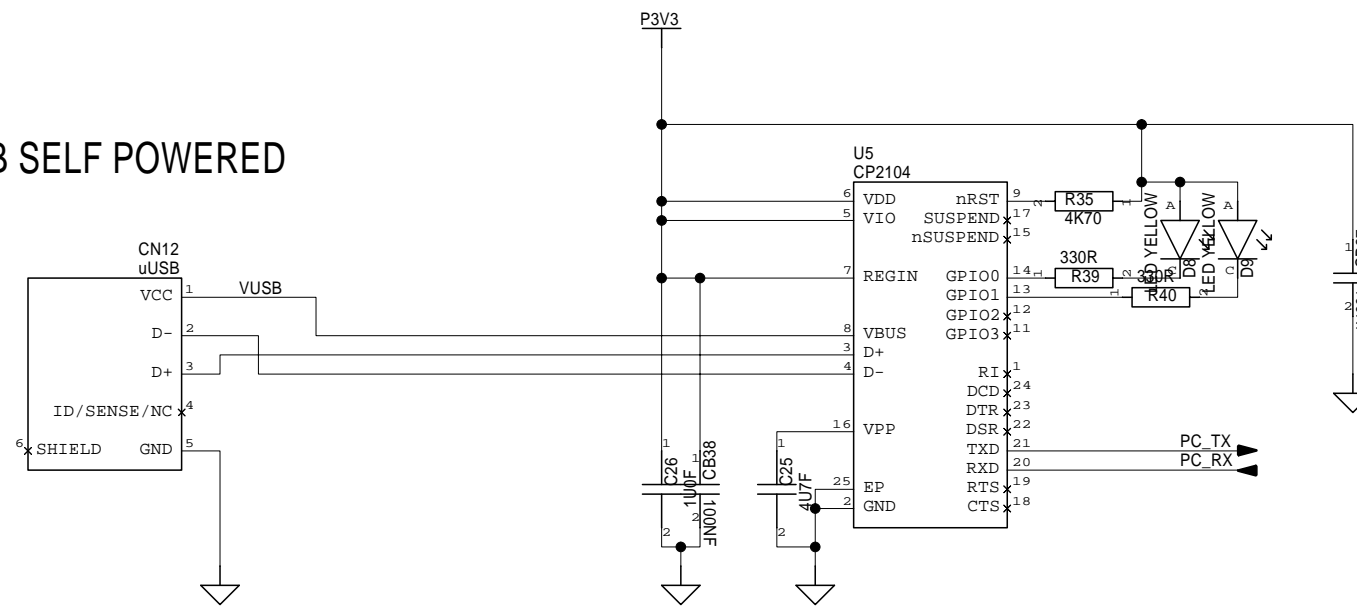


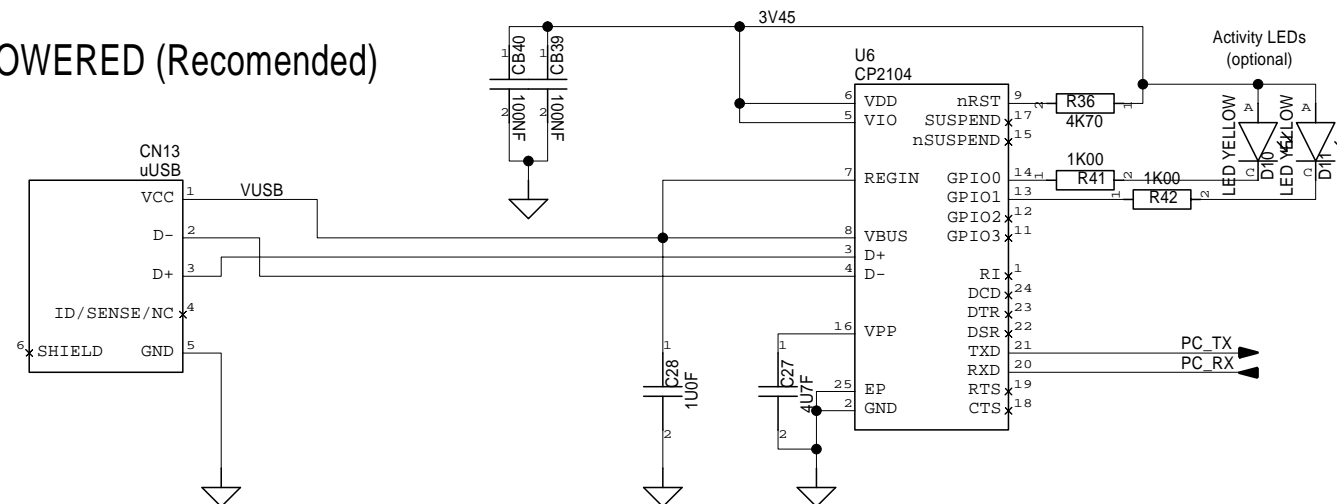
USB SELF POWERED



USB Self powered application
- Powered through external 3V3 regulator

Note that CP2104 will lose its power (eg connection to PC) when power is turned off. This can be troublesome during ex reset

USB BUS POWERED (Recomended)



USB Bridge Bus powered

CP2104 Powered through USB 5V0

Rest of circuit powered through external regulator fed from either USB or external supply.

This will ensure CP2104 is operational as long as USB is connected, even when external power is removed, without overloading the internal regulator.

For low power applications the internal regulator may be used (max 100mA).

Enable Rx/Tx LED

Use CP21xx Customization Utility (AN721SW)

Select Port Configuration

-> Latch Control

-> Value

-> select GPIO.0 and 1

PROJECT:	CP2104 UART - USB BRIDGE
SHEET NAME:	TOP
DATE: 25.05.2016	UNIVERSITY OF OSLO
VER:	Dept. of Physics ELAB
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