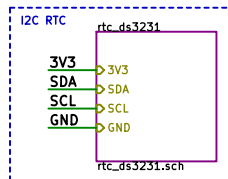
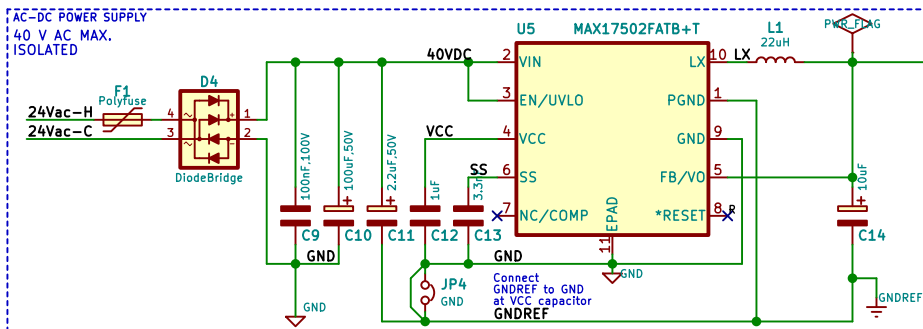
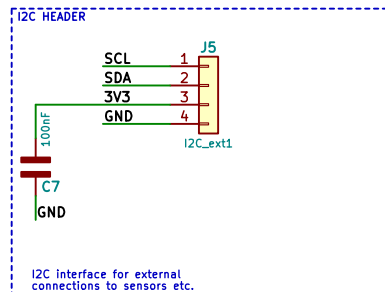


Input Power sources are :

- a. Micro USB 5V to Wemos Lollin
- 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.



24VAC MAX., ISOLATED
DO NOT CONNECT 115VAC

SC1 SC3

SC2 SC4



BOM :
1. ESP32 : Wemos Lolin
2. Opto : MOC3063SR2M
3. Triac : BTA204S-600E-118 (SMD)
4. LED : LTST-C193KGT-5A
5. Bridge Rectifier : MDB6S
6. PTC Fuse : 02CF0075AF2C
7. DC-DC Converter : MAX17502
8. 10nF/120V AC : LDEIB2100KA0N00
9. 47nF/63V AC : LDEE87240KA0N0
10. Inductor L1 : LLL-B8TP220M
11. 100uF/50V Elco : HHXC500ARA10
: EMZA630ADA10

Source: A4	Date: 2018-03-12	Rev: rev 1
License: E.D.A.	kicad 5.0.0-rc2-dev-unknown-1cd647763ubuntu16.04.1	Id: 1/2

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1MJA0G kicad E.D.A. kicad 5.0.0-rc2-dev-unknown-1cd647763ubuntu16.04.1
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Rev: rev 1
Id: 1/2

Id: 2/2