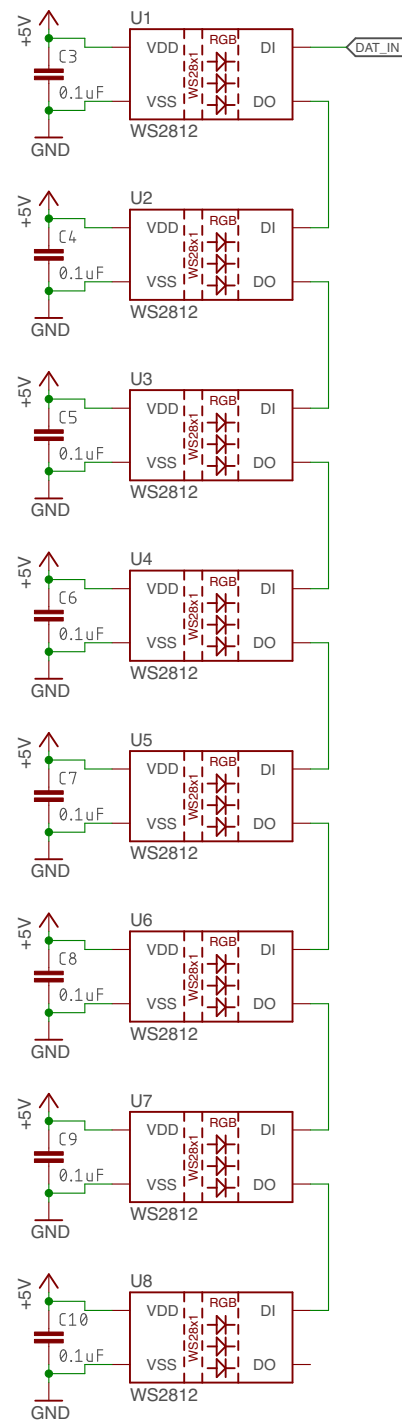
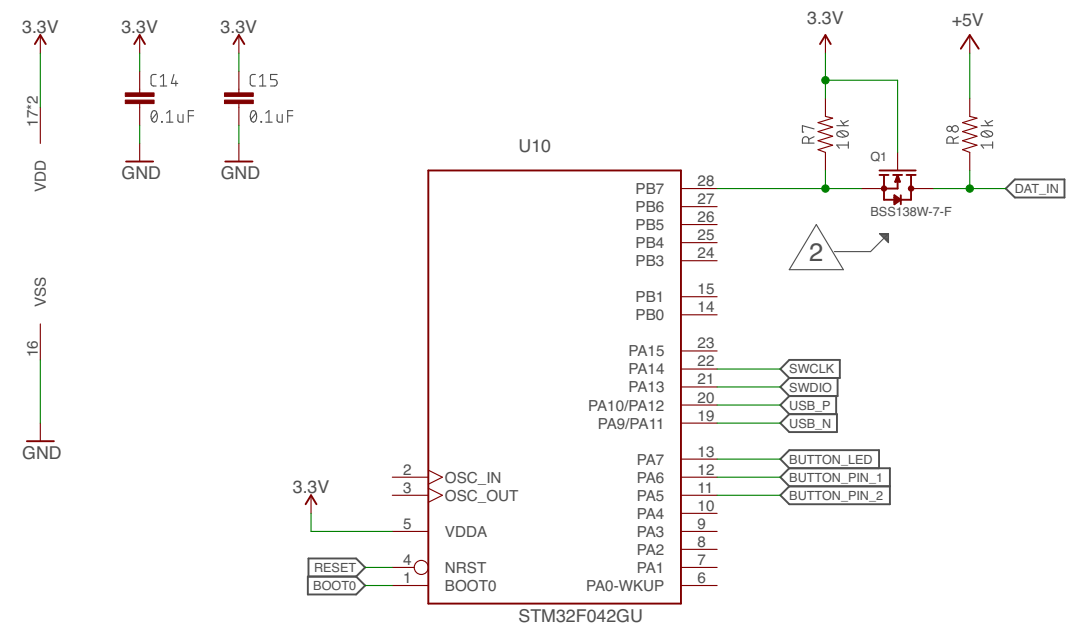


LEDS



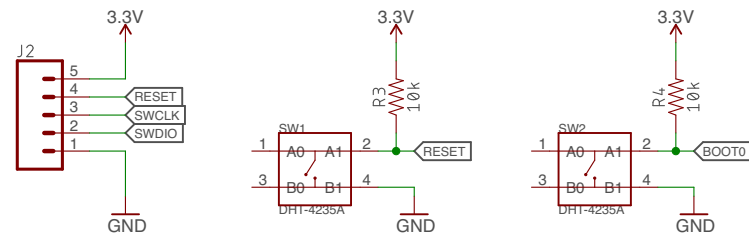
MICROCONTROLLER



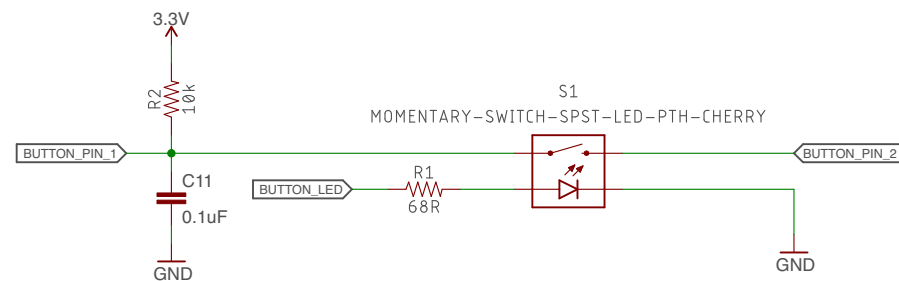
TODO:

1. Label SW-DEBUG port pins
2. Set BOOT0 to pull-down
3. Move DAT_IN to SPI1 MOSI (PA7)
4. Move Button Pins and Button LED
5. Add inrush current protection (IC)

SERIAL WIRE DEBUG & RESET



ONE BUTTON



2. LEVEL SHIFTER, 3.3V TO 5V. REQUIRED BY WS2812 FOR UNIPOLAR NZR COMMUNICATION
1. IN-LINE TERMINATION RESISTORS FOR USB 2.0, USB DP PULL-UP IS INTERNAL TO MCU
NOTES: THIS PAGE

<h1>ONE BUTTON</h1>	
TITLE: OneButton	
Document Number: OB_1	REV:
ENGINEER: A. KOURCHIANS	A
Date: 1/15/18 9:11 PM	Sheet: 1/1