

LTspice Model

LDO (Low Drop Out)

TOREX

XC6701D502PR-G

Model Information

Model An original macro model
Call Name MDC_XC6701D502PR-G_LT
Pin Assign 1:VOUT 2:VSS 3:VIN
File List Model Library MDC_XC6701D502PR-G_LT01.lib
Model Report MDC_XC6701D502PR-G_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 ETR0334-012b
- Product name XC6701D502PR-G
- Company name TOREX SEMICONDUCTOR LTD.
- Characteristics Vdiflout[Temp],Line regulation,Load regulation

Simulation Condition

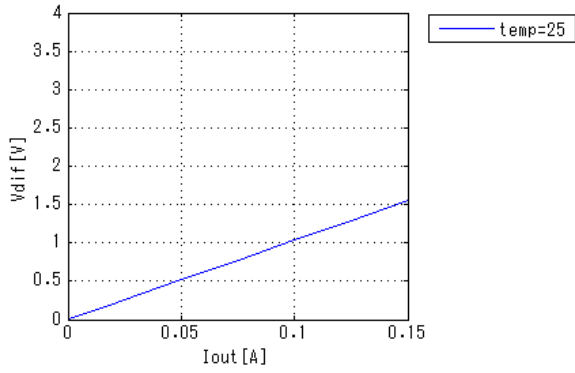
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
 Explanatory notes — : simulated

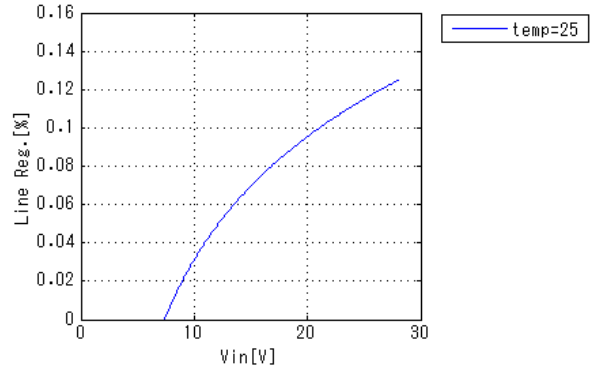
Vdiflout[Temp]

Temp. = 25deg C

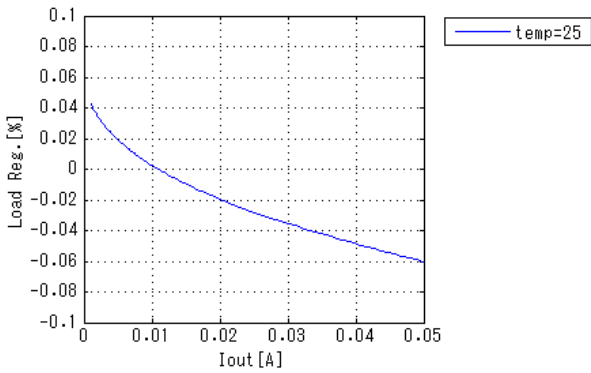


Line regulation

Iout = 13mA



Load regulation



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