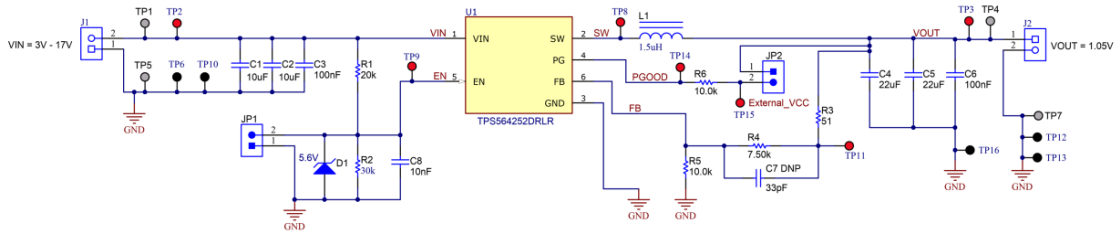


Output ripple test methods and results for TPS564255

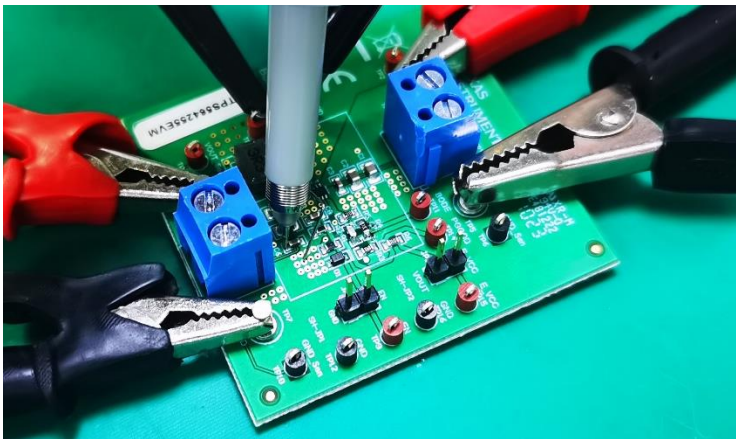
1. BOM changes from EVM



- Change R4 from 7.5k to 55k
- Add 33pF C7
- Change inductor from 1.5H to 3.3uH

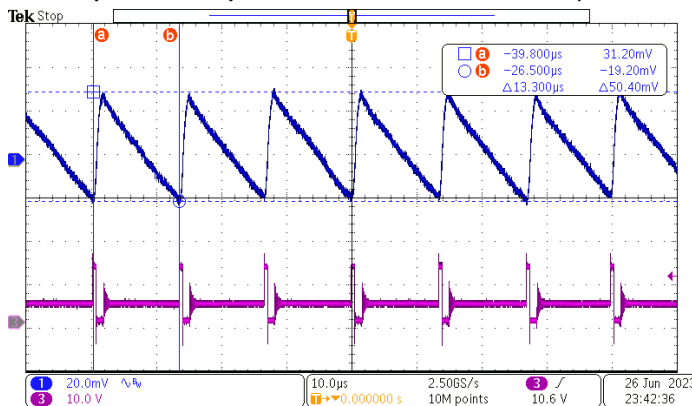
2. Test methods

Pigtail method is shown below to make the loop shorter

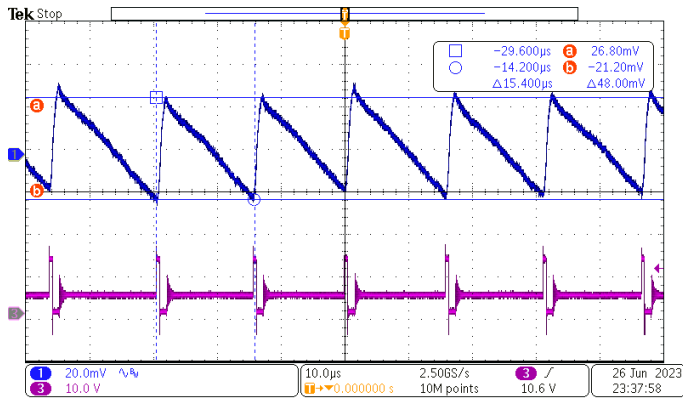


3. Test result

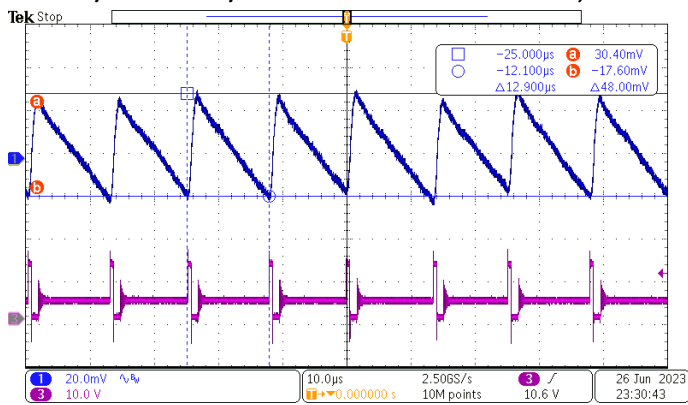
12Vin/3.9Vout/50mA: Channel1:Vout; Channel3:SW



12Vin/3.9Vout/65mA: Channel1:Vout; Channel3:SW



12Vin/3.9Vout/80mA: Channel1:Vout; Channel3:SW



12Vin/3.9Vout/100mA: Channel1:Vout; Channel3:SW

