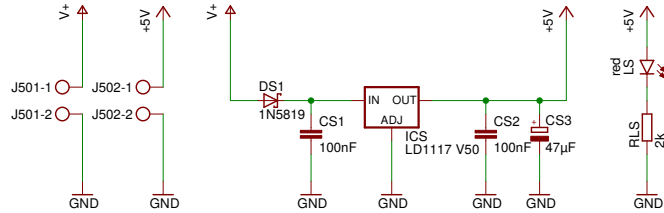
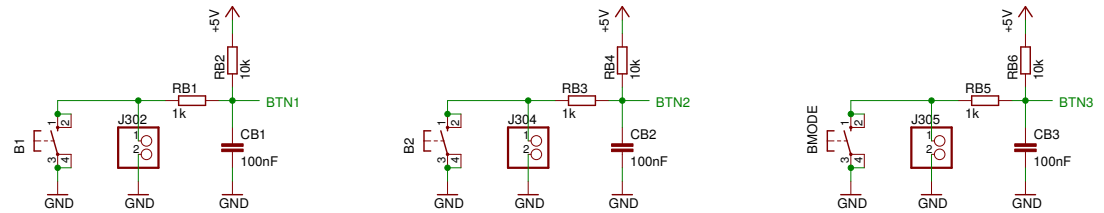


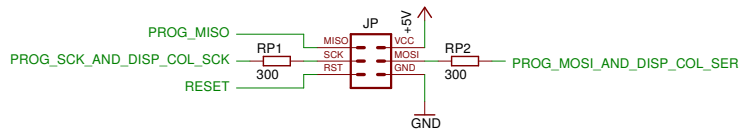
## Supply



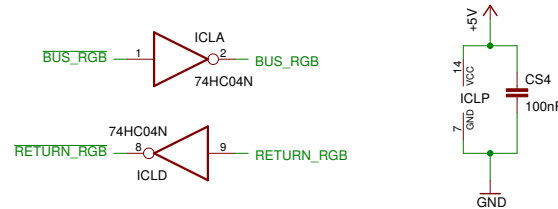
## Buttons



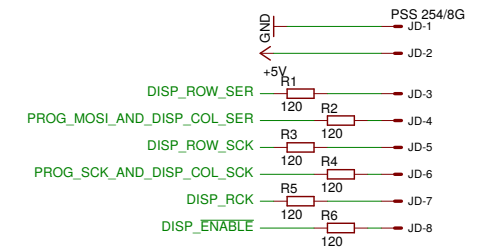
## Programmer



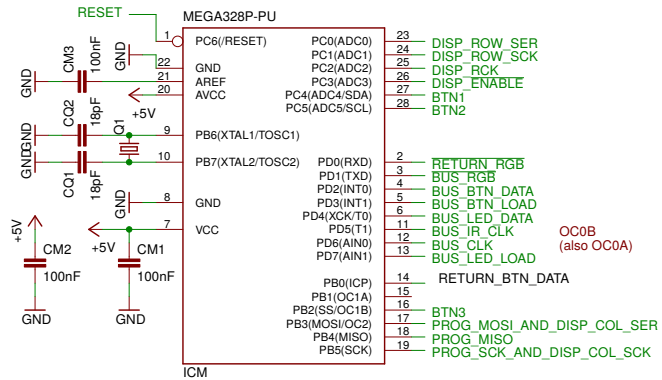
## Logic



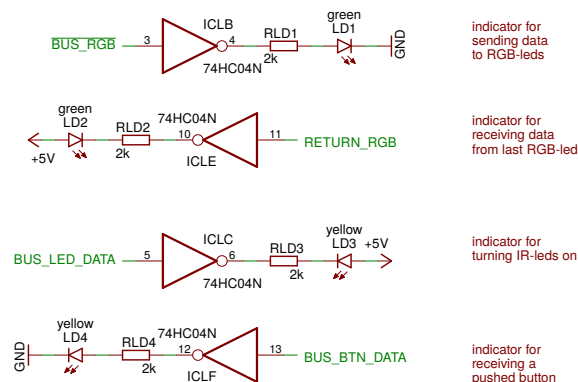
## Out Display



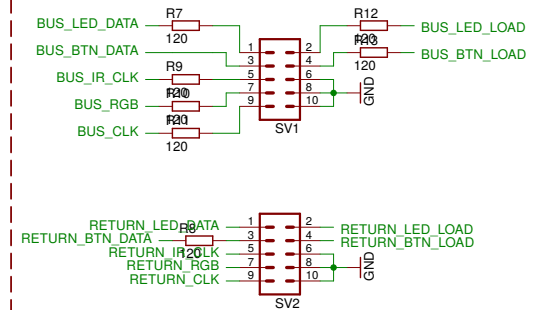
## MCU



## Additional



## In/Out Bus



Peter Weissig

TITLE: circuit

Document Number:

REV:

Date: 17.11.19 18:14

Sheet: 1/1

1. Inversion of UART:  
bus-protocol for RGB-LED (WS2812B)  
is invers to UART-Protocol  
i.e. idle is low instead of high

2. Additional features:  
power supply  
button 3  
data leds (RGB, IR, Button)

3. only for self-test:  
BUS\_BTN\_DATA  
RETURN\_RGB  
RETURN\_LED\_DATA