

LTspice Model

LDO (Low Drop Out)

NewJRC

NJM2884U1-33

Model Information

Model An original macro model
Call Name MDC_NJM2884U1-33_LT
Pin Assign 1:CONTROL 2:GND 3:N.C. 4:VOUT 5:VIN
File List Model Library MDC_NJM2884U1-33_LT01.lib
 Model Report MDC_NJM2884U1-33_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 Ver.2017-07-12
- Product name NJM2884U1-33
- Company name New Japan Radio Co.,Ltd.
- Characteristics Vdiflout[Temp],Line regulation,Load regulation

Simulation Condition

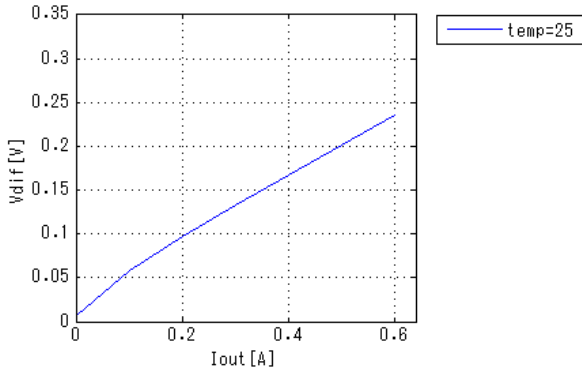
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

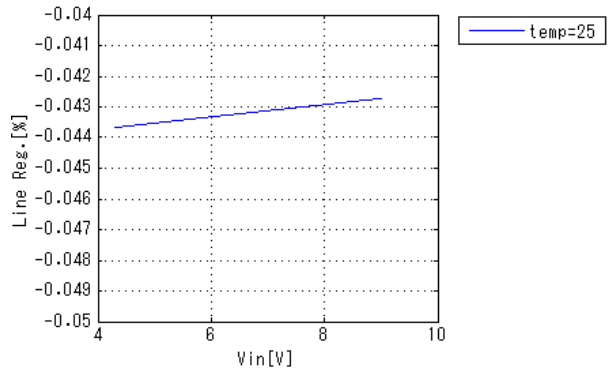
Simulation results are following.
 Explanatory notes — : simulated

Vdiflout[Temp]

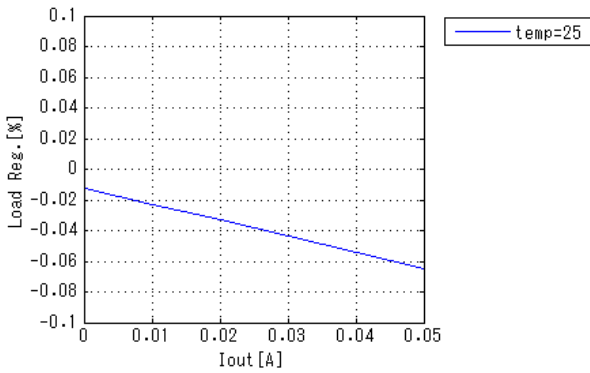
Temp. = 25deg C



Line regulation



Load regulation



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