

PSpice Model Intelligent Power Device(Nch) Panasonic MIP6S20MTSCF

Model Information

Model An original macro model
Call Name MDC_MIP6S20MTSCF_PS
Pin Assign 1:FB 2:GND 3:LS 4:IS 5:DRAIN 7:VCC 8:VDD
File List Model Library MDC_MIP6S20MTSCF_PS03.lib
 Model Report MDC_MIP6S20MTSCF_PS.pdf (this file)

Verified Simulator Version PSpice version 17.2
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

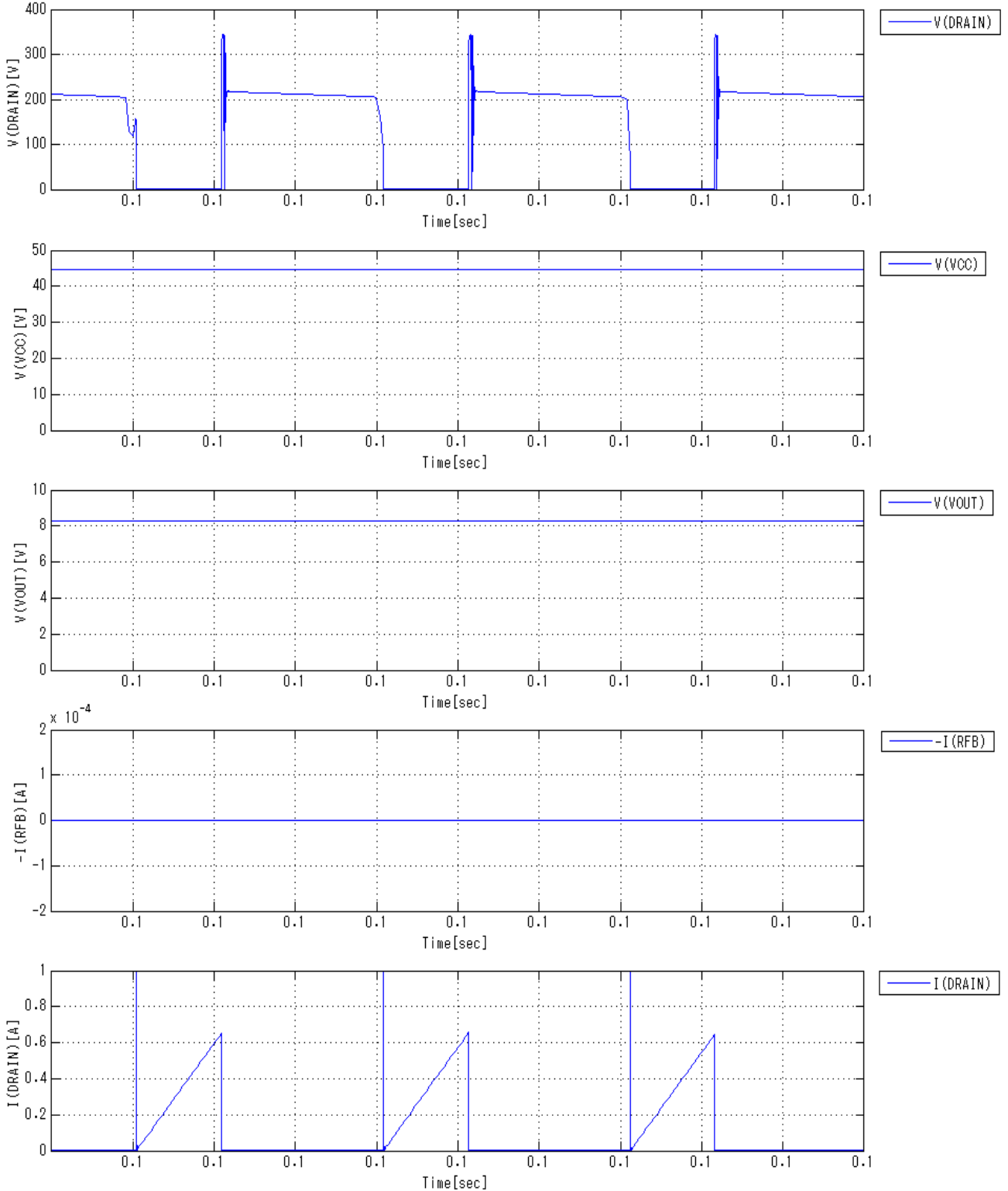
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

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

Simulation results are following.
Explanatory notes — : simulated

Transient1

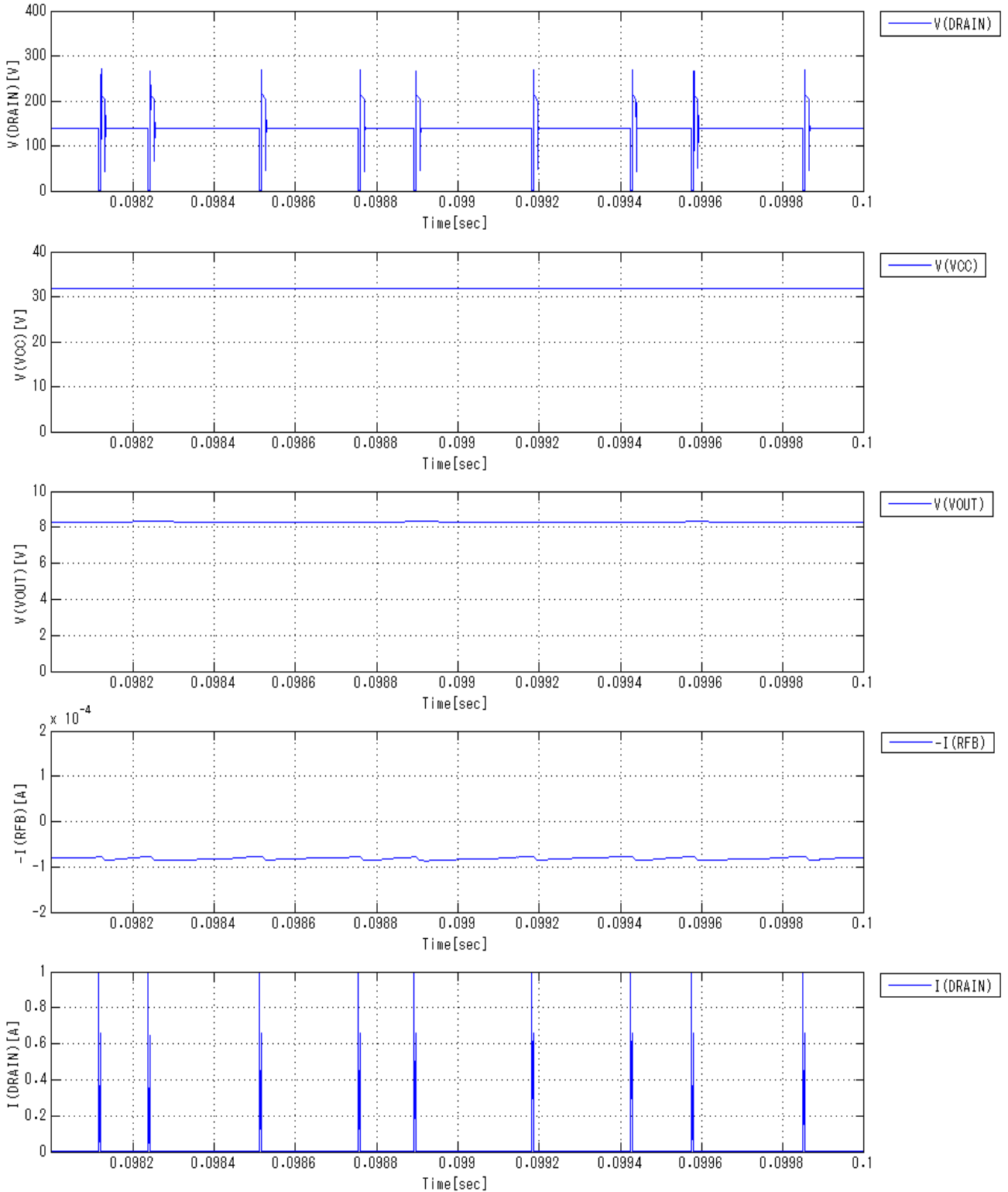
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2

Temp. = 25deg C



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MoDeCH Inc.

Head Office

Location: Taiju-Seimei-Hachioji Bldg., 5-15 Yokoyama-cho, Hachioji-Shi, Tokyo 192-0081, Japan

Tel:+81-42-656-3360

E-Mail:model-on-support@modech.co.jp

URL:<http://www.modech.com/en/>