

LTspice Model

Buck Converter

Maxim

MAX1776

Model Information

Model An original macro model
Call Name MDC_MAX1776_LT
Pin Assign 1:VFB 2:AGND 3:ILIM 4:LX 5:IN 6:ILIM2 7:SHDNB 8:OUT
File List Model Library MDC_MAX1776_LT01.lib
 Model Report MDC_MAX1776_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 Unknown
- Product name MAX1776
- Company name Maxim Integrated
- Characteristics Transient,Transient2

Simulation Condition

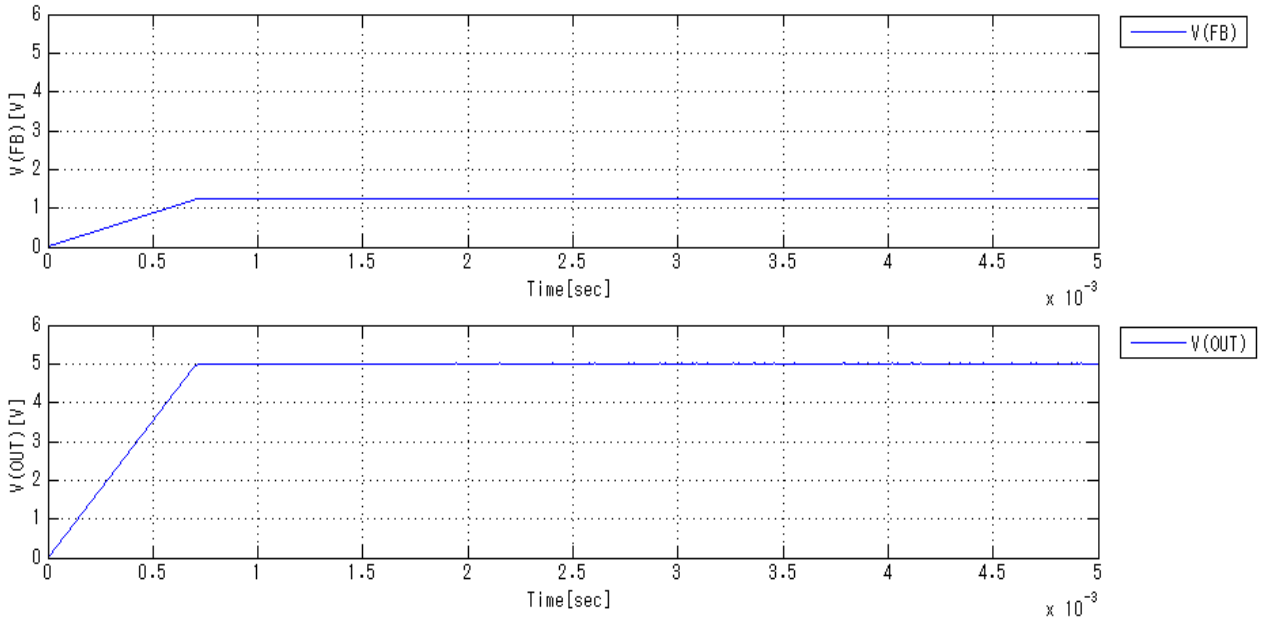
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
Explanatory notes — : simulated

Transient

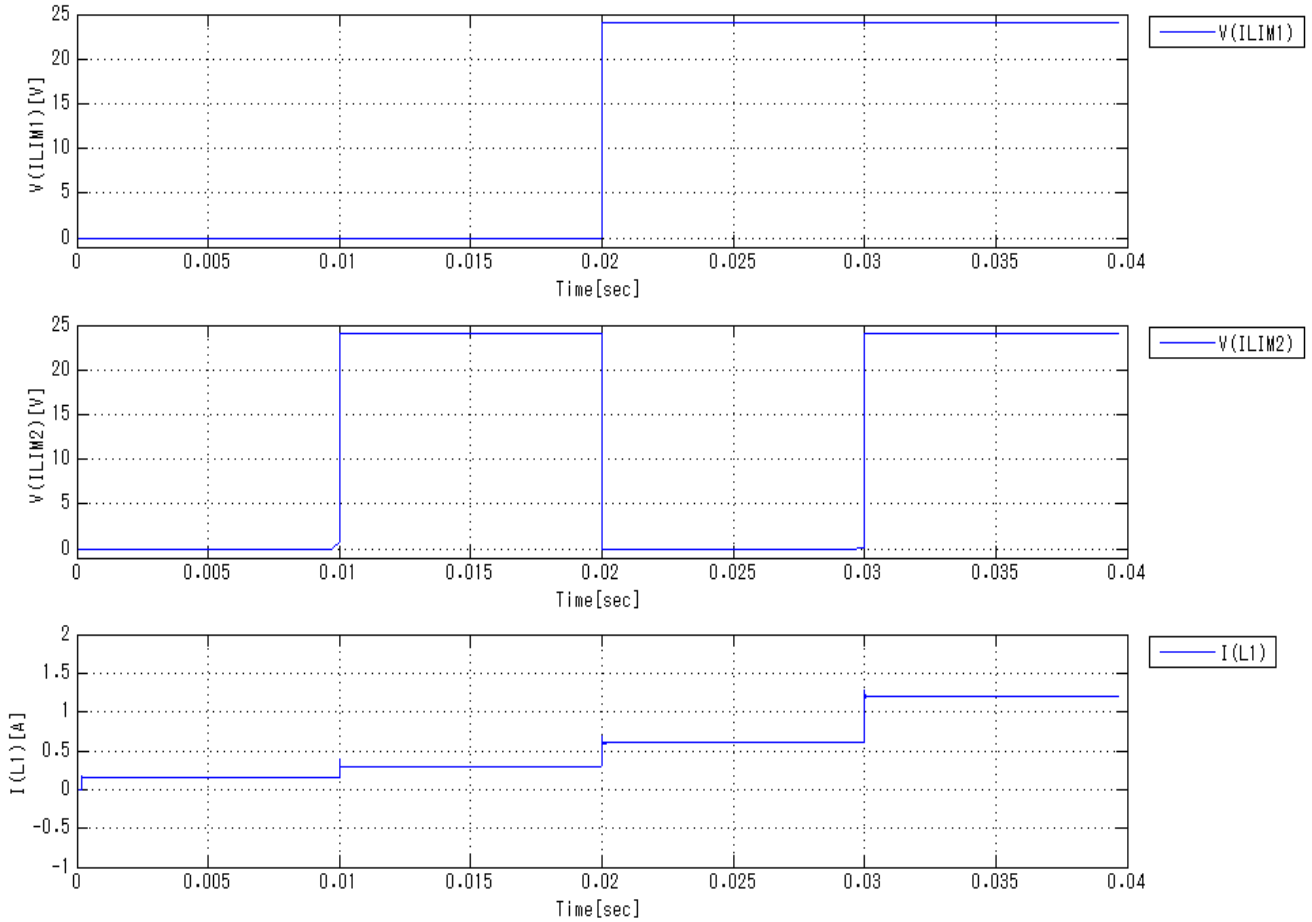
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2

Temp. = 25deg C



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