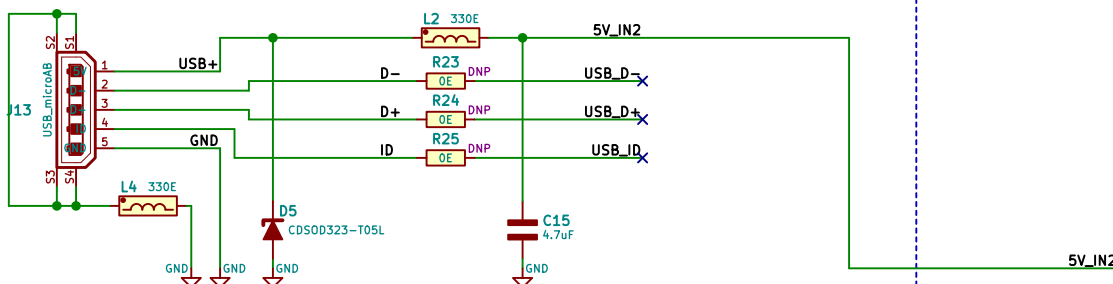


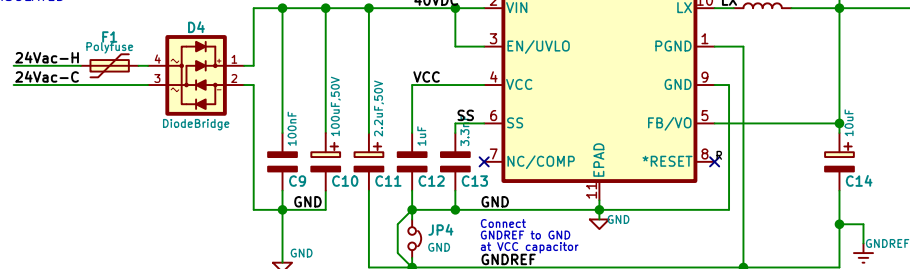
INPUT POWER

Input Power sources are :
a. Micro USB 5V to Wemos Lolin
b. 28 V AC to 5 V DC via switching regulator
c. Micro USB on Wyostat (only Power, no Data)
When using option "b" or "c", the micro USB cable MUST be removed to prevent power conflicts.
When using option "a", the Power Selector Header must be in OFF position.

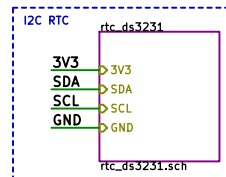
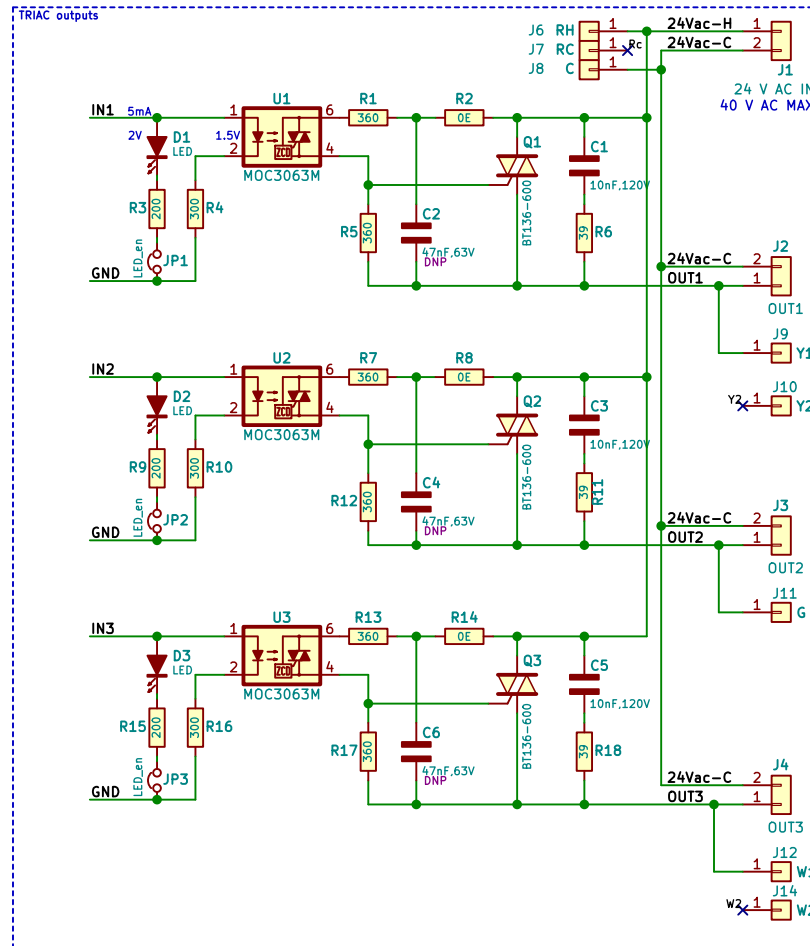
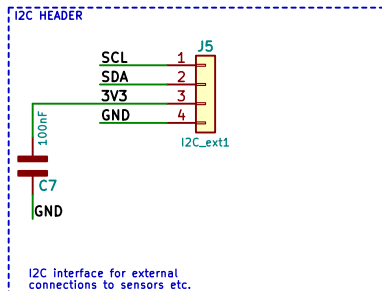
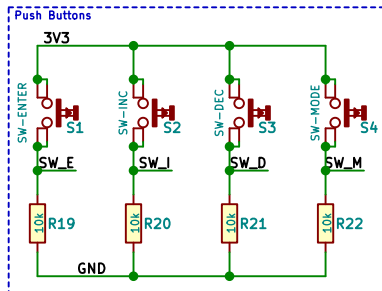
USB INPUT + REGULATOR



AC-DC POWER SUPPLY 40 V AC MAX. ISOLATED



BOM :
1. ESP32 : Wemos Lolin
2. Opto : MOC3063SR2M
3. Triac : BT134-600E.127 (TH)
4. LED : LTST-C193KGKT-5A
5. Bridge Rectifier : MDB6S
6. PTC Fuse : 0ZCF0075AF2C
7. DC-DC Converter : MAX17502
8. 10nF/120V AC : LDEIB2100KA0N00
9. 47nF/63V AC : LDEEB2470KA0N00
10. Inductor L1 : ELL-8TP220MB
11. 100uF/50V Elco : HHXC500ARA101M5A06
12. 100uF/50V Elco : EMZA630ADA101M5A06



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File: wyostat.sch

Title: WYOSTAT

Date: 2018-03-12
Rev: rev 1
Id: 1/2



