

# LTspice Model

## Stereo Class-D Audio Power Amp.

### Texas Instruments Inc.

### TPA3110D2

#### Model Information

<b>Model</b>	An original macro model		
<b>Call Name</b>	MDC_TPA3110D2_LT		
<b>Pin Assign</b>	Show Note		
<b>File List</b>	Model Library	MDC_TPA3110D2_LT02.lib	
	Model Report	MDC_TPA3110D2_LT.pdf (this file)	

**Verified Simulator Version** LTspice version XVII

**Note**

1: \_SD 2: \_FAULT 3: LINP 4: LINN 5: GAIN0 6: GAIN1 7: AVCC 8: AGND 9: GVDD 10: PLIMIT 11: RINN 12: RINP  
 13: NC 14: PBTL 15: PVCCR 16: PVCCR 17: BSPR 18: OUTPR 19: PGND 20: OUTNR 21: BSNR 22: BSNL  
 23: OUTNL 24: PGND 25: OUTPL 26: BSPL 27: PVCCL 28: PVCCL

#### References

The information which was used for modeling is as follow:

[Data Sheet]	
●Date/Version	Unknown
●Product name	TPA3110D2
●Company name	Texas Instruments Inc.
●Characteristics	Transient

#### Simulation Condition

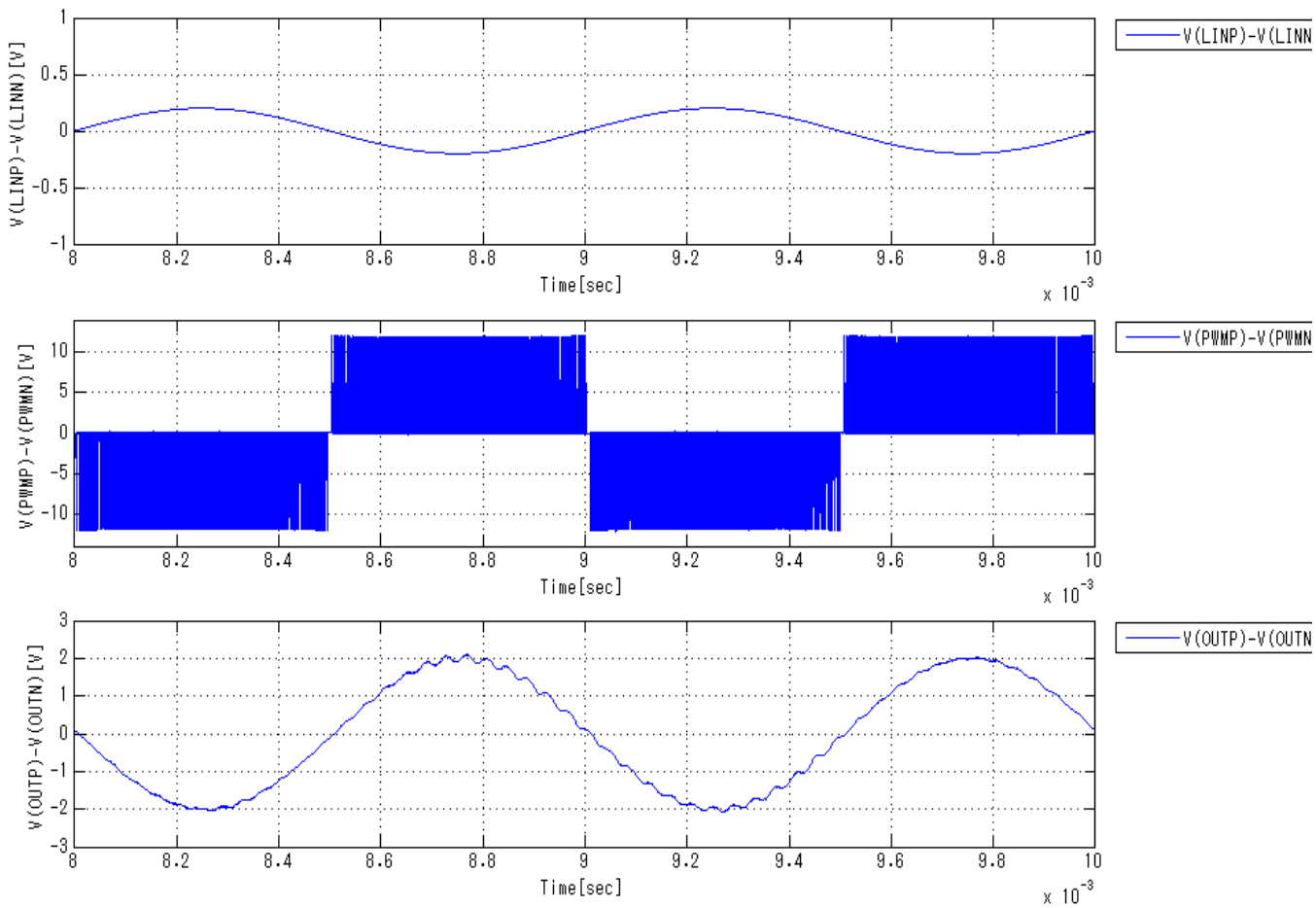
This table shows the value of evaluated simulation condition that was not occurs any convergence problems in this area.

Item	Condition	Unit
Temperature	25	deg C

Simulation results are following.  
Explanatory notes    — : simulated

Transient

Temp. = 25deg C



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