

PSpice Model

Digital Isolator

Analog Devices Inc.

ADUM1285WARZ

Model Information

Model	An original macro model		
Call Name	MDC_ADUM1285WARZ_PS		
Pin Assign	1:VDD1 2:VIA 3:VIB 4:GND1 5:GND2 6:VOB 7:VOA 8:VDD2		
File List	Model Library	MDC_ADUM1285WARZ_PS01.lib	
	Model Report	MDC_ADUM1285WARZ_PS.pdf (this file)	
Verified Simulator Version	PSpice version 16.6		
Note			

References

The information which was used for modeling is as follow:

[Data Sheet]	
●Date/Version	Rev.0
●Product name	ADUM1285WARZ
●Company name	Analog Devices Inc.
●Characteristics	VDD1:Powered VDD2:Powered,VDD1:Unpowered VDD2:Powered,VDD1:Powered VDD2:Unpowered

Simulation Condition

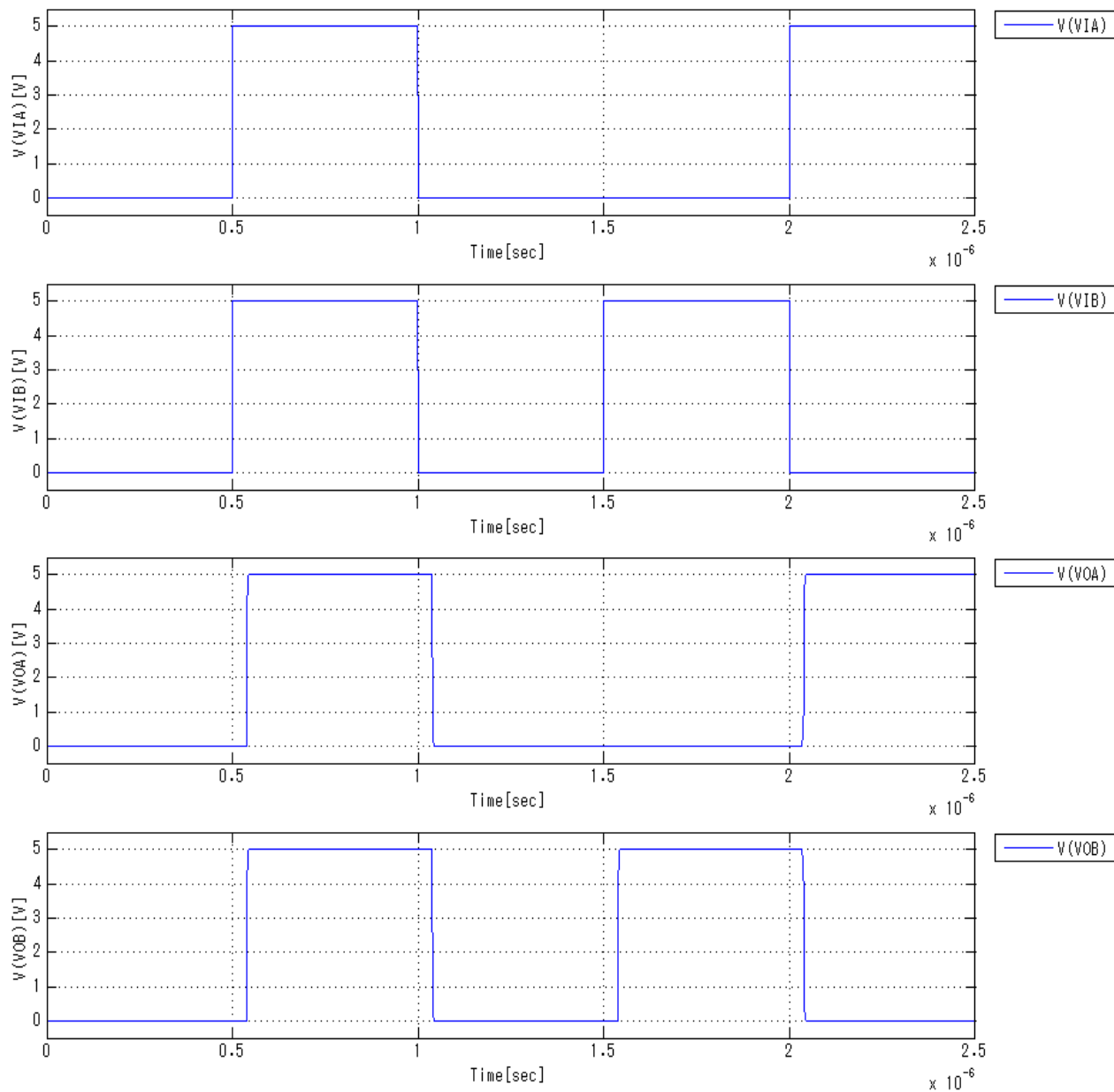
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.
Explanatory notes — : simulated

VDD1:Powered VDD2:Powered

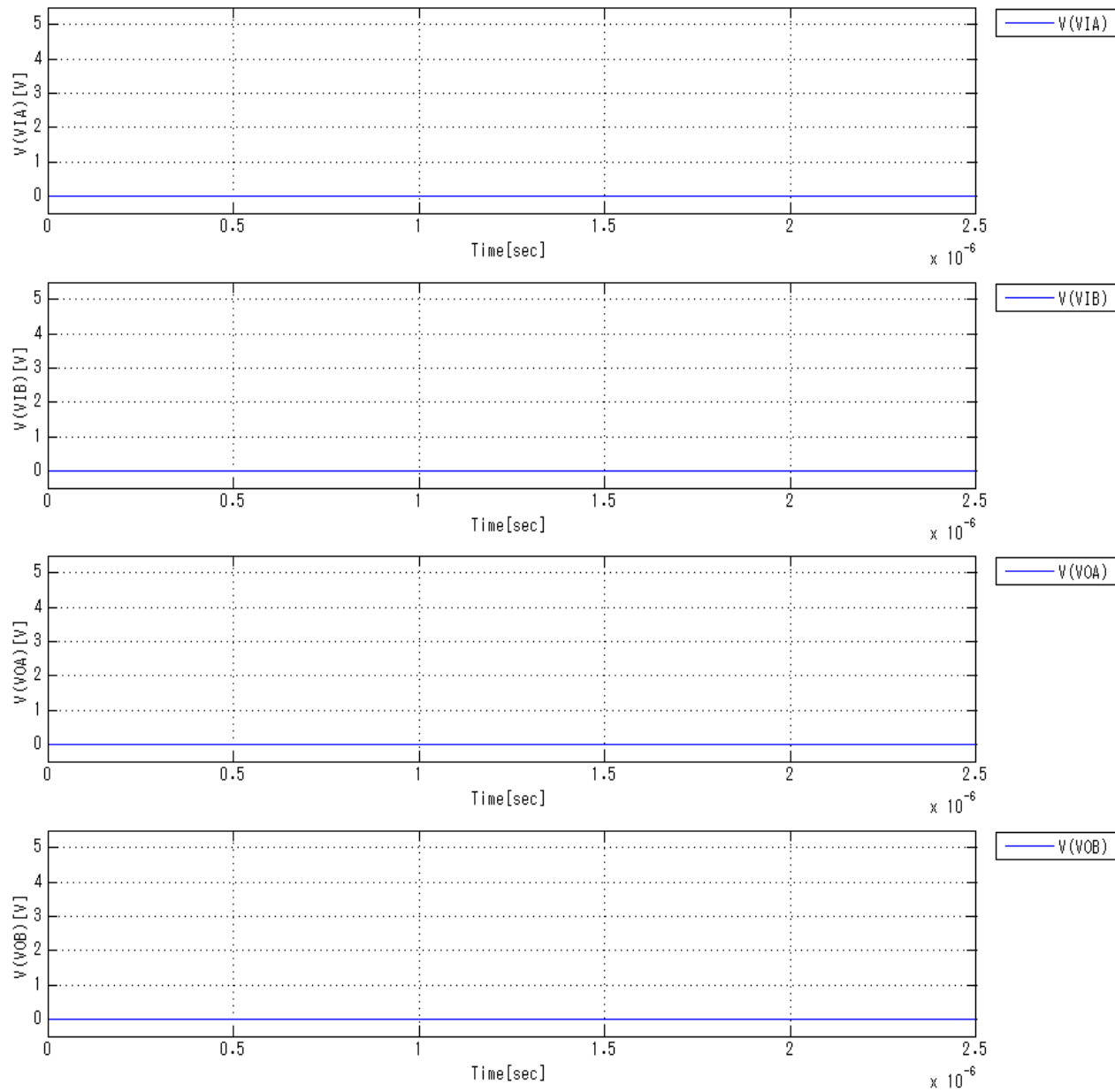
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

VDD1:Unpowered VDD2:Powered

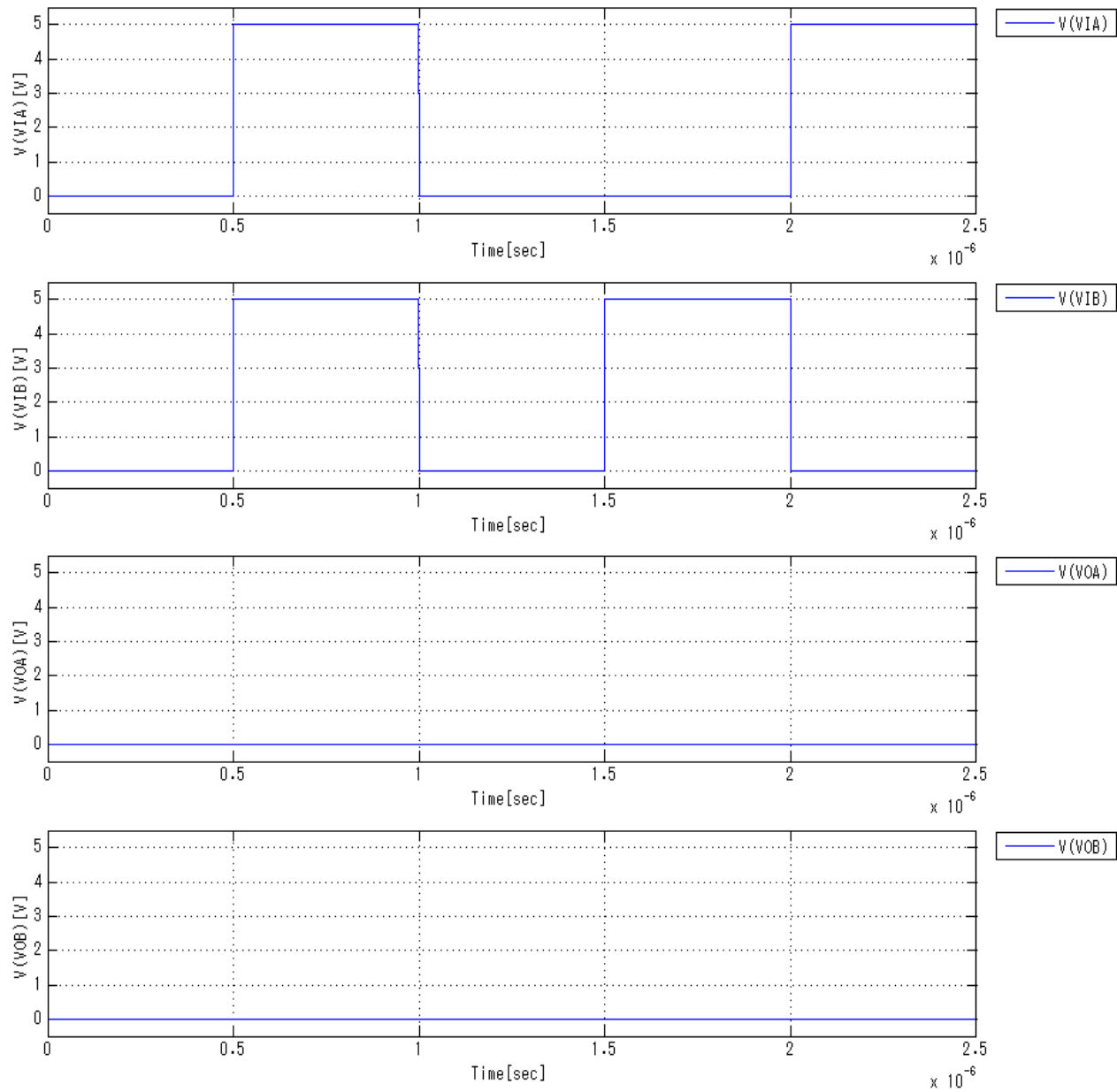
Temp. = 25deg C



Simulation results are following.
Explanatory notes — : simulated

VDD1:Powered VDD2:Unpowered

Temp. = 25deg C



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