

# PSpice Model Intelligent Power Device(Nch) RENESAS uPD166035GR

## Model Information

**Model** An original macro model  
**Call Name** MDC\_uPD166035GR\_PS  
**Pin Assign** 1:IN 2:DIAG 3:GND 4:OUT 5:VCC  
**File List** Model Library MDC\_uPD166035GR\_PS01.lib  
 Model Report MDC\_uPD166035GR\_PS.pdf (this file)  
**Verified Simulator Version** PSpice version 16.6  
**Note**

## References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version Rev.2.00
- Product name uPD166035GR
- Company name Renesas Electronics Corporation
- Characteristics Rds(on)Vcc[Temp]

## Simulation Range

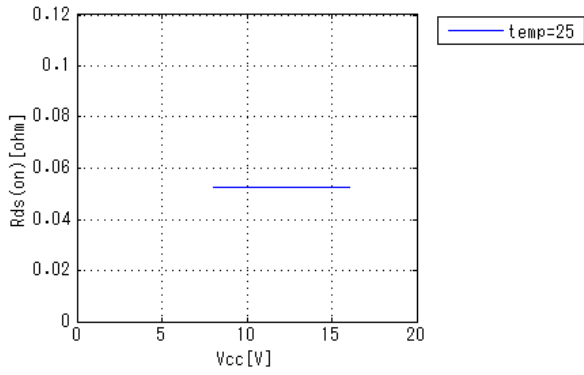
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Temperature	-55	to	175	deg C

Simulation results are following.

Explanatory notes — : simulated

### Rds(on)Vcc[Temp]



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