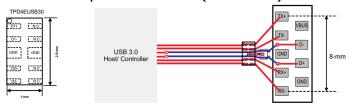
We are curious as to what is going on internally on these NC pins.

Are they just wire bonded open or are they connected somehow?

I notice in the datasheet it says "normally not connected", but in the layout image they have the NC pins connected (see below)



Do you see any issues with this schematic connection:

