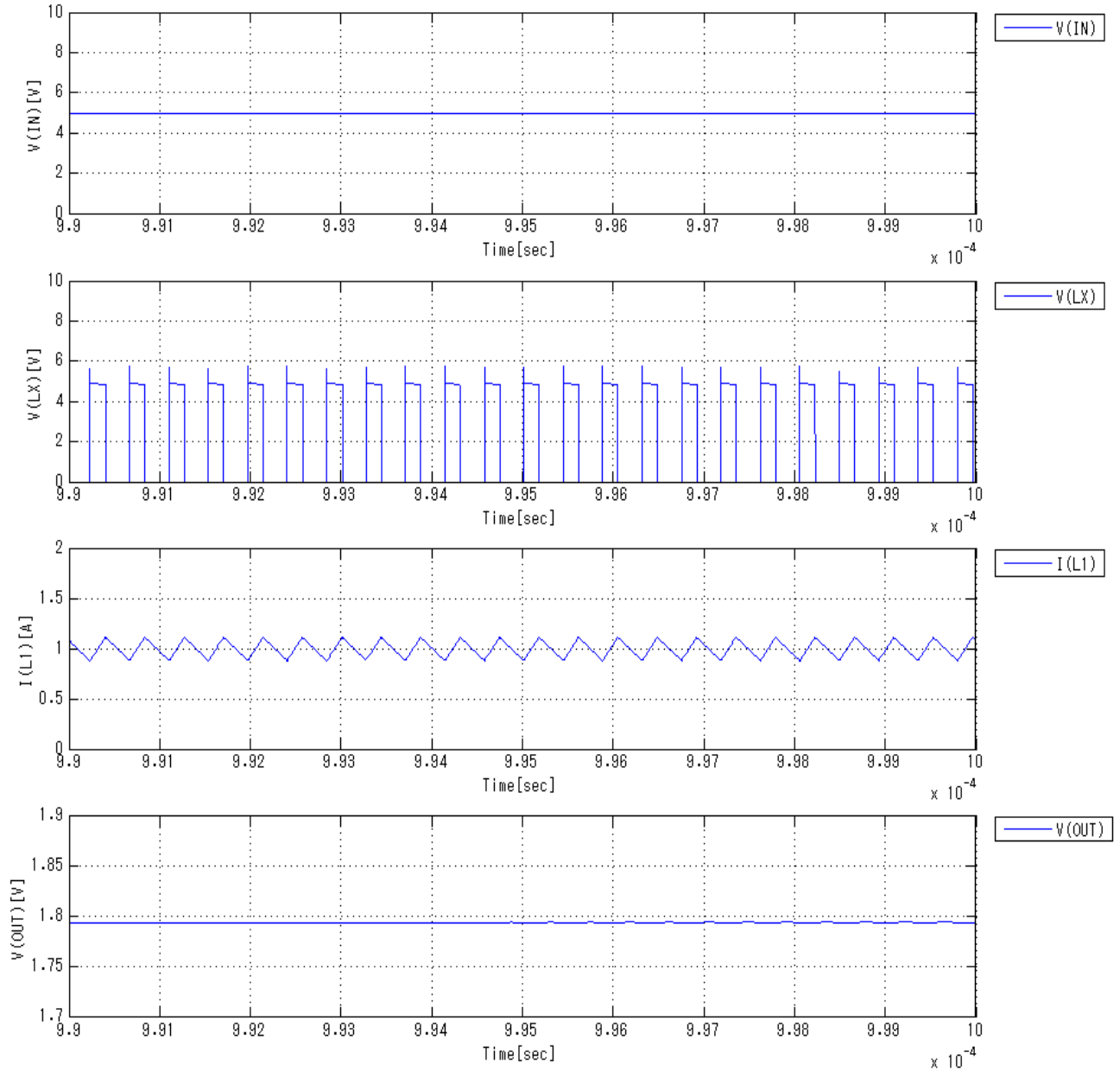
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
 Explanatory notes — : simulated

Transient

Temp. = 25deg C



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