Hi ,

Please find the attached Design report (TPS54260) generated using SwitcherPro software.

The same circuit I have used to PSpice model the schematic & I could able to get the output Voltage of 14V as expected for duration up to 75 msec.

I have run the PSpice simulation for 100 mSec.

After 75 mSec the output voltage is oscillating between 0V and 14V with square wave.

TPS54260 all the pins waveforms are attached for reference.

**SS/TR pin waveform is equal to the input supply pin waveform. I feel SS/TR pin and VIN might have shorted in the PSpice model of TPS54260.**

**Per datasheet of TPS54260 SS/TR pin typical voltage is 1.15V & absolute max is 3V.**



Please let me know your suggestions what could be wrong.

Thanks & Regards

C K Gowda

Rockford, IL, USA

**PSpice Simulated Schematic.**

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**Simulated Waveforms on each Pins of TPS54260 shown below:-**

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