

LTspice Model Intelligent Power Device(Nch) Panasonic MIP6S20MTSCF

Model Information

Model An original macro model
Call Name MDC_MIP6S20MTSCF_LT
Pin Assign 1:FB 2:GND 3:LS 4:IS 5:DRAIN 7:VCC 8:VDD
File List Model Library MDC_MIP6S20MTSCF_LT03.lib
 Model Report MDC_MIP6S20MTSCF_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 MIP6S20MTSCF
- Company name Panasonic Corporation
- Characteristics Transient1,Transient2

Simulation Range

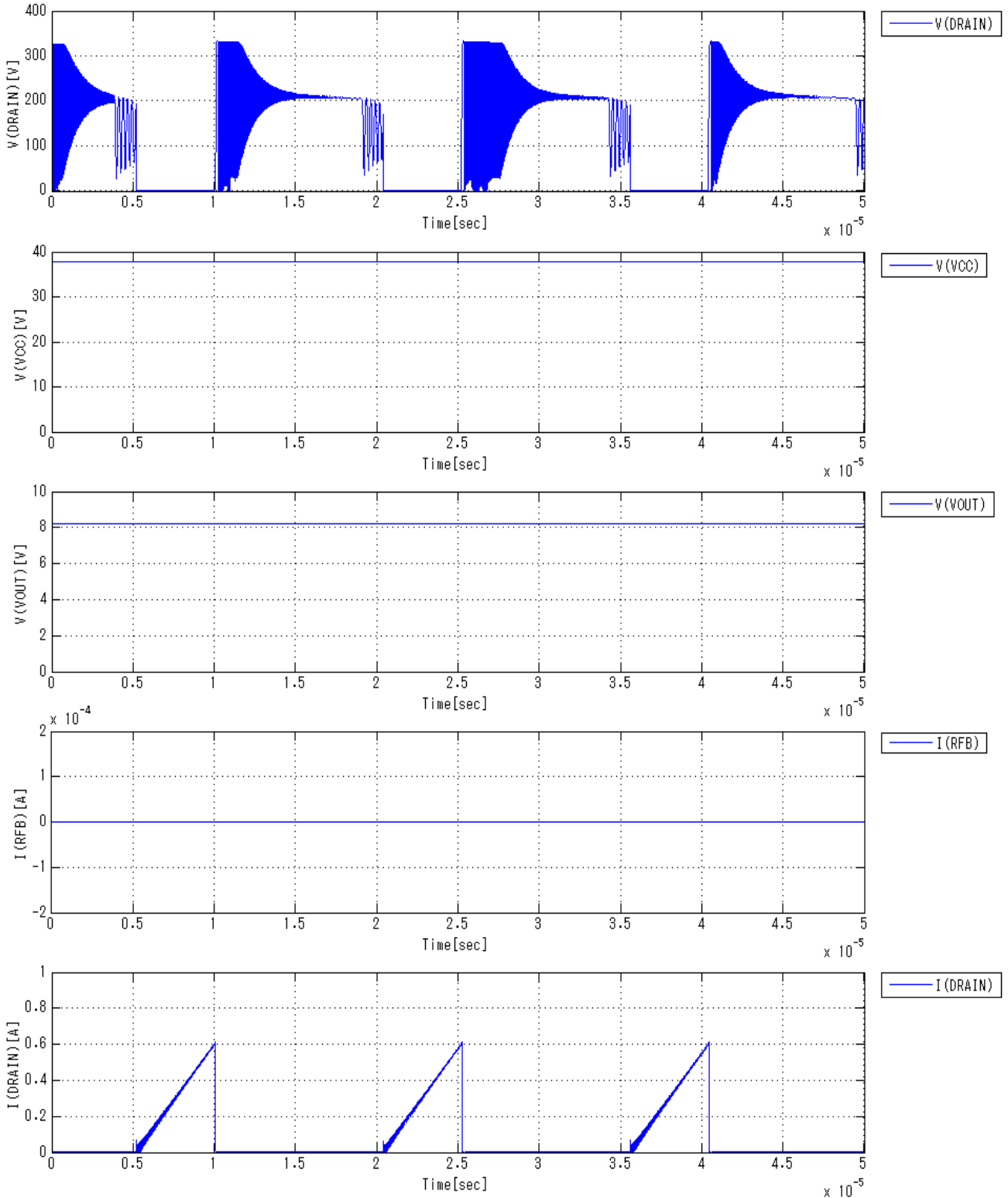
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

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

Simulation results are following.
Explanatory notes — : simulated

Transient1

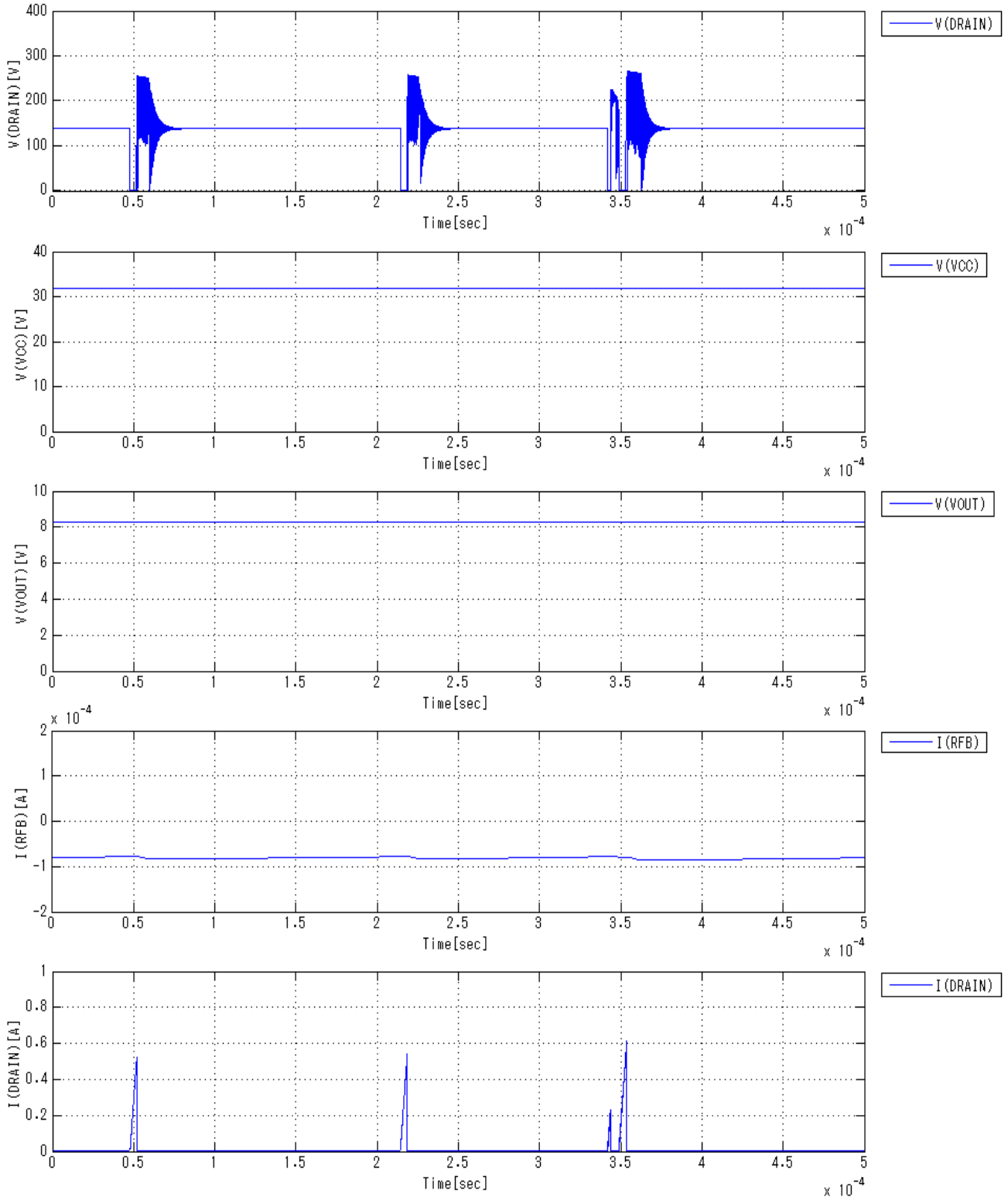
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2

Temp. = 25deg C



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