

# LTspice Model Intelligent Power Device(Nch) Panasonic MIP2K40MTSCF

## Model Information

**Model** An original macro model  
**Call Name** MDC\_MIP2K40MTSCF\_PS  
**Pin Assign** 1:VDD 2:FB 3:CL 4:VCC 5:Drain 7:Source 8:Source  
**File List** Model Library MDC\_MIP2K40MTSCF\_PS01.lib  
 Model Report MDC\_MIP2K40MTSCF\_PS.pdf (this file)

**Verified Simulator Version** PSpice 17.2  
**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

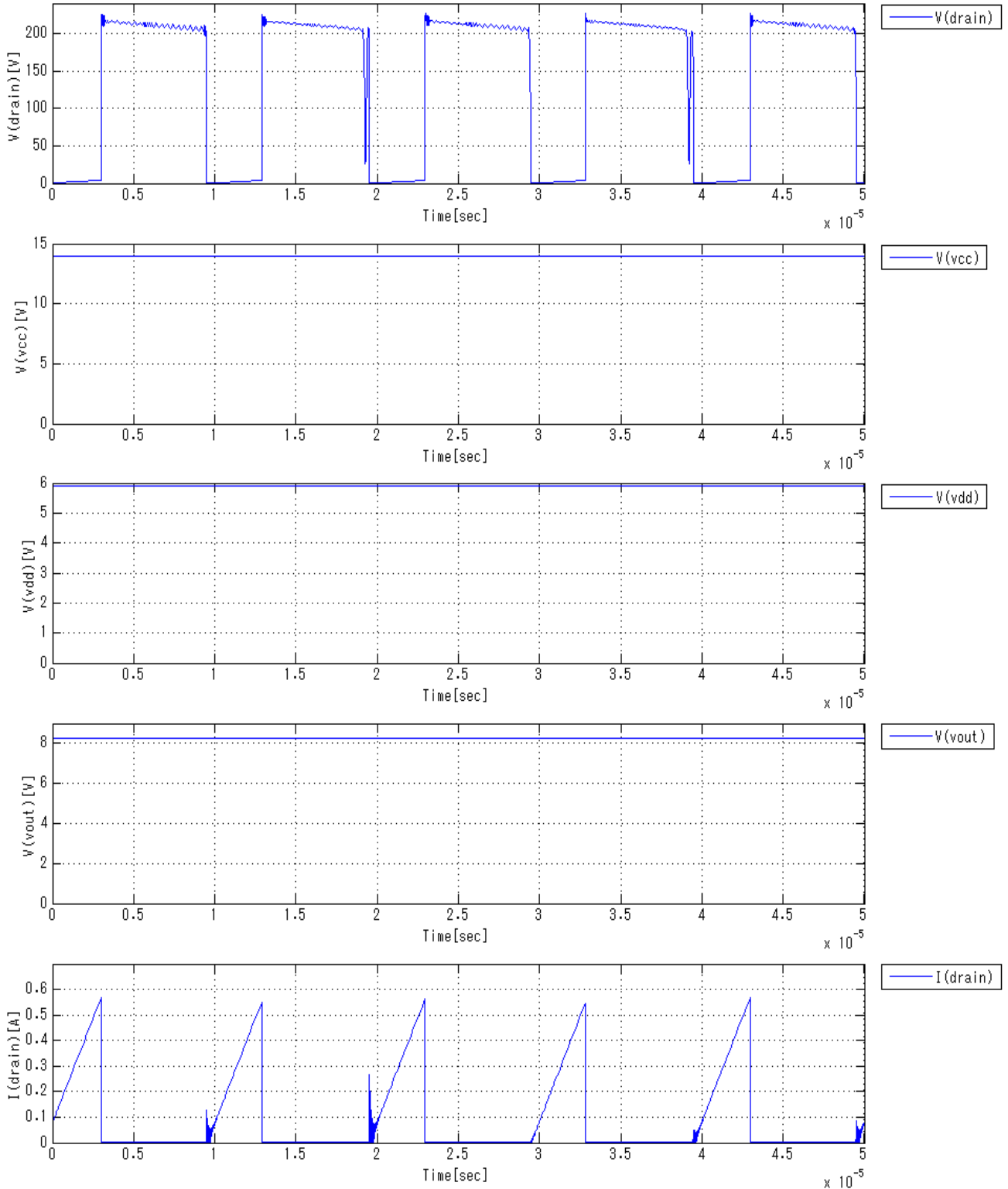
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

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

Simulation results are following.  
Explanatory notes — : simulated

**Transient1**

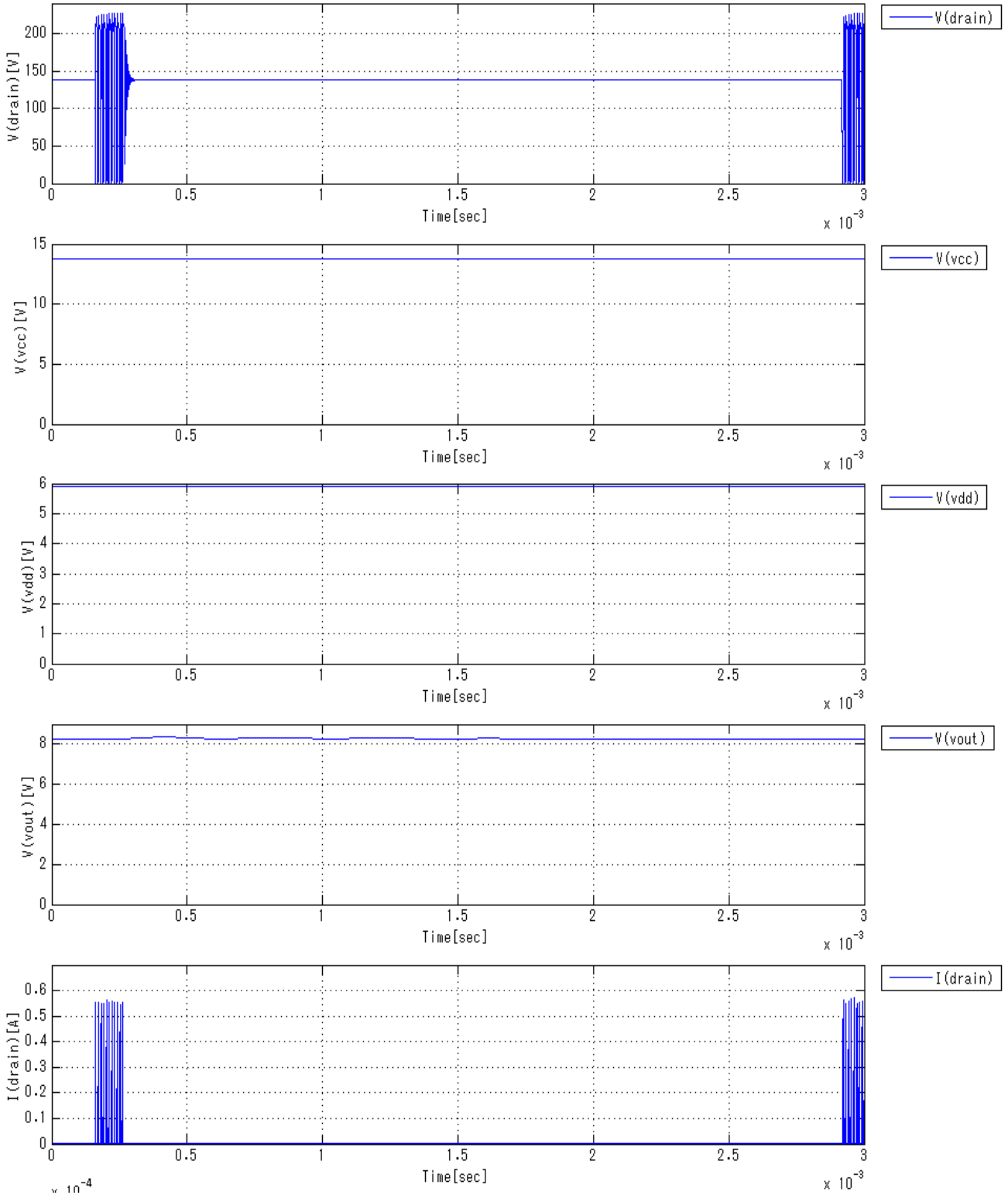
Temp. = 25deg C



Simulation results are following.  
Explanatory notes — : simulated

**Transient2**

Temp. = 25deg C



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