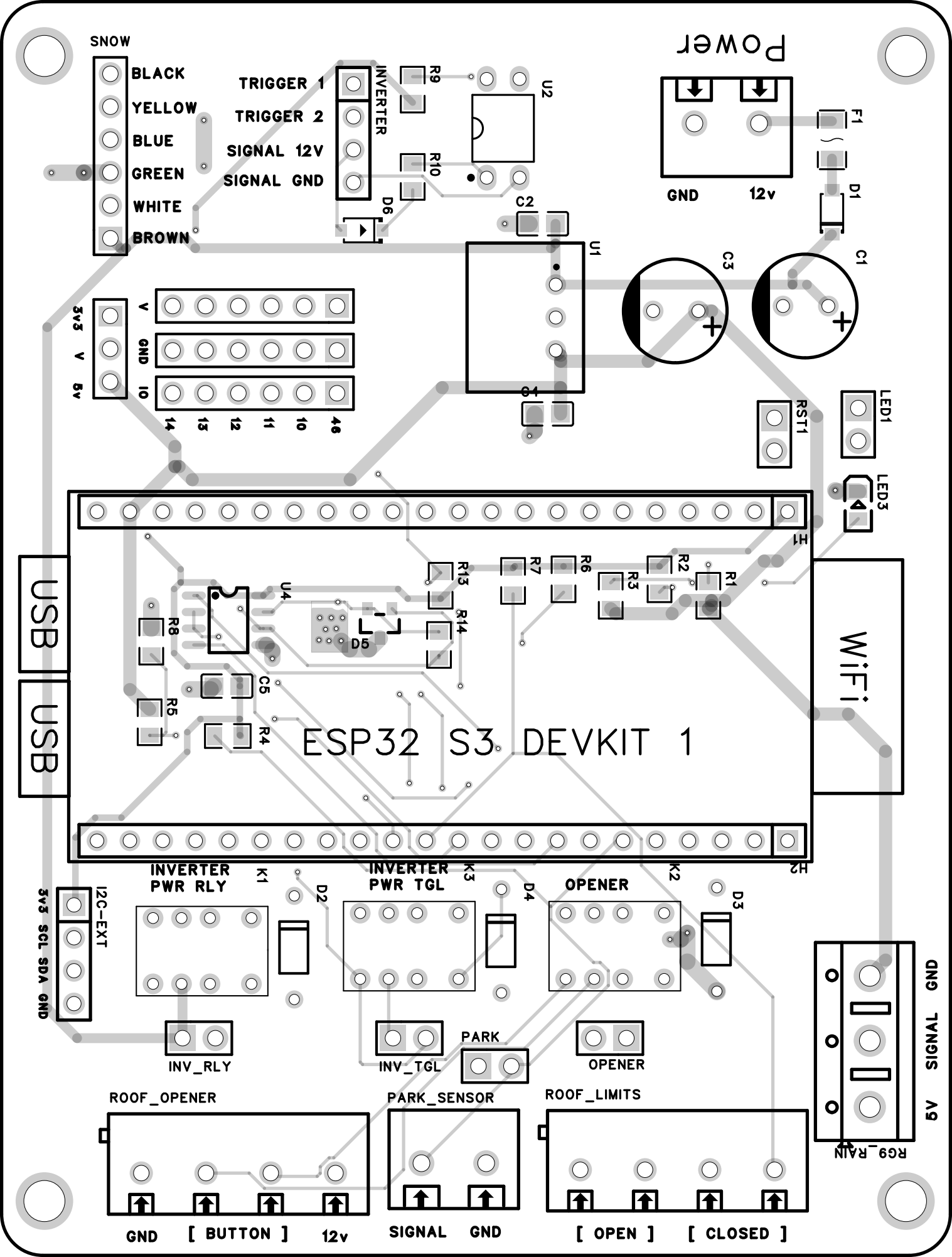
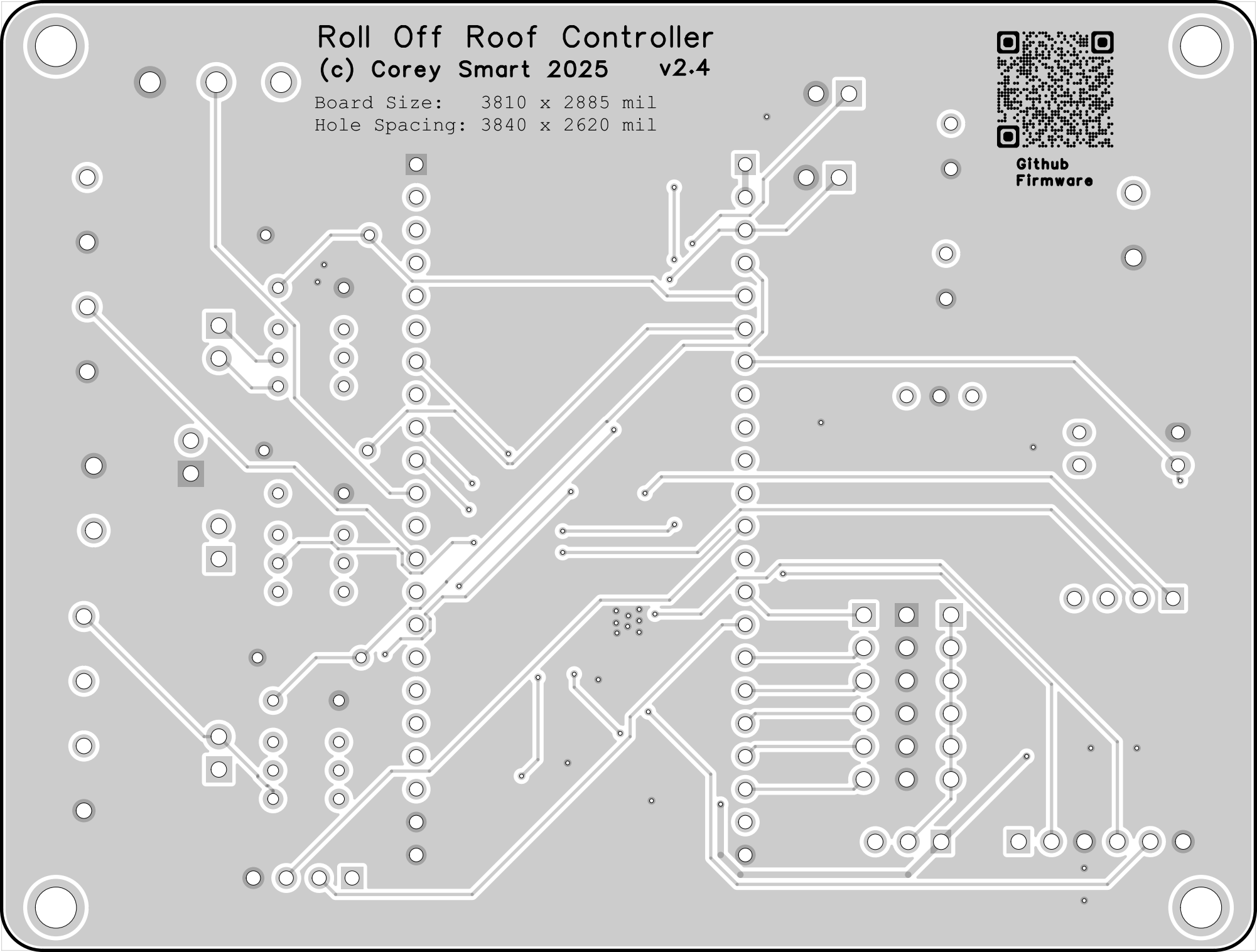
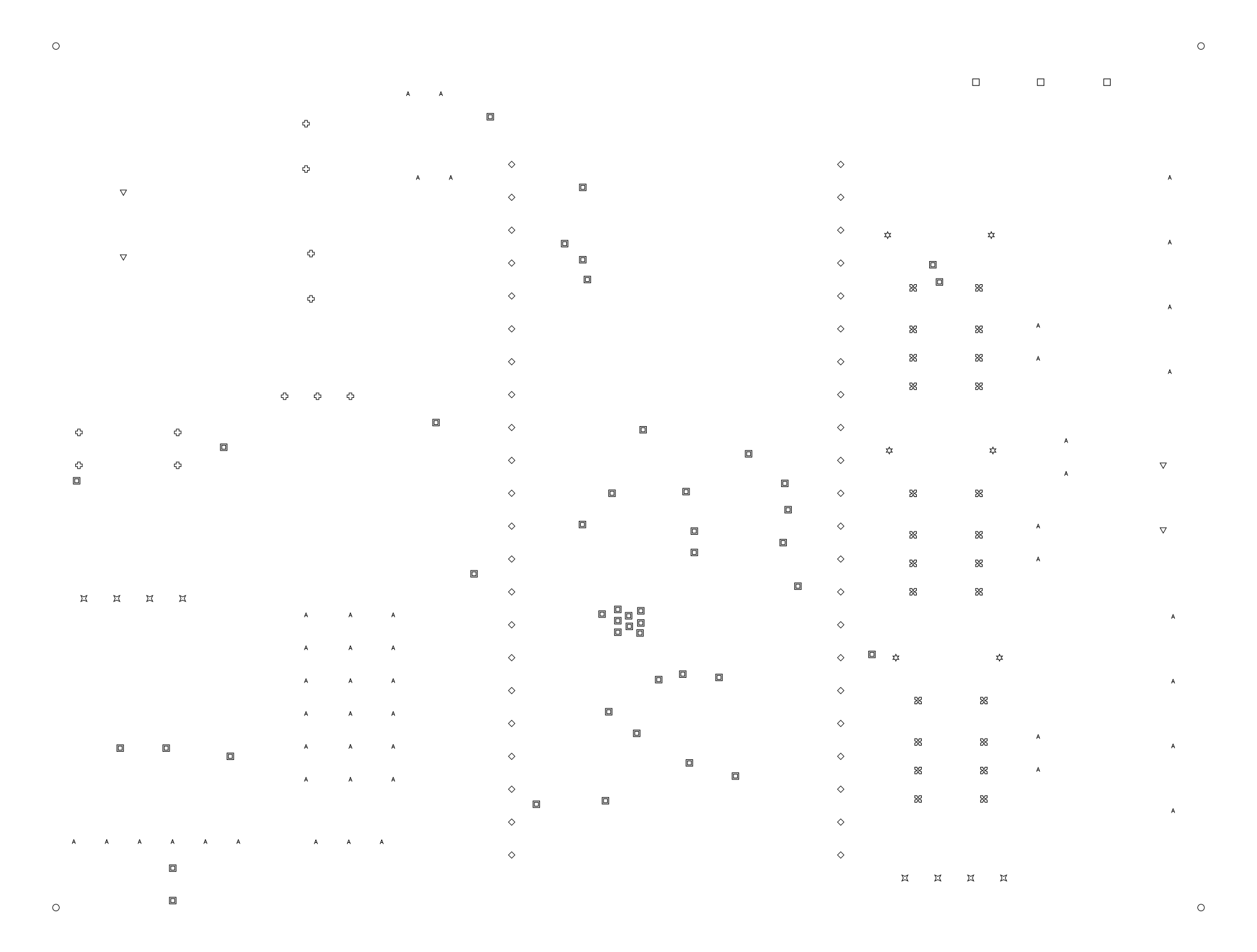

SNOW
BLACK
YELLOW
BLUE
GREEN
WHITE
BROWN
TRIGGER 1
TRIGGER 2
SIGNAL 12V
SIGNAL GND
INVERTER
R9
R10
U2
D6
C2
U1
Q1
Power
GND
12v
F1
D1
C3
C1
3v3
V
5v
V
GND
IO
14
13
12
11
10
46
RST1
LED1
LED3
H1
H2
USB
USB
WiFi
U4
R13
R7
R6
R3
R2
R1
R14
R8
D5
C5
R5
R4
ESP32 S3 DEVKIT 1
INVERTER
PWR RLY
K1
D2
INVERTER
PWR TGL
K3
D4
OPENER
K2
D3
I2C-EXT
3v3 SCL SDA GND
INV_RLY
INV_TGL
PARK
OPENER
5V SIGNAL GND
RG9_RAIN
ROOF_OPENER
GND
[BUTTON]
12v
PARK_SENSOR
SIGNAL
GND
ROOF_LIMITS
[OPEN]
[CLOSED]


Roll Off Roof Controller
(c) Corey Smart 2025 v2.4
Board Size: 3810 x 2885 mil
Hole Spacing: 3840 x 2620 mil
Github
Firmware