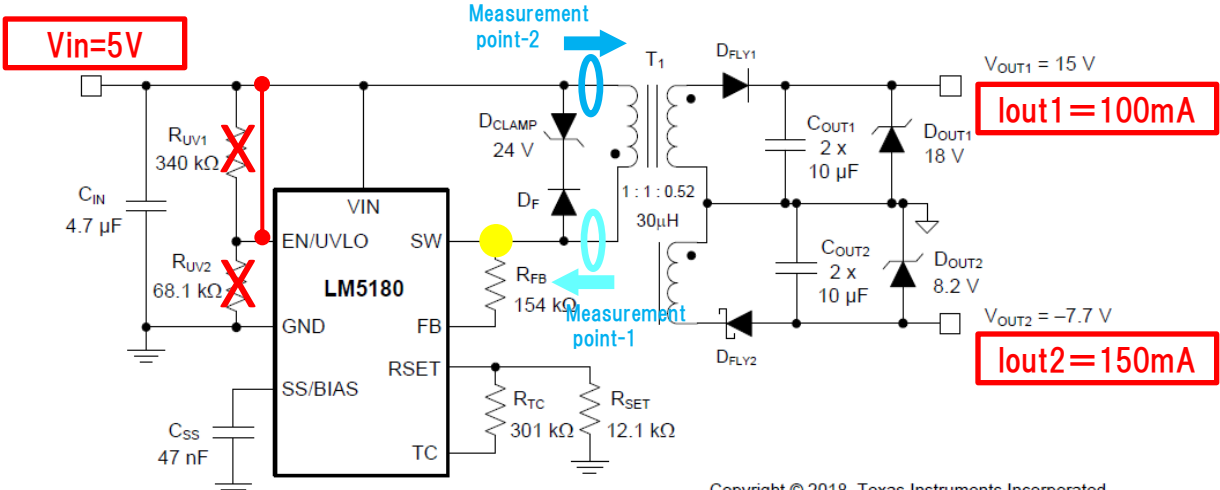
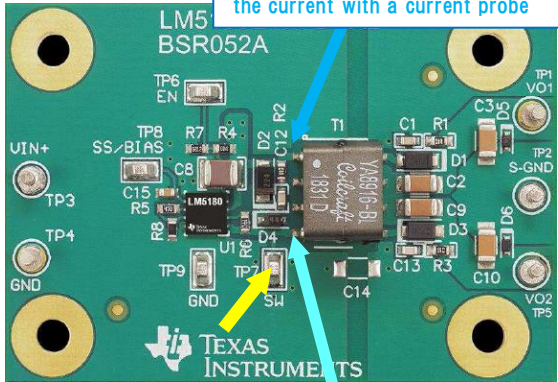


◆ LM5180: About correct measurement point at switching current

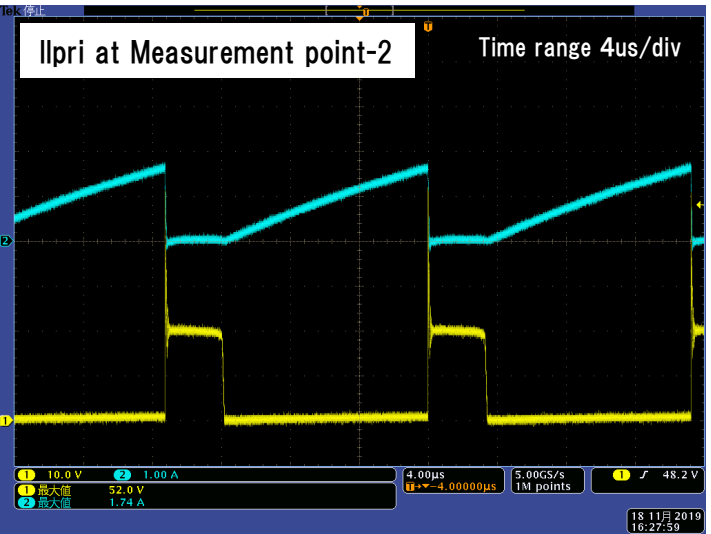
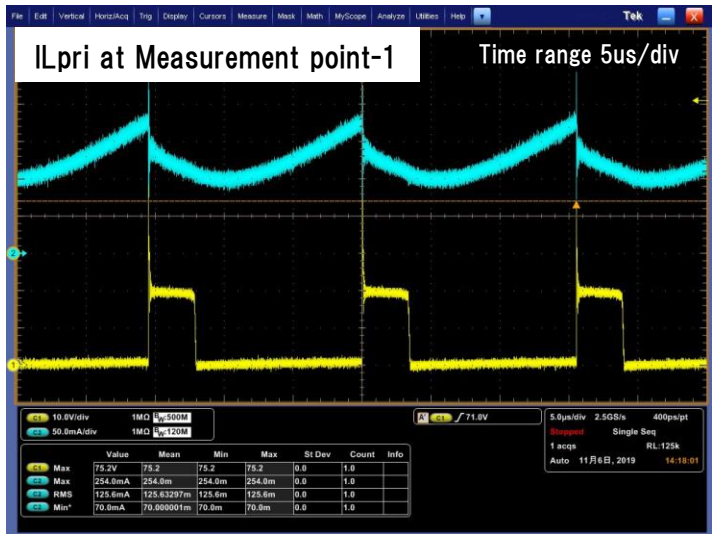


Measurement point-2:
Lift this terminal of the transformer, connect the lead wire, and measure the current with a current probe



Measurement point-1:
Lift this terminal of the transformer, connect the lead wire, and measure the current with a current probe

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Questions:

Q1: The current that flows through the SW pin of the IC seems to be the same as the current waveform at measurement point 2. Is this understanding correct?

Q2: Why are the current waveforms (values) measured at these two points different?

Ch1: SW pin voltage Ch2: Lpri current(IL_pri)