

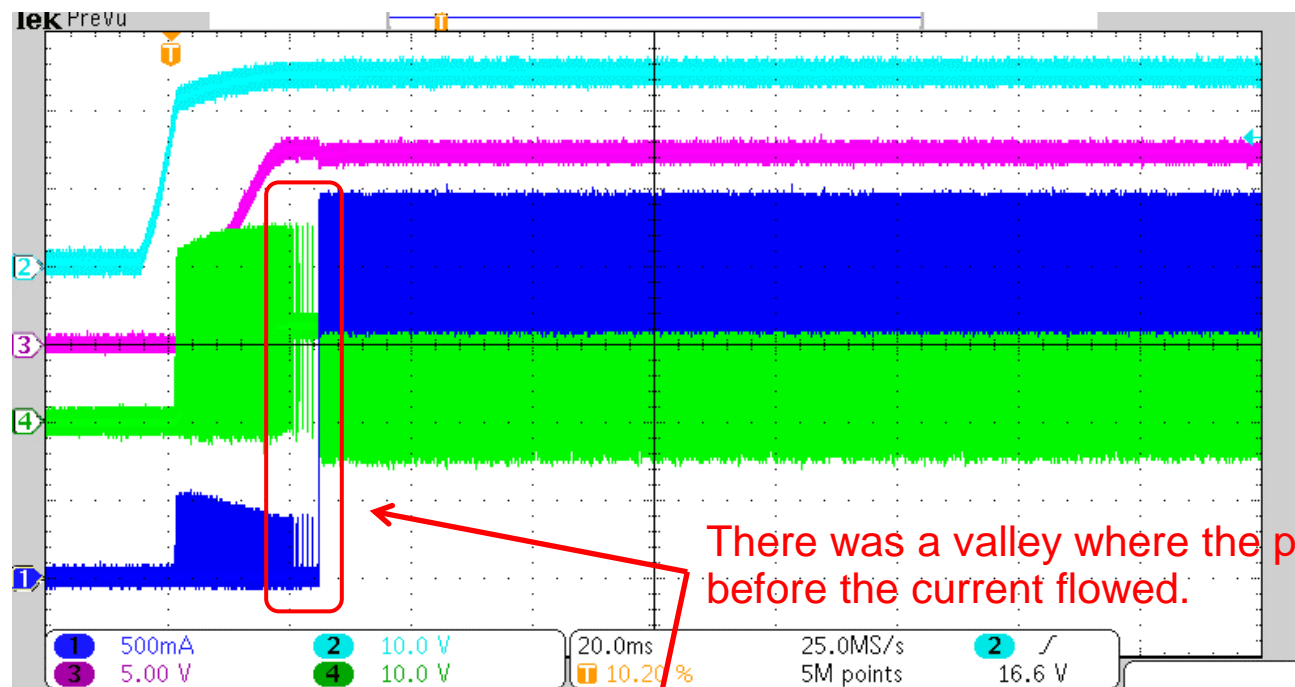
CH1~CH4 is waveform probe point.



Figure 18. TPS54336AEVM-010 Schematic

TPS54336A
Input Voltage : 24V
Output Voltage : 12V
Iout : 2A
Fsw : 340kHz

Waveform①



<Wave point>

CH1 : Inductor Current

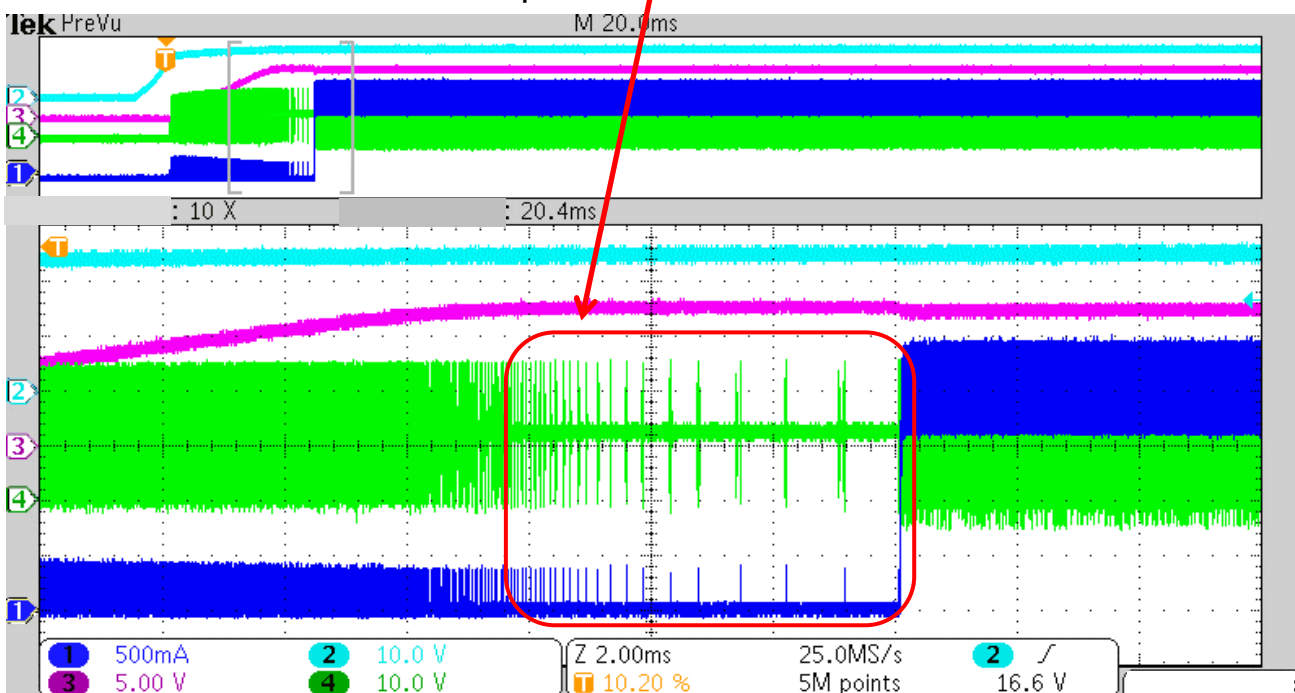
CH2 : Input Voltage

CH3 : Output Voltage

CH4 : Switching Voltage

There was a valley where the pulse disappeared just before the current flowed.

Waveform② (Waveform② is expanded waveform of waveform ①)



What kind of principle is this behavior like?
Is there no problem in behavior?