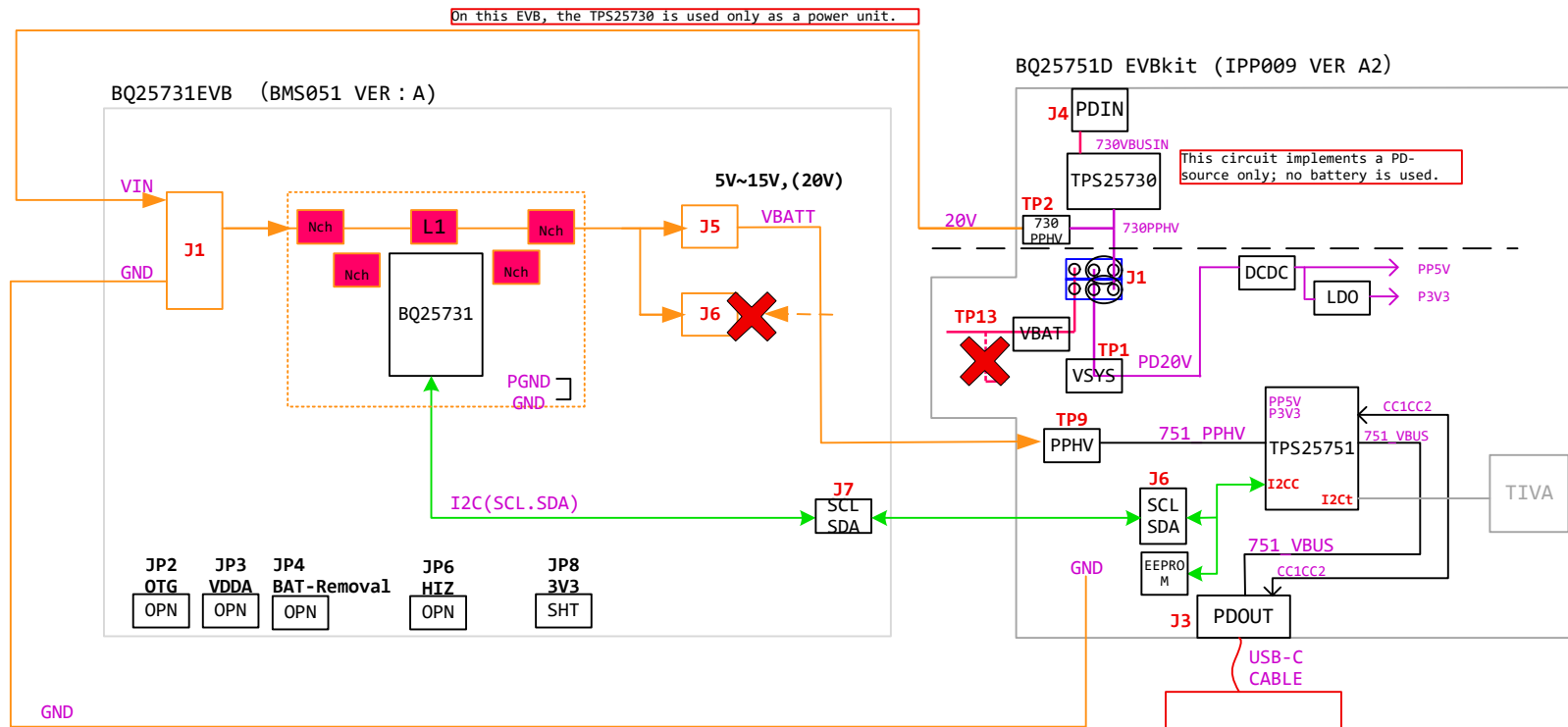


It doesn't work as expected.



JP2 : Since this system is configured using only PD-SOURCE Function (TPS25751 and BQ25731), the concept of OTG is not relevant.
Therefore, it is BQ25731 unclear how to handle OTG (JP3) in this case.

JP3 : BATT NOT USE -ALL OFF?

JP4 : BAT-Removal SHORT?

The USB-C device requests 15V, but even the initial VBUS of 5V is not output.

The VBAT of the BQ25731EVb briefly uses 5V, resulting in a voltage of about 4V. (I suspect that the internal 5V voltage of the TPS25751 is appearing in the VBUS when the internal switch is switched.)

Also,

If the PD01 group is set to internal 5V in the settings, 5V is generated in the VBUS, but when it switches to PD02 or PD03, the BQ output disappears.