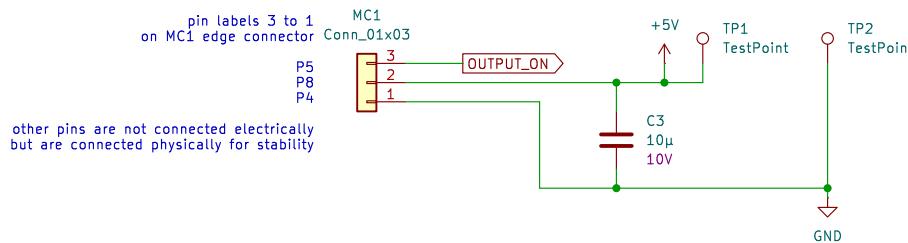


ceramic capacitors on this page are 10V X5R unless otherwise noted

A

A



#### Device markings:

Model: Tapo 125M  
Rating: 100–125V~ 50/60Hz  
Max Load: 15A 1800W (General Use/Resistive Load)  
8A Incandescent 1/6HP Motor

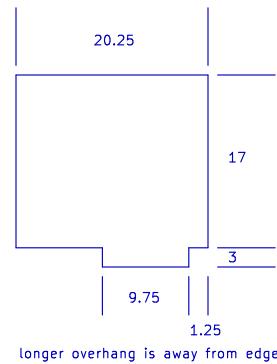
FCC ID: 2AXJ4P125

B

B

alternate footprint design  
footprints:MCU\_interface\_accurate  
is available. It better represents the real thing physically  
but is a nightmare to check in KiCAD. And it might not fab anyway.

controller board: all dimensions in mm



sub board has on front (toward edge of main board)

RealTek RTL8720CM  
tactile button  
LED (2 color?)  
crystal  
shielded inductor  
RF testing connector (MMCX?)

on back:  
cFeon serial NOR flash EN25QHB marked QH328-104HIP  
in SOP8 package  
SOT-23-5 SMPS marked TACeE1  
in SOT23-5 package

power supply

File: powersupply.kicad\_sch

power control

File: powercontrol.kicad\_sch

D

D

Sheet: /  
File: smart-outlet-t-reverse.kicad\_sch

**Title: T smart switched power outlet**

Size: USLetter Date: 2025-08-17

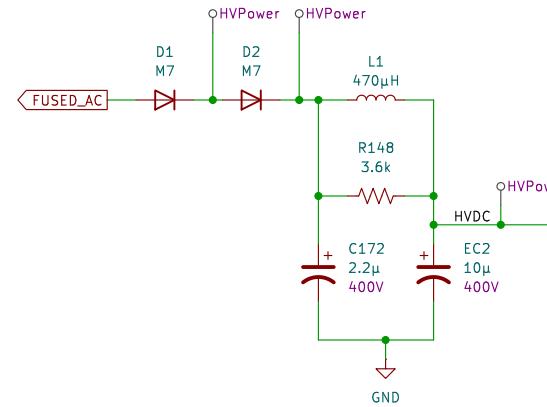
KiCad E.D.A. 9.0.6

Rev: a

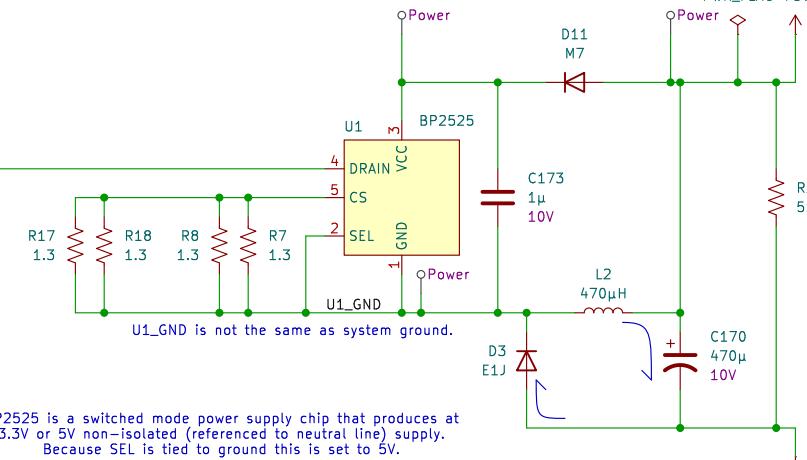
Id: 1/3

ceramic capacitors on this page are 10V X5R unless otherwise noted

A



M7 diodes are similar in specification to 1N4007 but are in surface mount packages.



BP2525 is a switched mode power supply chip that produces at 3.3V or 5V non-isolated (referenced to neutral line) supply. Because SEL is tied to ground this is set to 5V.

U1 produces a regulated voltage output at the right side of L2 referenced to system ground even though it does not directly receive system ground. It must rely on a calculated relationship between U1\_GND and GND. The datasheet seems to indicate that current sensing is part of this.

B

A

C

B

D

C

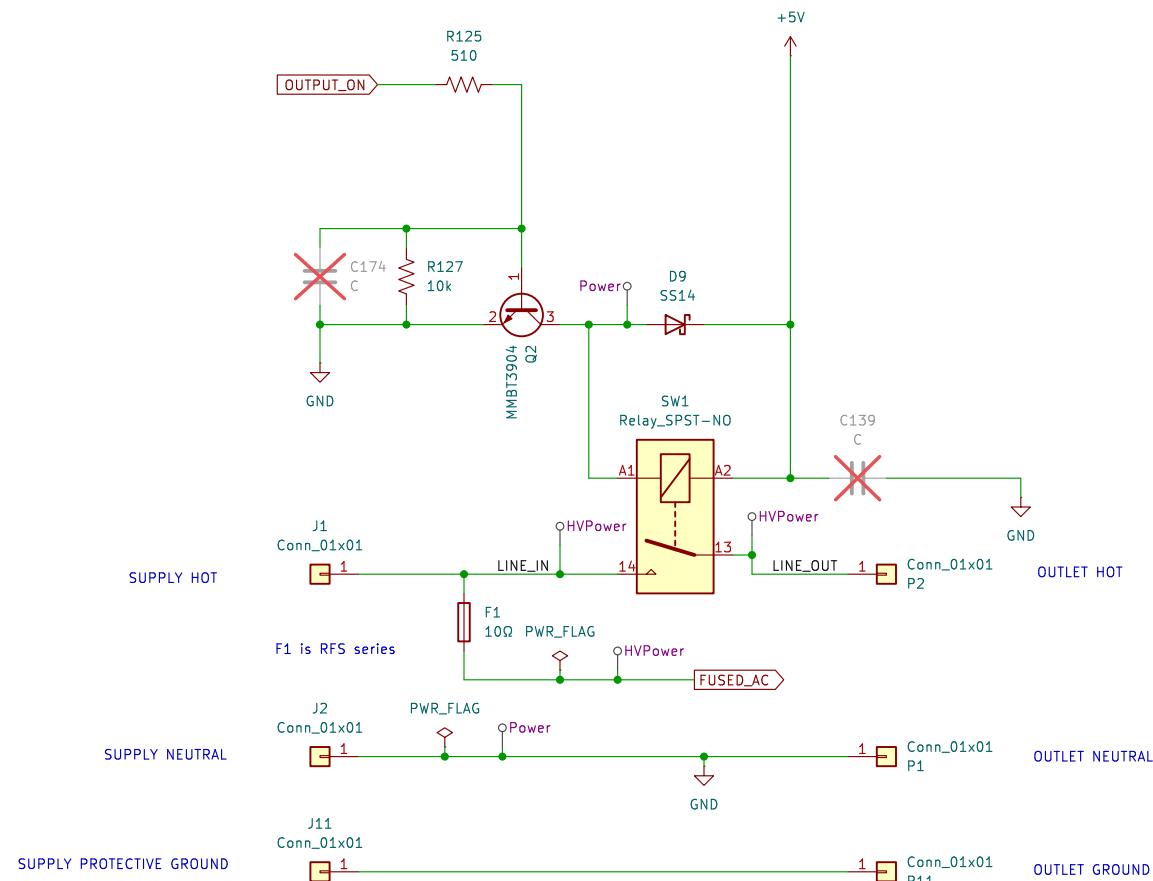
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File: powersupply.kicad\_sch

**Title: T smart switched power outlet**

Size: USLetter Date:  
KiCad E.D.A. 9.0.6

Rev:  
Id: 2/3

capacitors on this page are 10V X5R unless noted



Sheet: /power control/  
File: powercontrol.kicad\_sch

**Title: T smart switched power outlet**

Size: USLetter Date:  
KiCad E.D.A. 9.0.6

Rev:  
Id: 3/3