

LTspice Model

Comparator

MICROCHIP

MCP6567T-E

Model Information

Model An original macro model
Call Name MDC_MCP6567T-E_LT
Pin Assign 1:OUTA 2:-INA 3:+INA 4:VSS 5:+INB 6:-INB 7:OUTB 8:VDD
File List Model Library MDC_MCP6567T-E_LT01.lib
 Model Report MDC_MCP6567T-E_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 Unknown
- Product name MCP6567T-E
- Company name Microchip Technology Inc.
- Characteristics Transient1, Transient2, Transient3, Transient4

Simulation Range

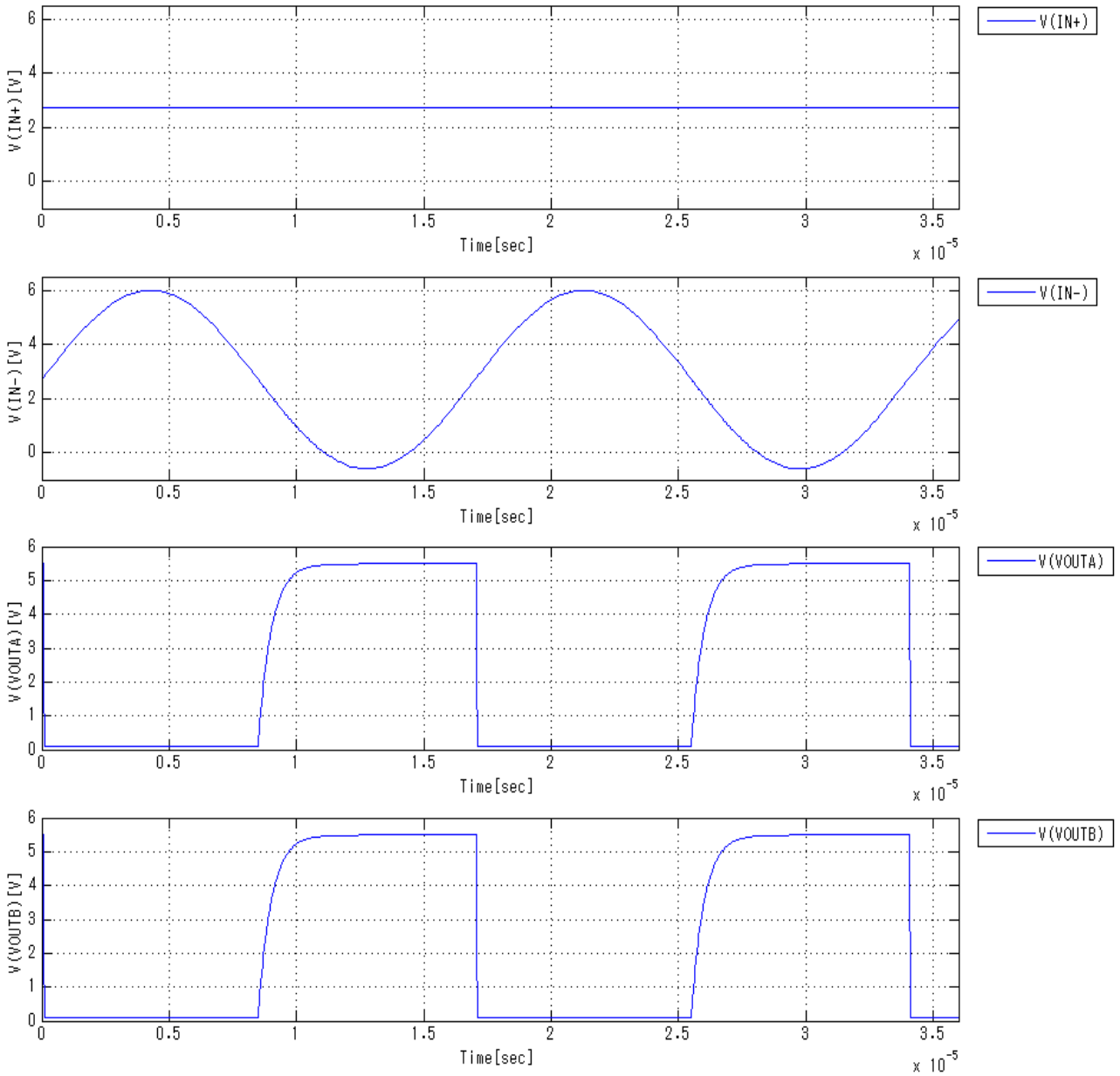
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Temperature	25	to	25	deg C

Simulation results are following.
Explanatory notes — : simulated

Transient1

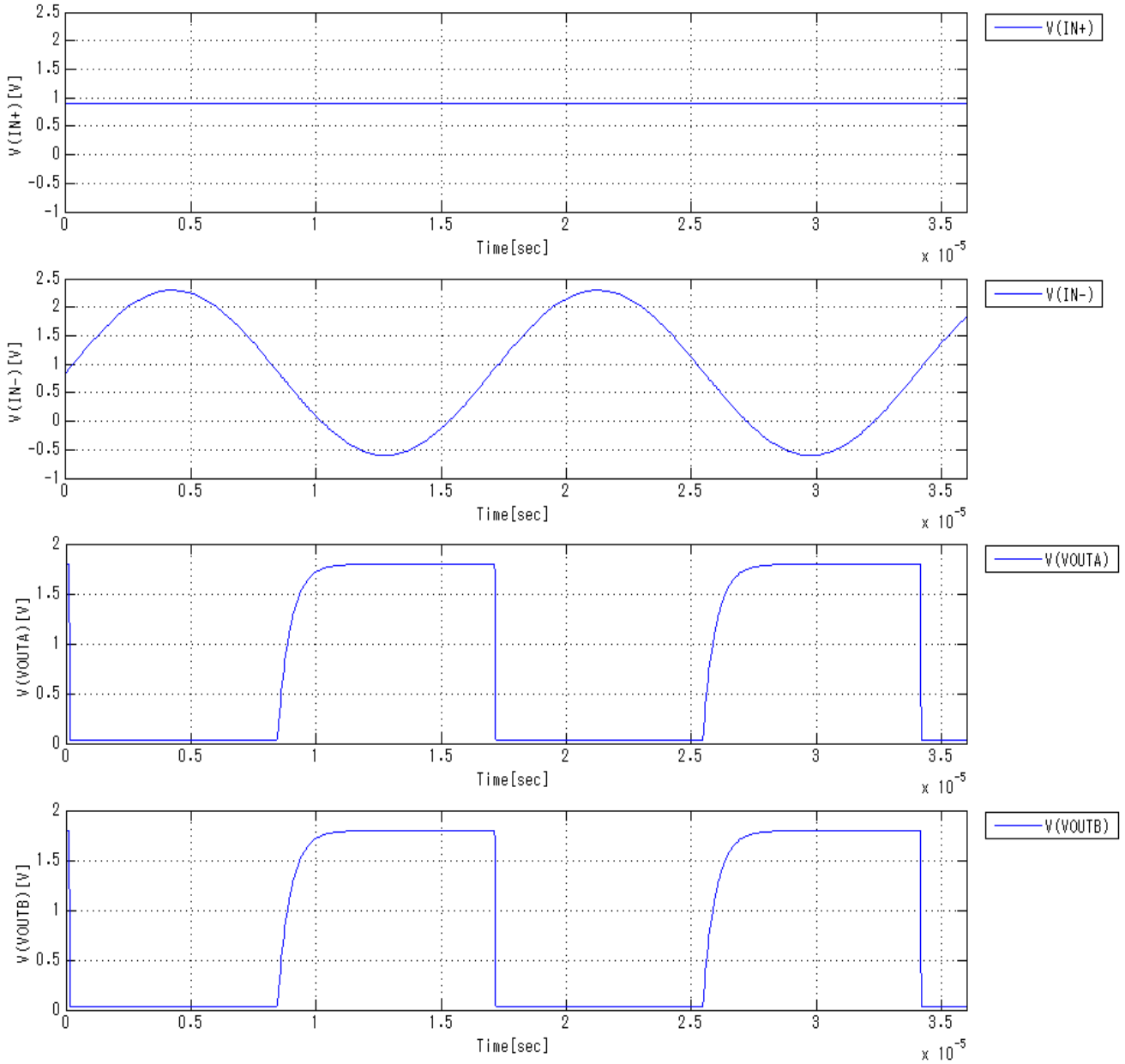
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient2

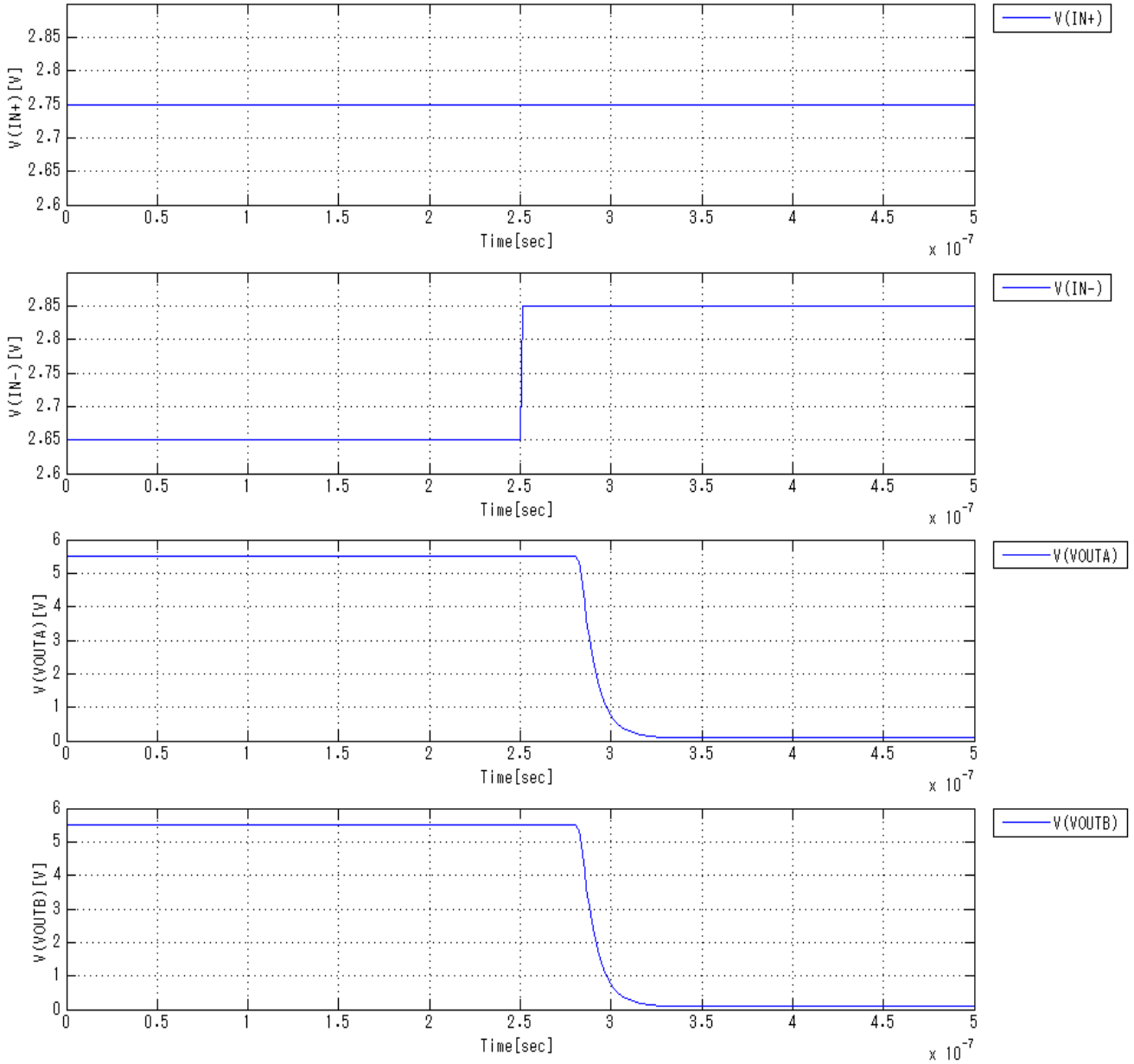
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient3

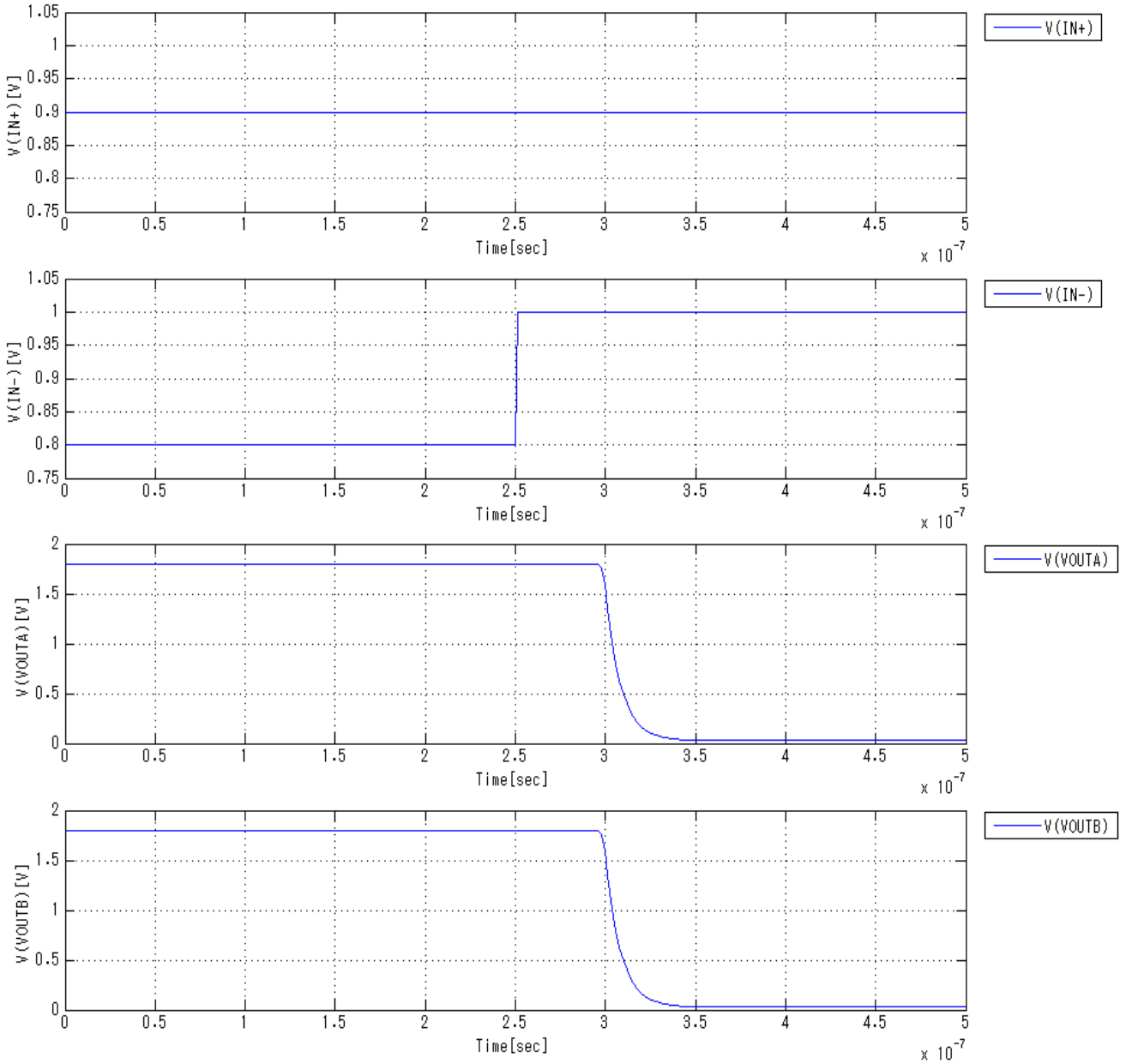
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

Transient4

Temp. = 25deg C



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