

LTspice Model

LDO (Low Drop Out)

NewJRC

NJM12888F33

Model Information

Model An original macro model
Call Name MDC_NJM12888F33_LT
Pin Assign 1:VIN 2:GND 3:CONTROL 4:CS 5:VOUT
File List Model Library MDC_NJM12888F33_LT01.lib
 Model Report MDC_NJM12888F33_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.2015-08-19
- Product name NJM12888F33
- Company name New Japan Radio Co.,Ltd.
- Characteristics Vdiflout[Temp],Line regulation,Load regulation

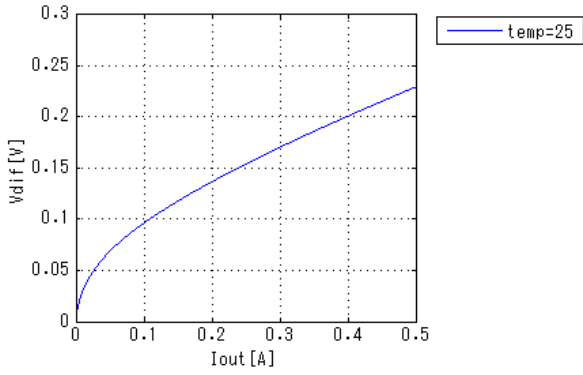
Simulation Condition

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

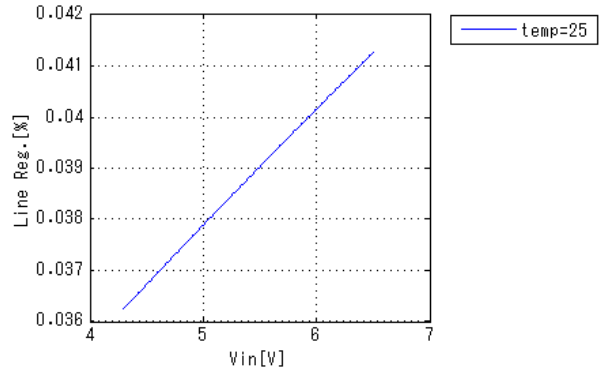
| Item | Condition | Unit |
|-------------|-----------|-------|
| Temperature | 25 | deg C |

Simulation results are following.
Explanatory notes — : simulated

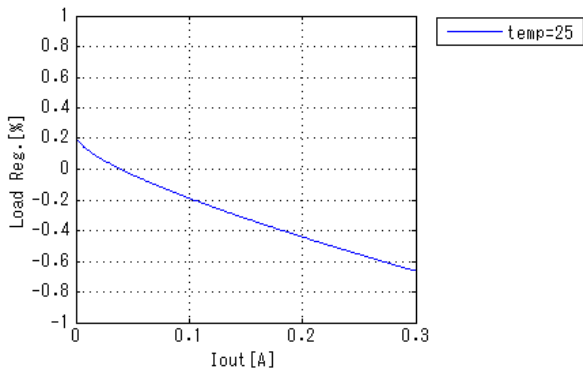
Vdflout[Temp]



Line regulation



Load regulation



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