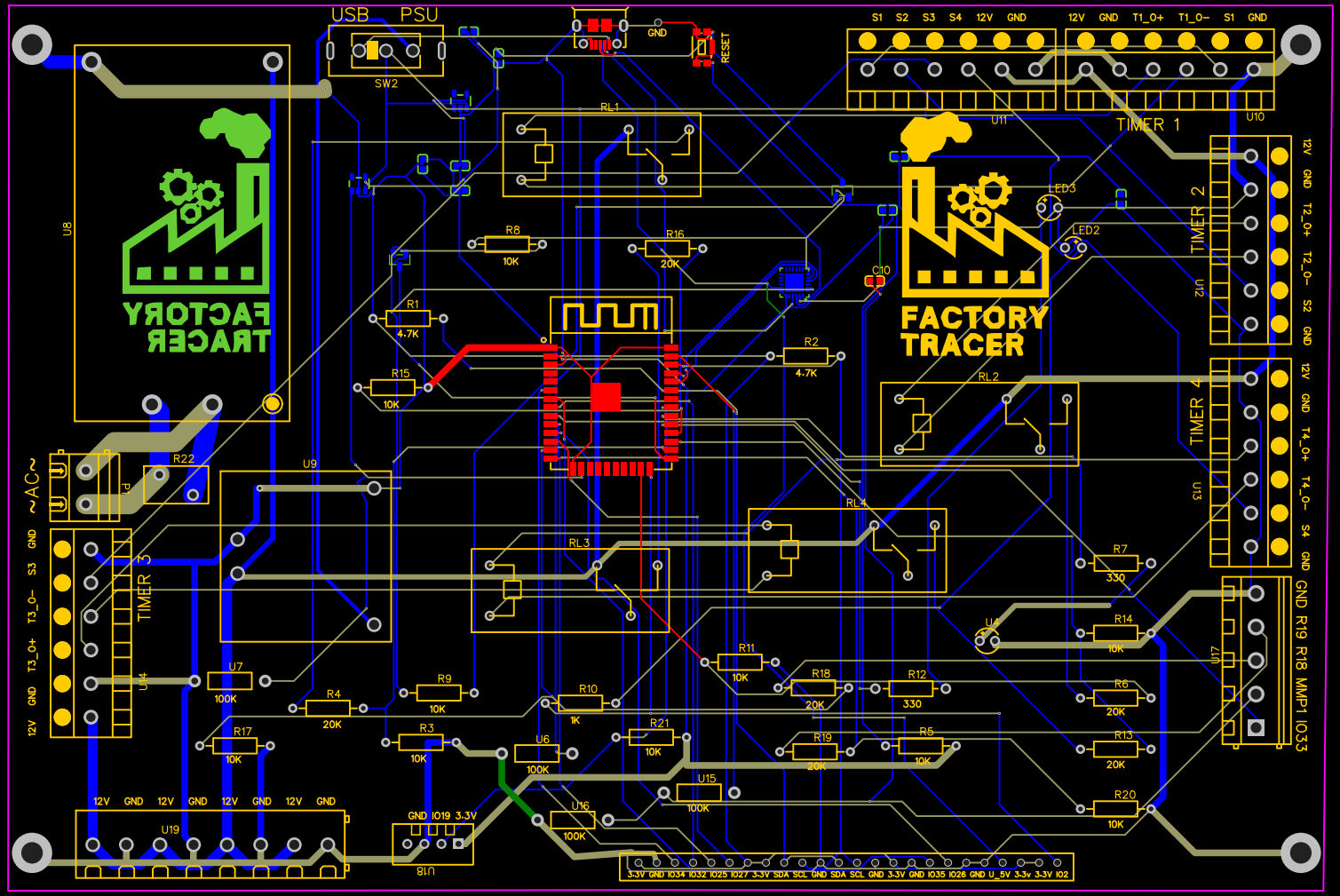
USB PSU
SW2
GND
RESET
S1 S2 S3 S4 12V GND
12V GND T1_O+ T1_O− S1 GND
U11
U10
TIMER 1
TIMER 2
U12
12V GND T2_O+ T2_O− S2 GND
TIMER 4
U13
12V GND T4_O+ T4_O− S4 GND
GND R19 R18 MMP1 IO3.3
U17
U8
FACTORY TRACER
RL1
RL2
RL3
RL4
R1 4.7K
R2 4.7K
R8 10K
R16 20K
R15 10K
C10
ED3
ED2
U1
U2
U9
R22
~AC~
TIMER 3
U4
12V GND T3_O+ T3_O− S3 GND
U7 100K
R4 20K
R9 10K
R17 10K
R3 10K
R10 1K
U6 100K
R21 10K
U16 100K
U15 100K
R11 10K
R18 20K
R12 330
R19 20K
R5 10K
R7 330
R14 10K
R6 20K
R13 20K
R20 10K
12V GND 12V GND 12V GND 12V GND
U19
GND IO19 3.3V
U18
3.3V GND IO34 IO32 IO25 IO27 3.3V SDA SCL GND SDA SCL GND 3.3V GND IO35 IO26 GND U_5V 3.3v 3.3V IO2