

PSpice Model Buck Converter RICOH R1240

Model Information

Model An original macro model
Call Name MDC_R1240_PS
Pin Assign 1:CE 2:VIN 3:Lx 4:BST 5:GND 6:VFB
File List Model Library MDC_R1240_PS01.lib
Model Report MDC_R1240_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 NO.JA-190-160629
- Product name R1240
- Company name Ricoh Co., Ltd.
- Characteristics Transient

Simulation Condition

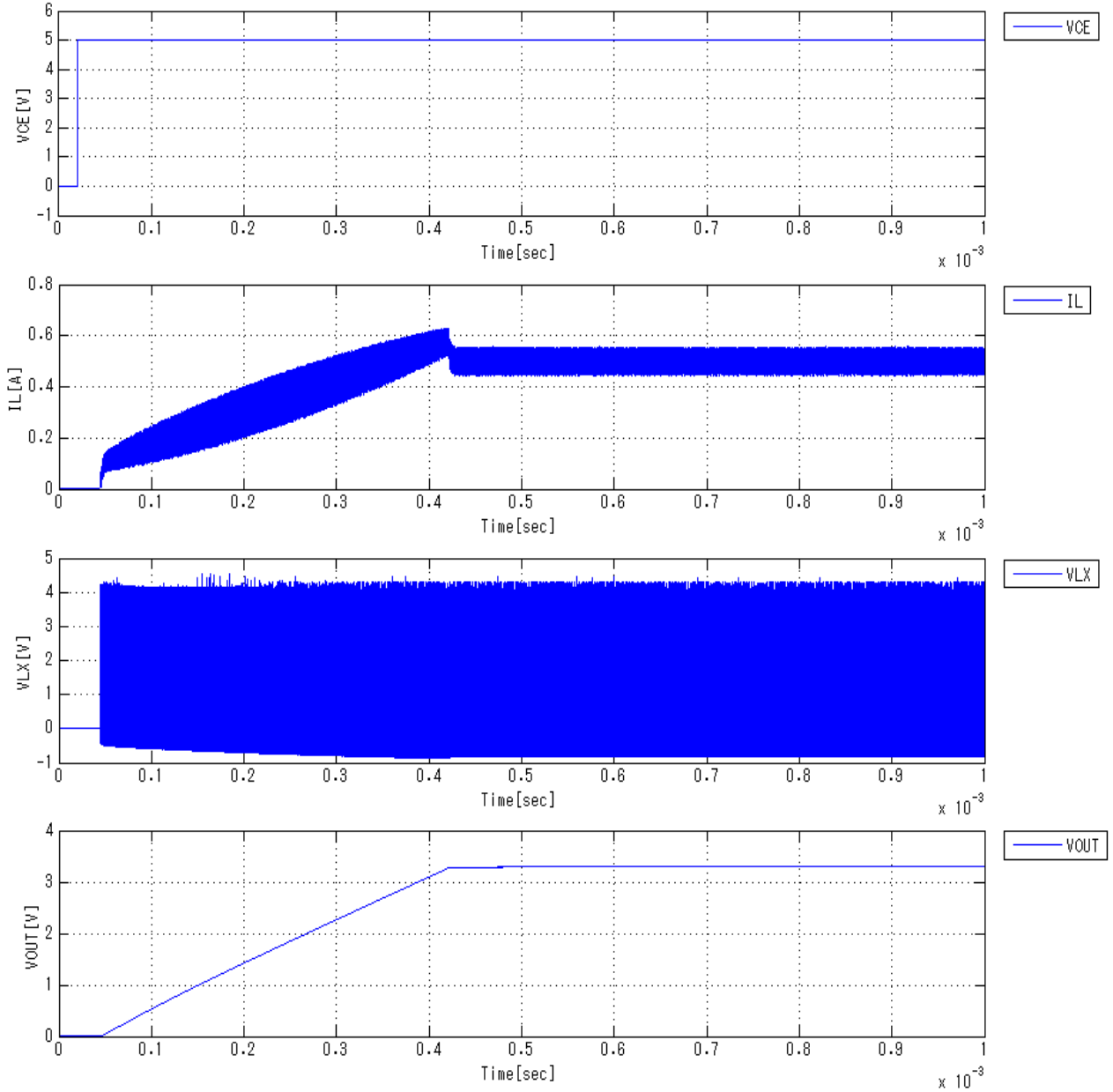
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
Explanatory notes — : simulated

Transient

Temp. = 25deg C



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