

LTspice Model Intelligent Power Device(Nch) Panasonic MIP2K40MTSCF

Model Information

Model An original macro model
Call Name MDC_MIP2K40MTSCF_LT
Pin Assign 1:VDD 2:FB 3:CL 4:VCC 5:Drain 7:Source 8:Source
File List Model Library MDC_MIP2K40MTSCF_LT05.lib
 Model Report MDC_MIP2K40MTSCF_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 Revision.1
- Product name MIP2K40MTSCF
- Company name Panasonic Corporation
- Characteristics Transient1,Transient2

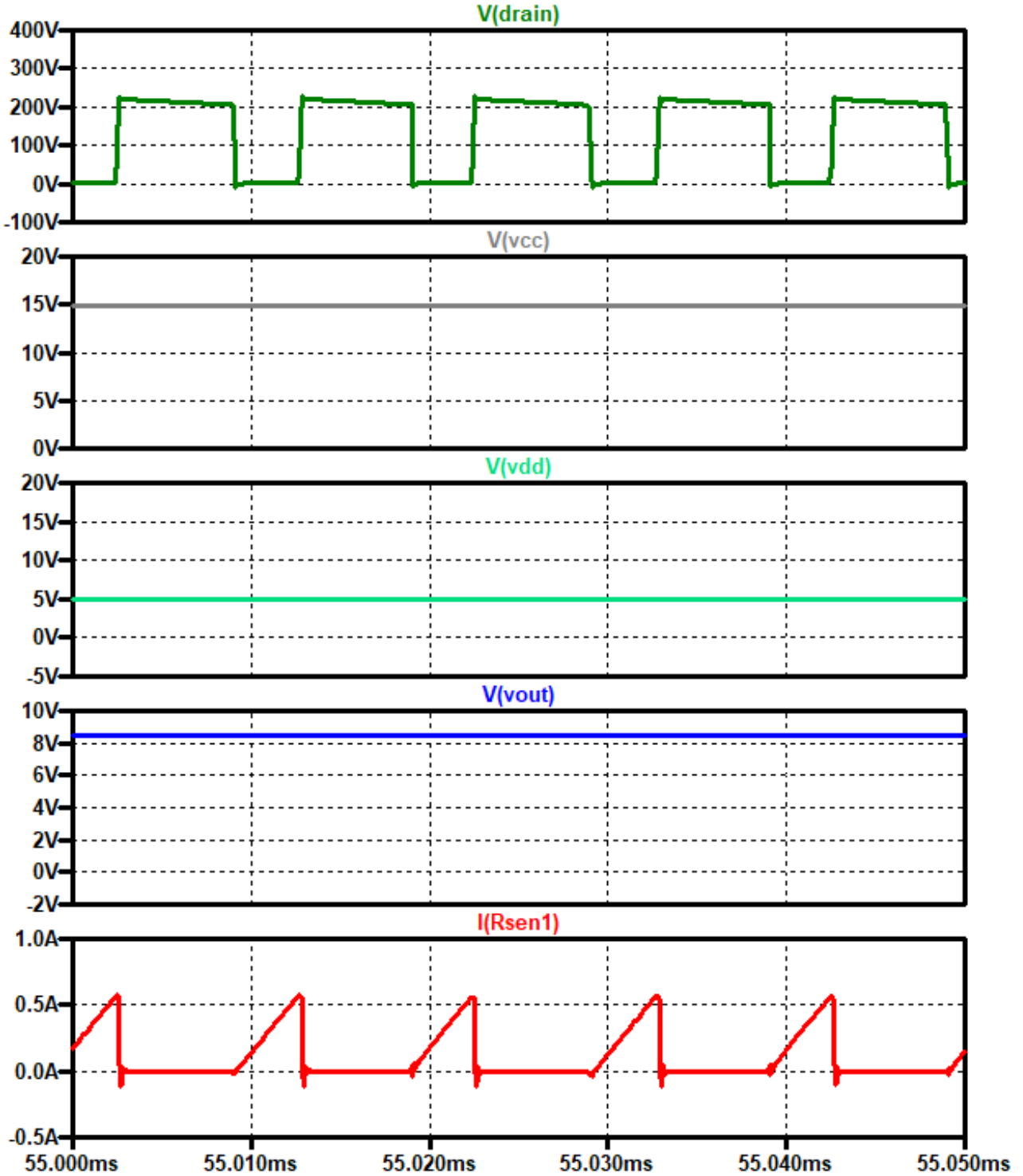
Simulation Range

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

Item	Range			Unit
	Min.		Max.	
Temperature	25	to	25	deg C

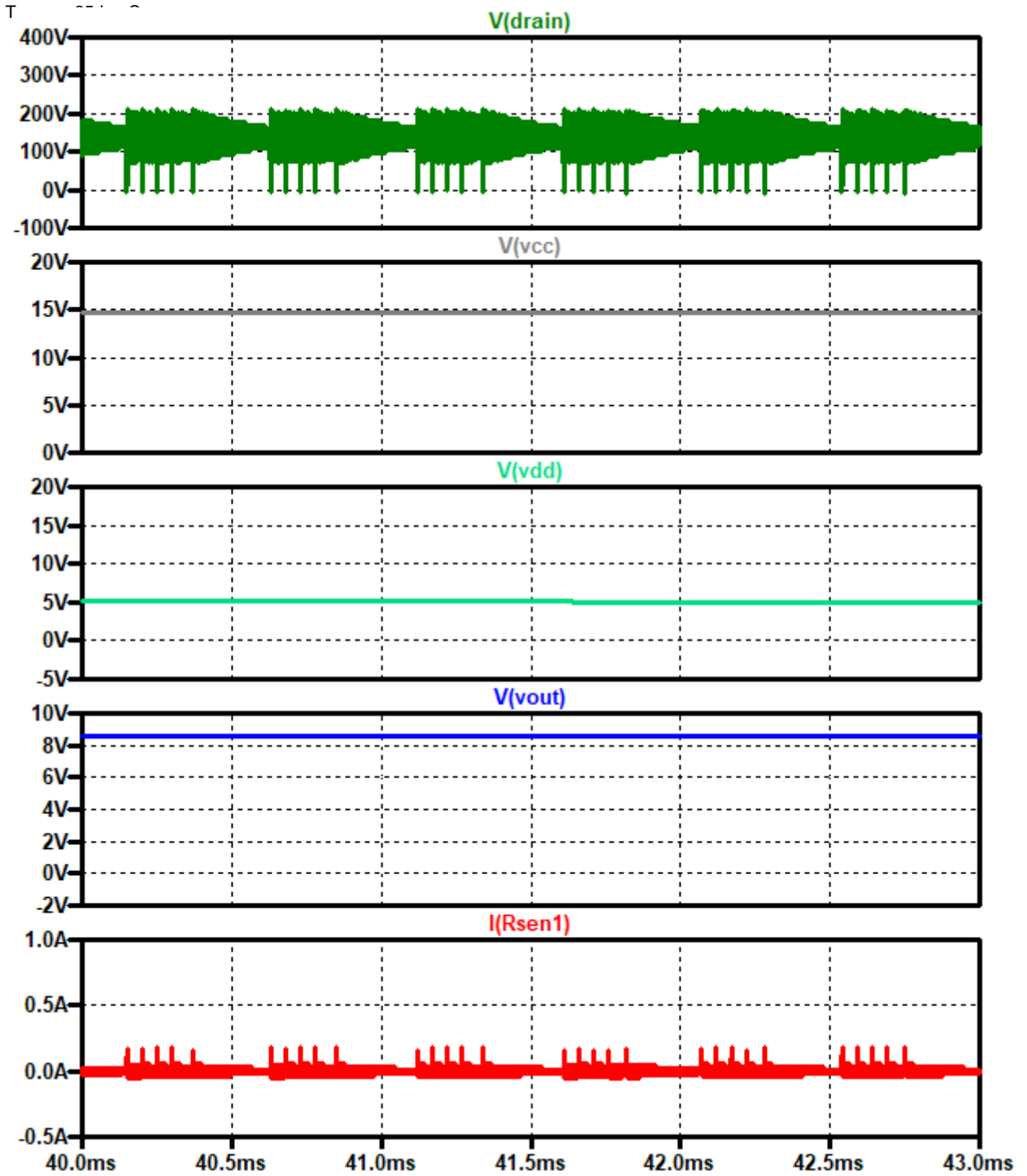
Simulation results are following.
Explanatory notes — : simulated

Transient1 (VOUT=8.4V , IOU=1.3A)
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2 (VOUT=8.4V , IOUT=10mA)



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