

LTspice Model

Low Side Switch

TI

UCC27524A1QDGNRQ1

Model Information

Model An original macro model
Call Name MDC_UCC27524A1QDGNRQ1_LT
Pin Assign 1:ENA 2:INA 3:GND 4:INB 5:OUTB 6:VDD 7:OUTA 8:ENB
File List Model Library MDC_UCC27524A1QDGNRQ1_LT01.lib
 Model Report MDC_UCC27524A1QDGNRQ1_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 UCC27524A1QDGNRQ1
- Company name Texas Instruments Inc.
- Characteristics Transient, Transient2

Simulation Condition

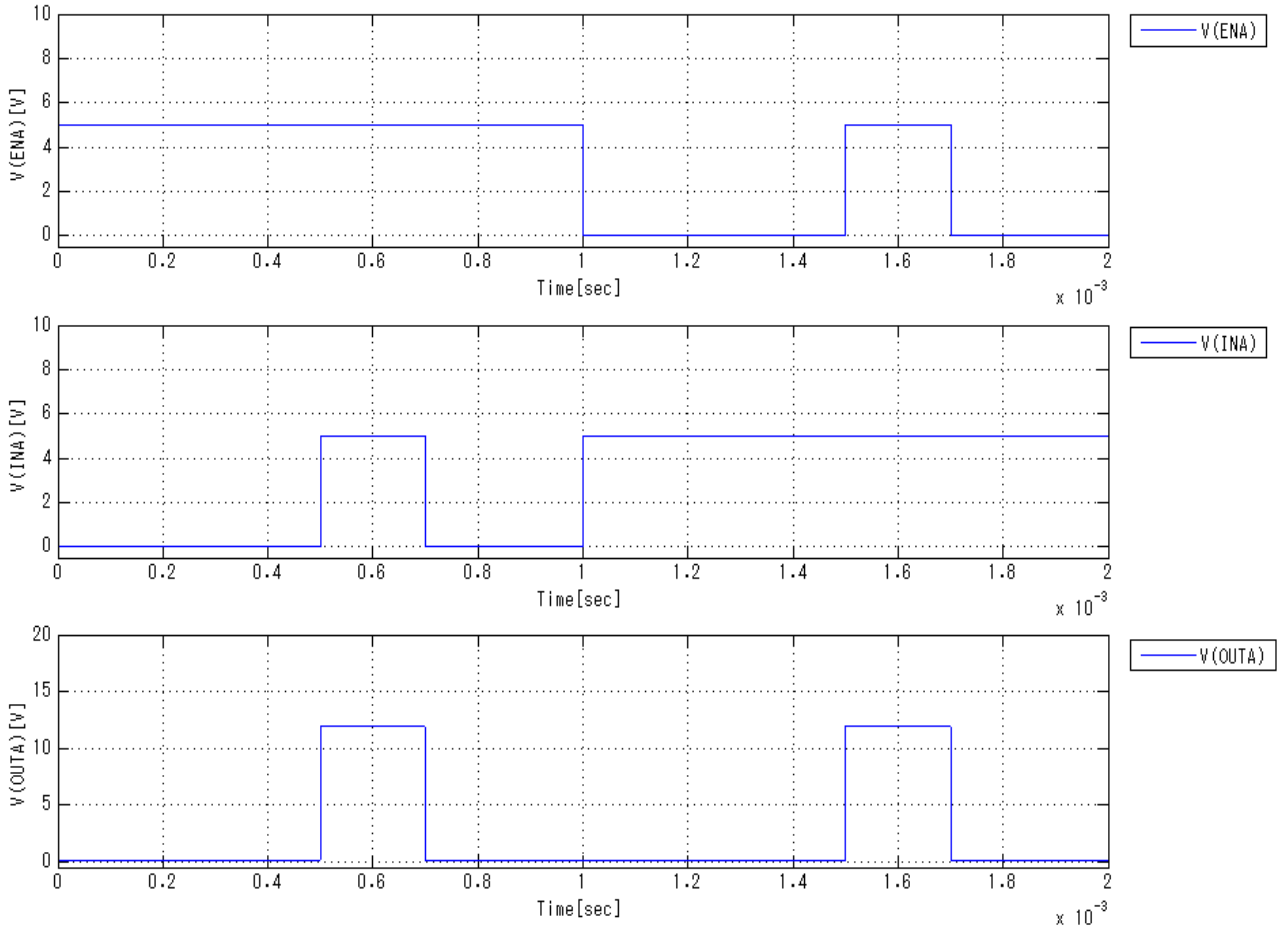
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
Explanatory notes — : simulated

Transient

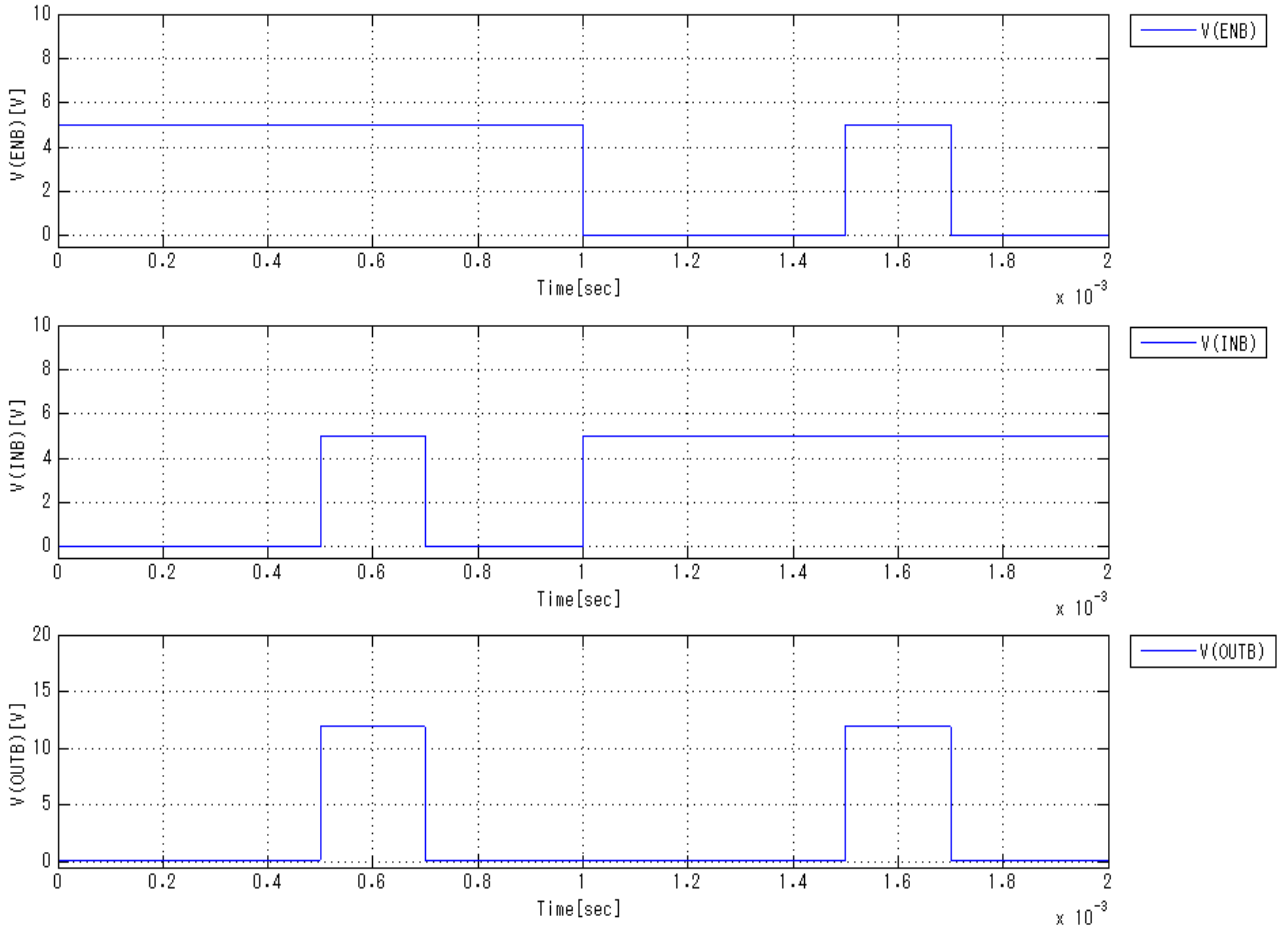
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2

Temp. = 25deg C



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