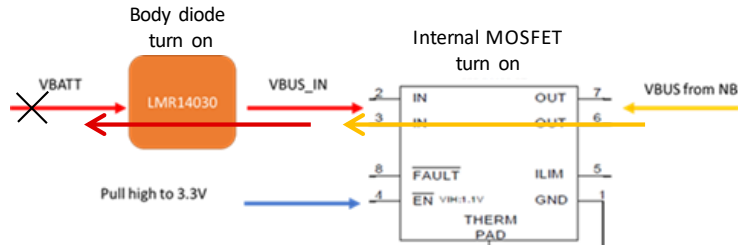
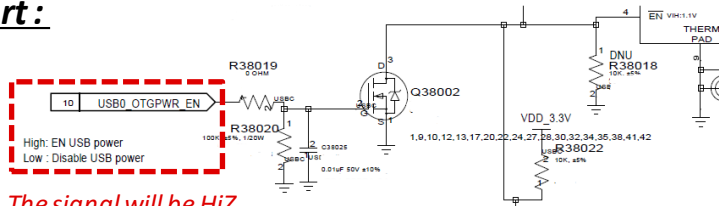


# TPS2556 Voltage Leakage Issue

## Block diagram :

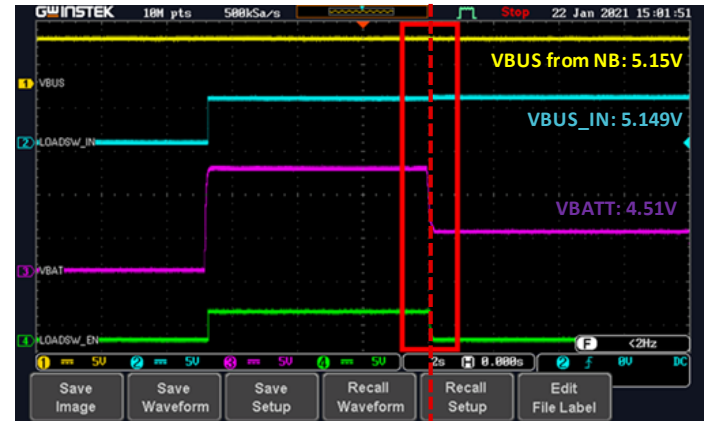


## EN part :



The signal will be HiZ when VBATT power off.

## Waveform :



VBATT power off

## Conclusion :

- We find that TPS2556 is turn on internally when VBATT is power off. At that moment, EN pin is low active and VBUS voltage pass through the internal MOSFET.