

# PSpice Model

## LDO (Low Drop Out)

### New Japan Radio Co.,Ltd.

### NJM2835DL1-05

#### Model Information

**Model** An original macro model  
**Call Name** MDC\_NJM2835DL1-05\_PS  
**Pin Assign** 1:VIN 2:GND 3:VOUT  
**File List** Model Library MDC\_NJM2835DL1-05\_PS01.lib  
 Model Report MDC\_NJM2835DL1-05\_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 2018-08-29
- Product name NJM2835DL1-05
- Company name New Japan Radio Co.,Ltd.
- Characteristics Line Transient Response,Load Transient Response,Dropout Voltage vs. Output Current

#### Simulation Condition

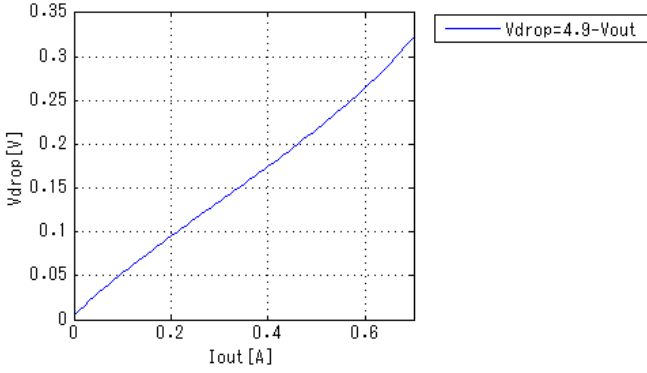
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.  
 Explanatory notes — : simulated

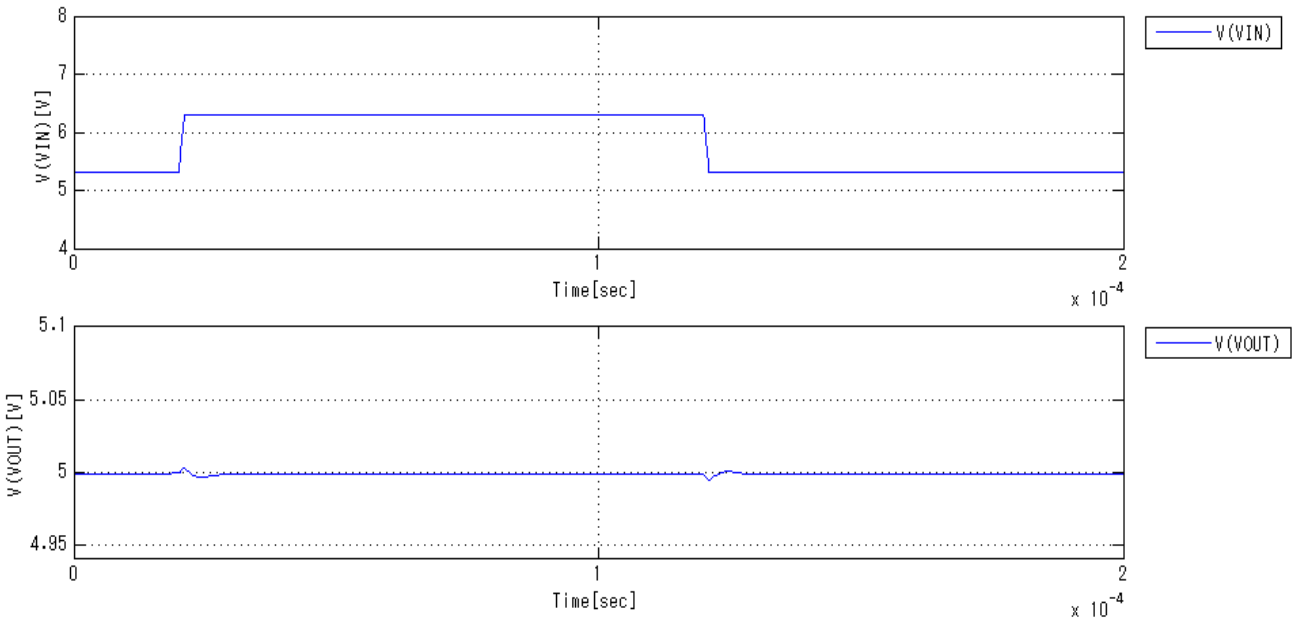
**Dropout Voltage vs. Output Current**

Temp. = 25deg C



**Line Transient Response**

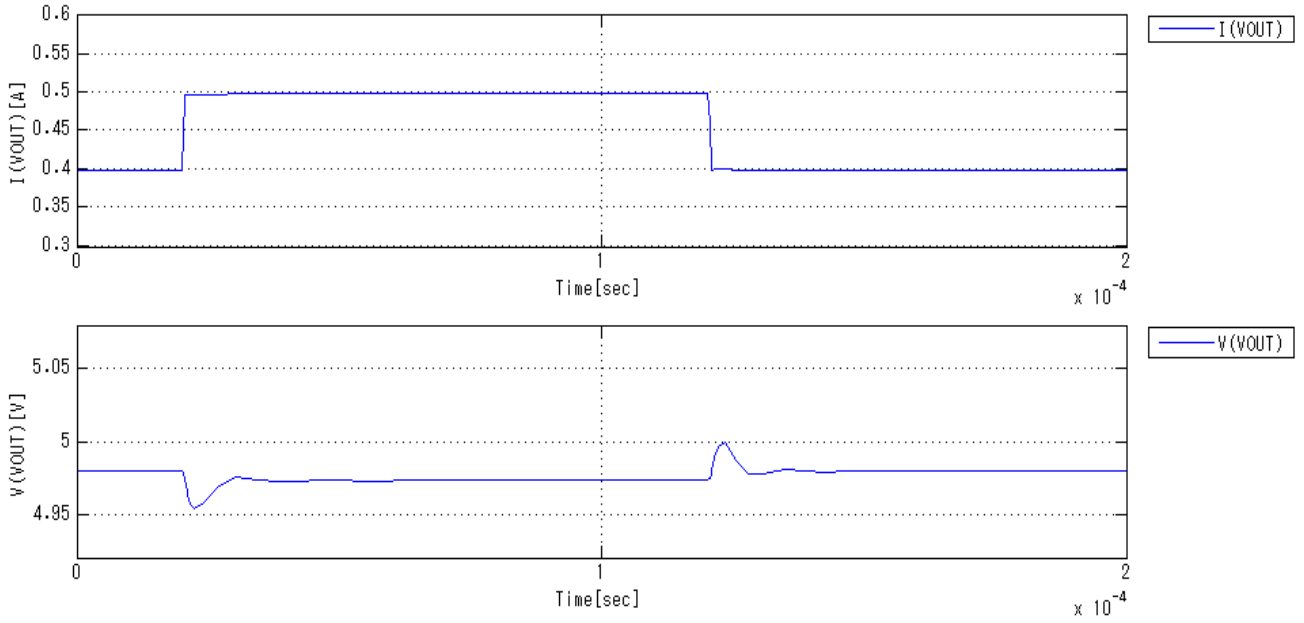
Temp. = 25deg C



Simulation results are following.  
Explanatory notes — : simulated

### Load Transient Response

Temp. = 25deg C



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