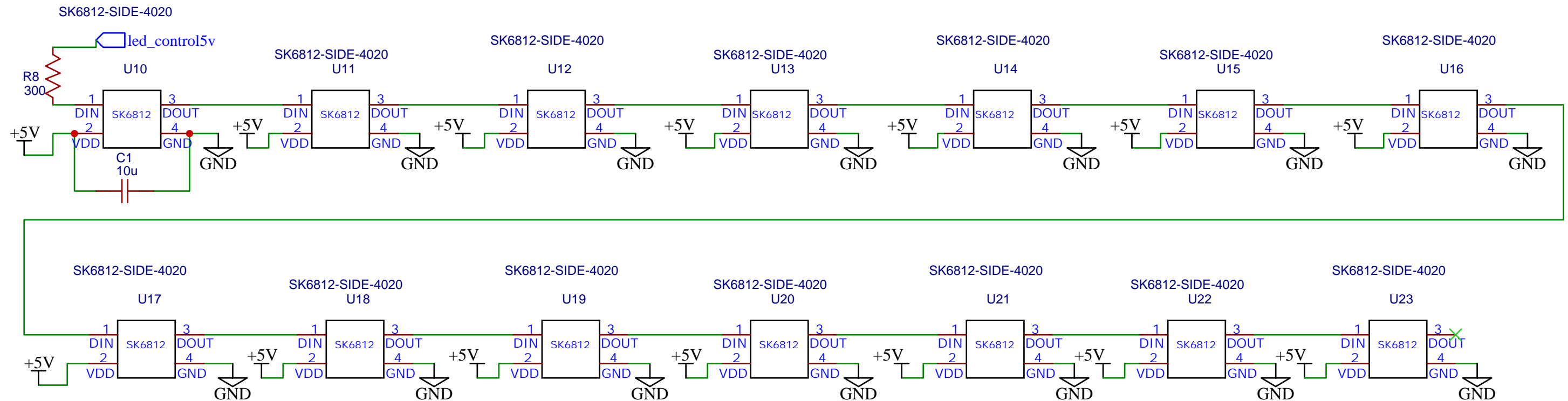
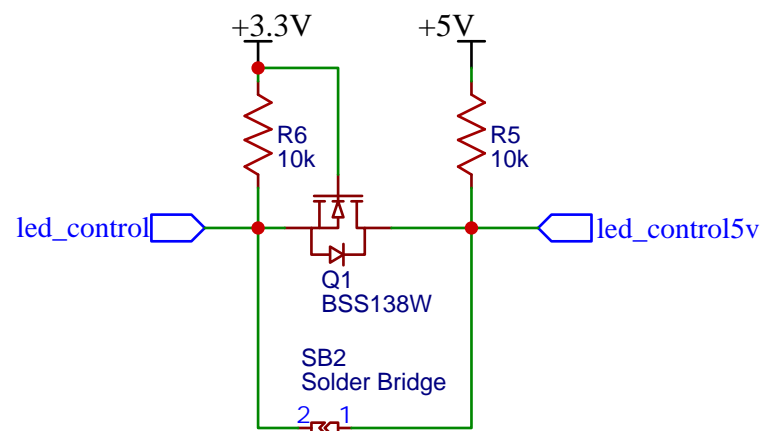


LEDs



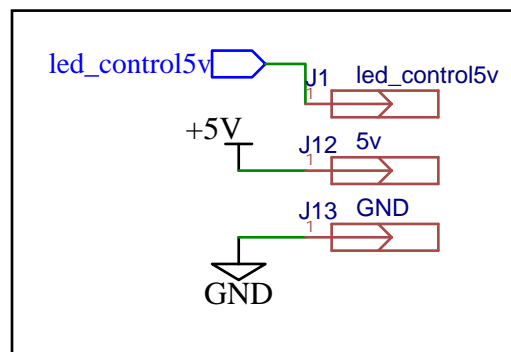
Best practice is to put 10uF - 100uF cap at C1 to prevent power sags causing color changes
<https://learn.adafruit.com/adafruit-neopixel-uberguide/best-practices>

3.3 -> 5v logic shifter

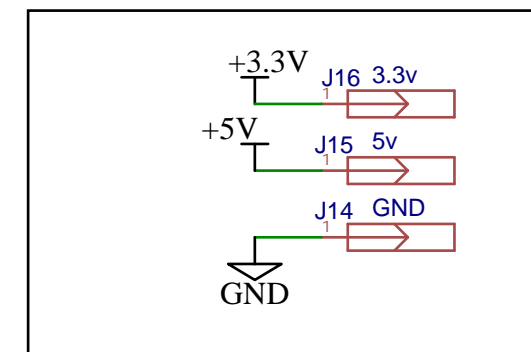


WS2812 works on both 3.3 or 5v logic, however 5v is recommended
<https://learn.adafruit.com/neopixel-levelshifter/shifting-levels>
<https://www.sparkfun.com/products/12009>
 Remove Q1 and solder SB2 to use 3.3v (prototypes only)

Test Pad



Power Pad



TITLE: LEDs		REV: 0.7
嘉立创EDA	Company: AnkerMgmt	Sheet: 1/1
	Date: 2023-04-11	Drawn By: Spuder

1	2	3	4	5	
A					A
B					B
C					C
D					D
1	2	3	4	5	

TITLE: Sheet_1			REV: 1.0
	Company: Your Company		Sheet: 1/1
	Date: 2023-04-29 Drawn By: Spencer Owen		