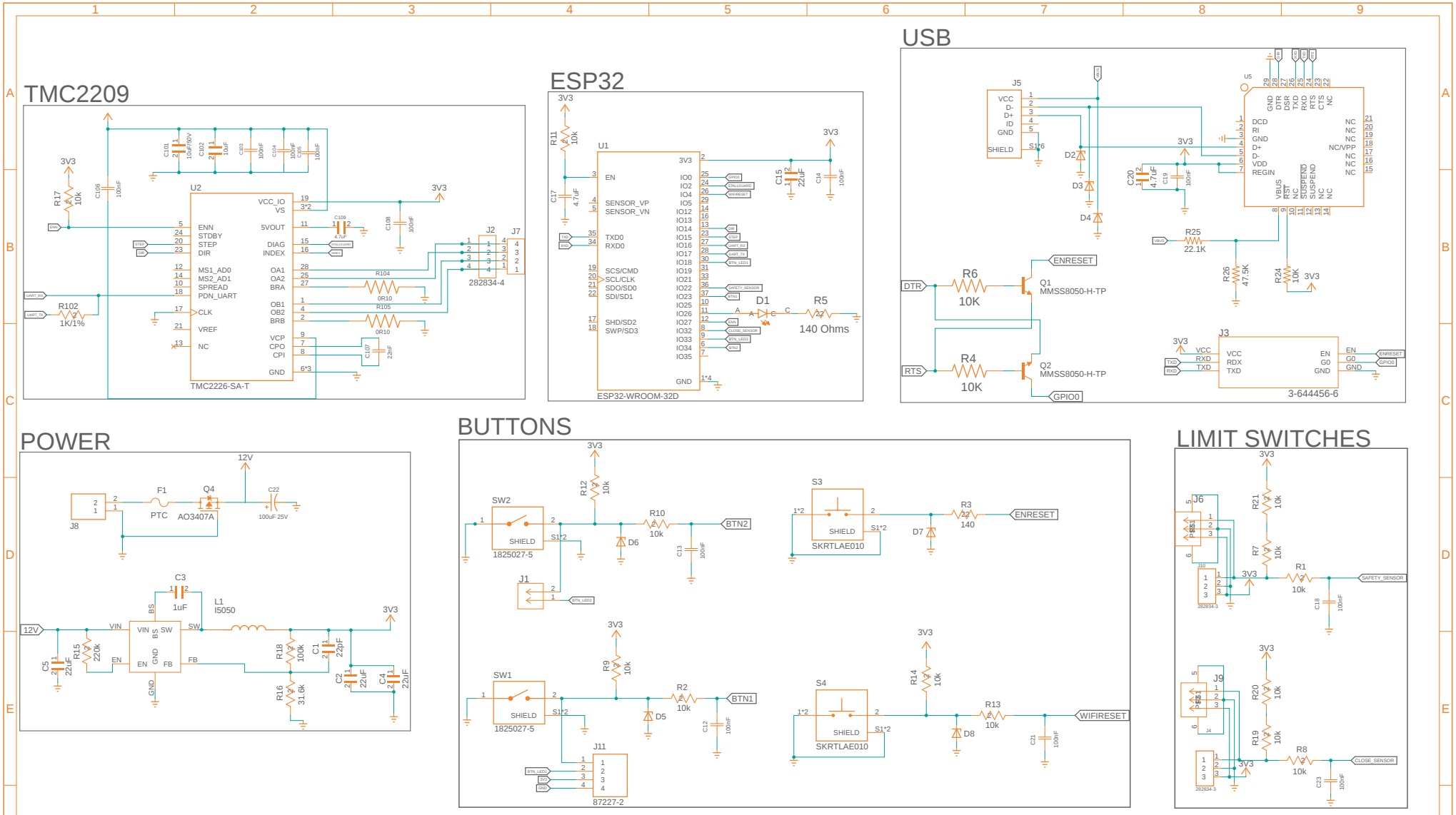
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U2
TMC2226-SA-T
ESP32
U1
ESP32-WROOM-32D
USB
J5
U5
Q1
MMSS8050-H-TP
Q2
MMSS8050-H-TP
J3
3-644456-6
POWER
J8
F1
PTC
Q4
AO3407A
C22
100uF 25V
L1
I5050
BUTTONS
SW2
1825027-5
SW1
1825027-5
J1
J11
87227-2
S3
SKRTLAE010
S4
SKRTLAE010
LIMIT SWITCHES
J6
J9
282834-3
Schematic
TITLE: VAL-2000
Document Number:
REV: 1
Date: 7/13/22
Sheet: 1/1

VALAR systems

Thank you for purchasing a VAL-2000. Below are some guides to get you started right away. If you have any concerns please email me at daniel@valarsystems.com. For technical support please use the discussion forum below.
Thanks and enjoy!

-Daniel Frenkel

GETTING STARTED

Getting started with the VAL-2000 is incredibly easy.
Please visit the wiki below for a quick setup guide.

github.com/valar-systems/val-2000/wiki

DISCUSSIONS

If you need technical support, please visit our GitHub discussions page. There you'll receive support in public so that other community members will benefit as well.

github.com/valar-systems/val-2000/discussions

ARDUINO

The code on your VAL-2000 is written in Arduino and is completely open-sourced. A schematic and PCB drawing is available as well.

github.com/valar-systems/val-2000