

Buck2_1.15V_OV_UV_Test:

1. Keithley 2420 SourceMeter (SM) was used which can source and sink 3A current.
2. The voltage measurement by the scope has about +5% tolerance; all measurements below for reference.
3. Applied 1.25V from the SM to the Buck2 output, got nRSTOUT falling edge at 1.118V as an UV event.
4. Applied 1.05V from the SM to the Buck2 output, got nRSTOUT falling edge at 1.242V.
5. When above OV/UV event happened, the nRSTOUT and nINT pins to be pulled low, and both rising up high after write "1" to clear with OV/UV condition disappearing.
6. FYI; if above OV/UV event needs to reset the PMIC; then "STATE_TRANSITION" bit needs to be changed from current "1" to "0".

