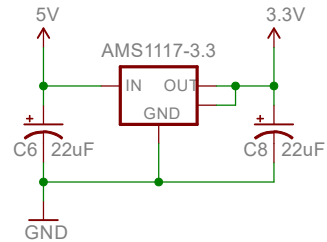
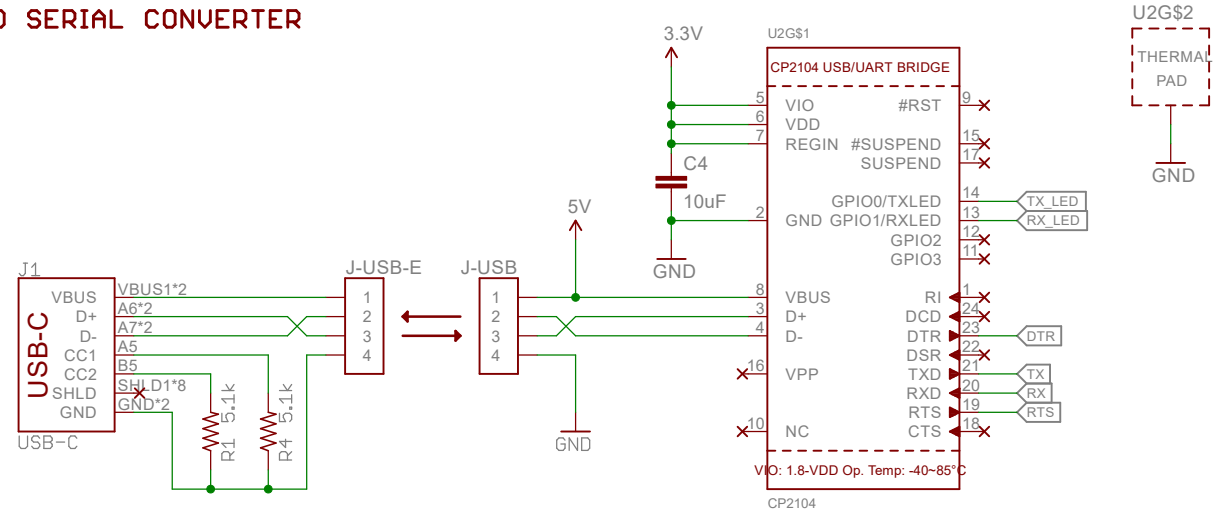


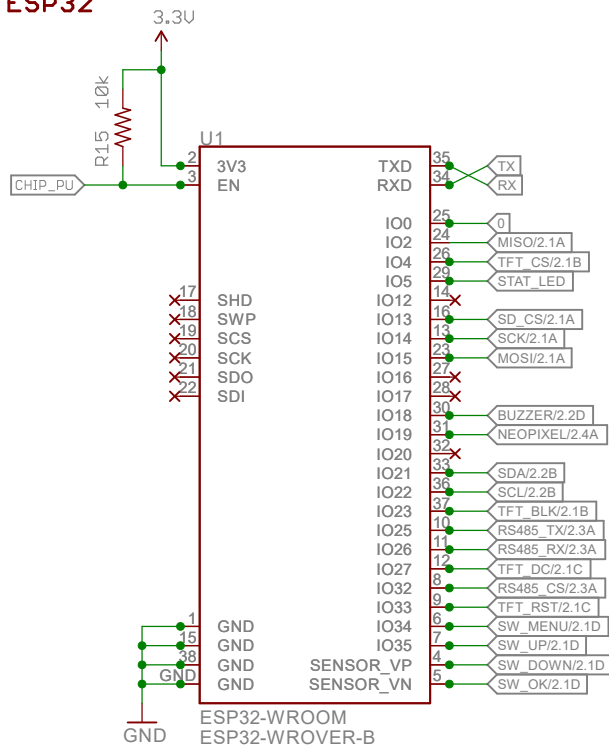
POWER REGULATOR



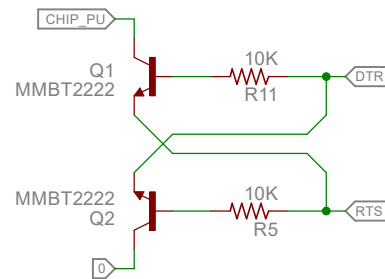
USB TO SERIAL CONVERTER



ESP32



AUTO BOOT



```

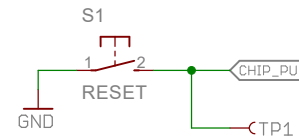
Boot Mode Configuration
Pin           Default      Boot      Download
GPIO0        1           1         0
U0TXD        1           1         x
GPIO2        0           x         0
GPIO4        0           x         x
MTDO         1           x         x
GPIO5        1           1         x
If U0TXD, GPIO2, GPIO5 are floating,
GPIO0 determines boot mode

If DTR is LOW,
toggling RTS from HIGH to LOW resets to run mode.

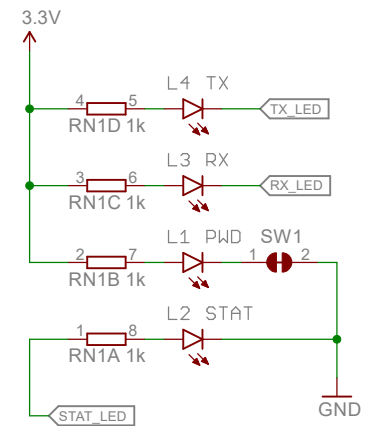
If RTS is HIGH,
toggling DTR from LOW to HIGH resets to bootloader.

```

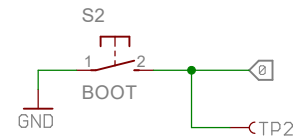
RESET BUTTON



STATUS LEDs



BOOT BUTTON



TITLE:
STAIR LIGHT CONTROLLER

LICENCE:
<http://giltesa.com>



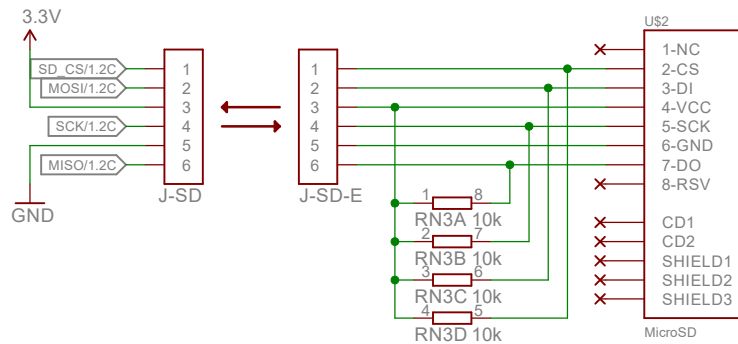
FILE: stair light controller

REV: V1.0

Date: not saved!

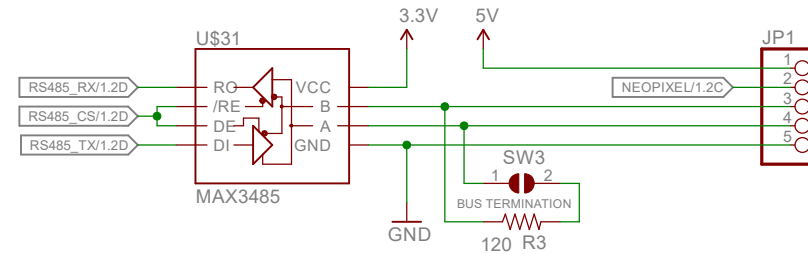
Sheet: 1/2

MICROSD



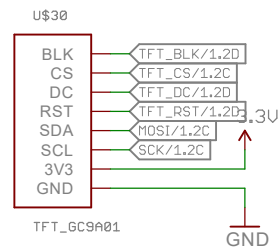
BUS COMMUNICATION OVER RS485

EXT-CONN

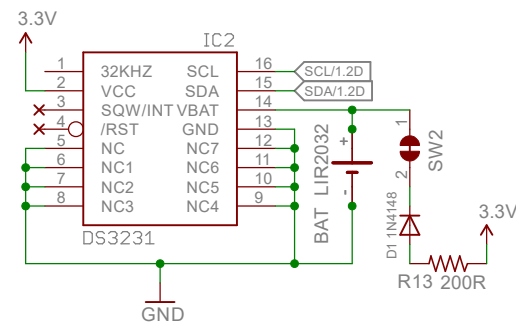


CHECK RESISTOR VALUE FOR 3V3

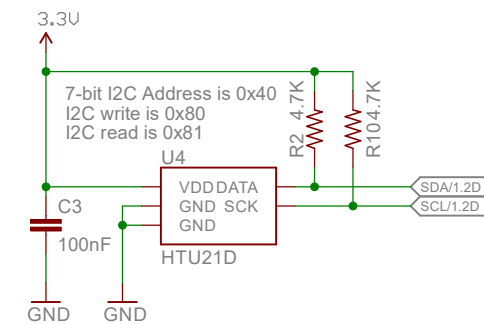
IPS SCREEN



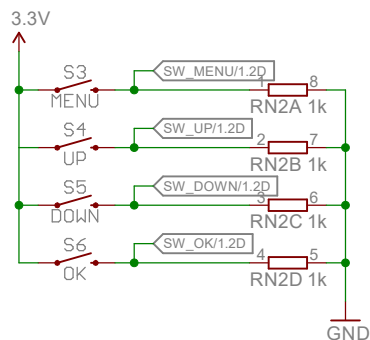
REAL TIME CLOCK



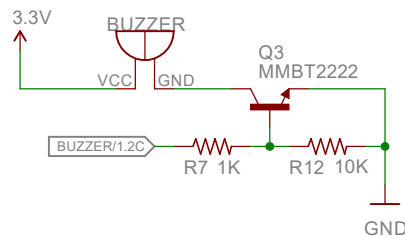
TEMP SENSOR



SWITCHES



BUZZER



TITLE:
STAIR LIGHT CONTROLLER

LICENCE:
<http://giltesa.com>



FILE: stair light controller

REV: V1.0

Date: not saved!

Sheet: 2/2