

LTspice Model

LDO (Low Drop Out)

NewJRC

NJM12856U2-33

Model Information

Model An original macro model
Call Name MDC_NJM12856U2-33_LT
Pin Assign 1:VOUT 2:GND 3:CS 4:CONTROL 5:VIN
File List Model Library MDC_NJM12856U2-33_LT01.lib
 Model Report MDC_NJM12856U2-33_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.2015-07-21
- Product name NJM12856U2-33
- Company name New Japan Radio Co.,Ltd.
- Characteristics Vdiflout[Temp],Line regulation,Load regulation

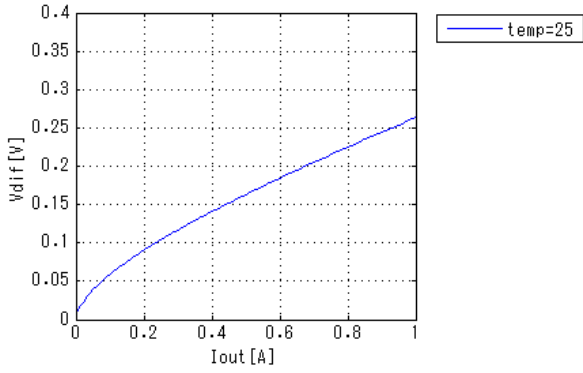
Simulation Condition

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

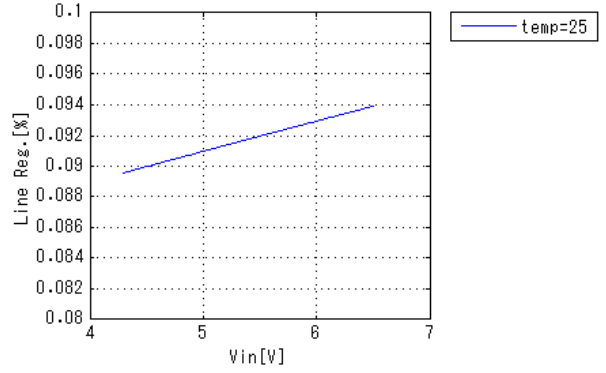
Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
 Explanatory notes — : simulated

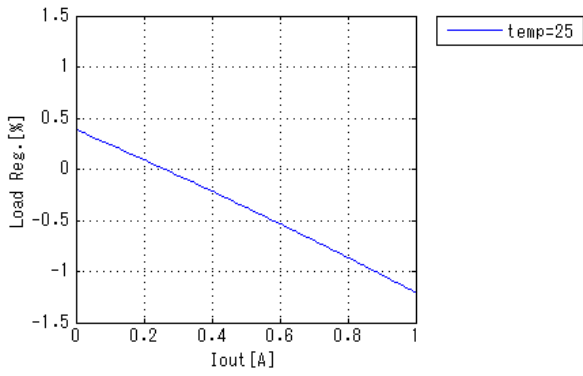
Vdiftout[Temp]



Line regulation



Load regulation



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