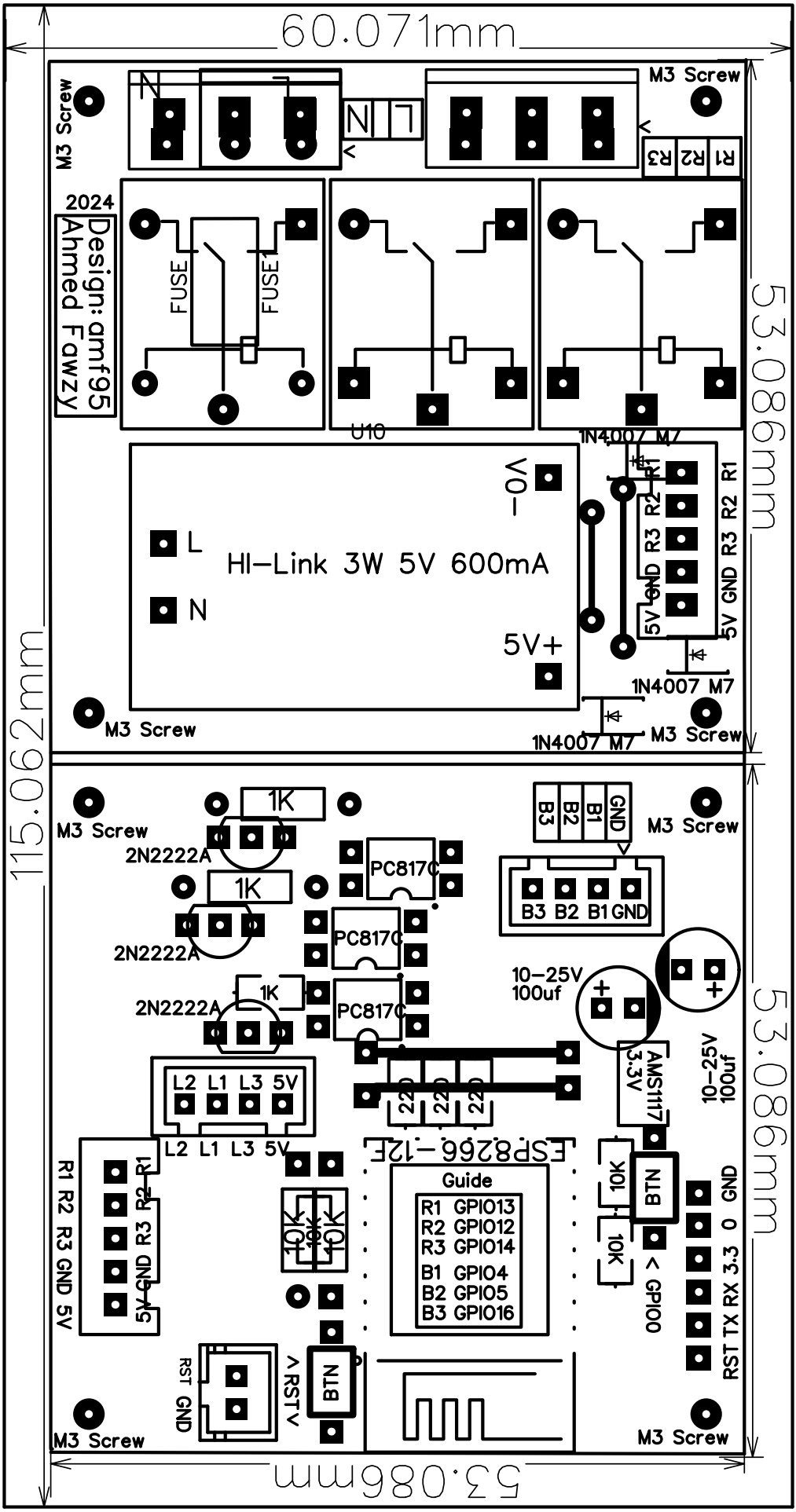
60.071mm
115.062mm
53.086mm
53.086mm
M3 Screw
M3 Screw
M3 Screw
M3 Screw
M3 Screw
M3 Screw
N
L
N
L
R1 R2 R3
2024
Design: amf95
Ahmed Fawzy
FUSE
FUSE1
U10
1N4007 M7
1N4007 M7
1N4007 M7
V0-
L
N
HI-Link 3W 5V 600mA
5V+
R1 R2 R3 GND 5V
5V GND R3 R2 R1
1K
2N2222A
1K
2N2222A
1K
2N2222A
PC817C
PC817C
PC817C
B3 B2 B1 GND
B3 B2 B1 GND
10-25V
100uf
10-25V
100uf
AMS1117
3.3V
L2 L1 L3 5V
L2 L1 L3 5V
22
22
22
ESP8266-12E
Guide
R1 GPIO13
R2 GPIO12
R3 GPIO14
B1 GPIO4
B2 GPIO5
B3 GPIO16
10K
10K
10K
10K
10K
BTN
GPIO0
RST TX RX 3.3 0 GND
R1 R2 R3 GND 5V
5V GND R3 R2 R1
RST GND
RST
BTN