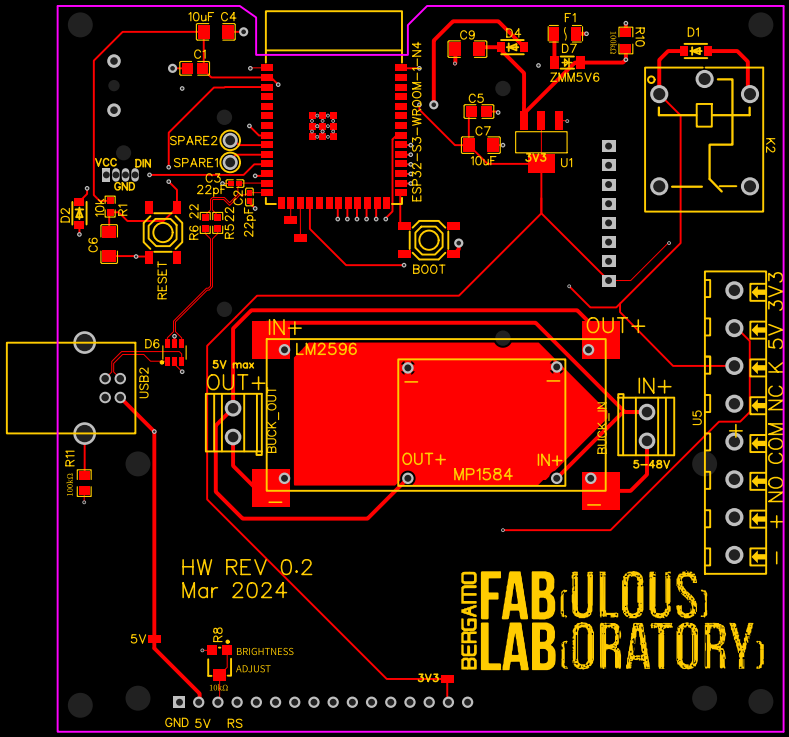
10uF
C4
C1
SPARE2
SPARE1
VCC
DIN
GND
D2
10K
R1
C6
RESET
C3
22pF
R6 22
R5 22
C2
22pF
ESP32-S3-WROOM-1-N4
BOOT
C9
D4
F1
D7
ZMM5V6
R10
10MΩ
D1
C5
C7
10uF
3V3
U1
K2
D6
USB2
R11
100kΩ
IN+
LM2596
OUT+
5V max
BUCK_OUT
OUT+
MP1584
IN+
BUCK_IN
5-48V
IN+
U5
3V3
5V
K
NC
COM
NO
+
-
HW REV 0.2
Mar 2024
BERGAMO
FAB{ULOUS}
LAB{ORATORY}
5V
R8
BRIGHTNESS
ADJUST
10kΩ
3V3
GND 5V RS