

# LTspice Model

## 600 V Half Bridge Gate Driver

### Infineon

### 2EDL05I06PJ

#### Model Information

**Model** An original macro model  
**Call Name** MDC\_2EDL05I06PJ\_LT  
**Pin Assign** 1:NC 2:VDD 3:HIN 4:LIN 5:GND 6:LO 7:NC 8:NC 9:NC 10:VS 11:HO 12:VB 13:NC 14:NC  
**File List** Model Library MDC\_2EDL05I06PJ\_LT01.lib  
 Model Report MDC\_2EDL05I06PJ\_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 2EDL05I06PJ
- Company name Infineon Technologies AG
- Characteristics Transient

#### Simulation Condition

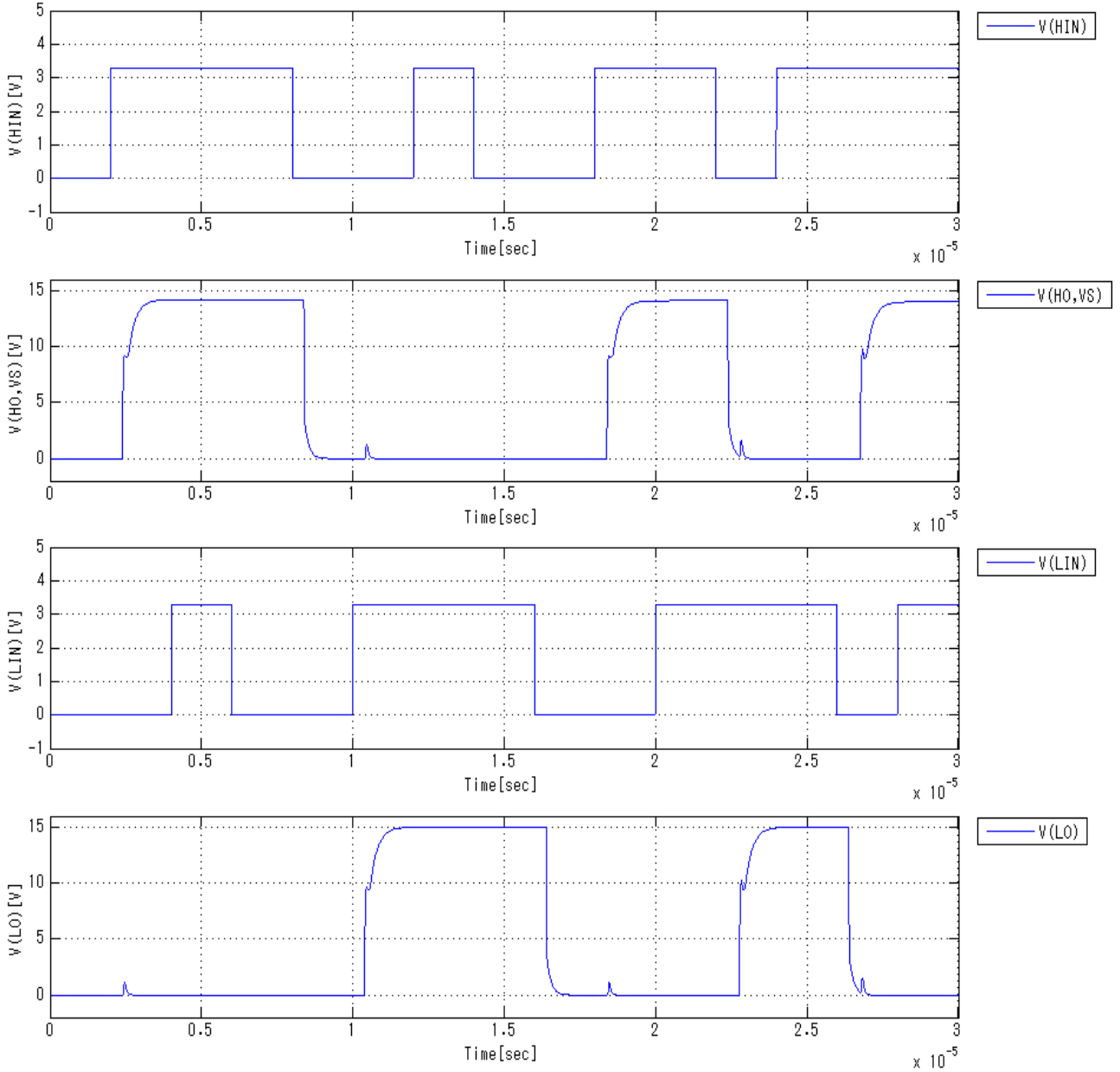
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.  
Explanatory notes — : simulated

**Transient**

Temp. = 25deg C



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