SERVO 1

SERVO 2

→ 0 — PWM₁
  D → 5V₁
  B → GND₁

→ 0 — PWM₂
  D → 5V₂
  B → GND₂  } 2nd pin

O — PWM₁  O
R — 5V
B — GND

NCC — 3V3

PCA 9685
(SERVO DRIVER)
→ Gnd
→ Vt
Vcc

PWM
Vt
SDA   SCL   OE   GND

GND — GND

3V3
GND

ESP
32

SDA — 21

SCL — 22

21
22

OUTT — OT

DC
P.S. → 0 IN   OUT 0
      BUCK
      Conv.
      0 IN⁻   out⁻

DH11

Vcc → 5V
Data → 4
GND → GND

OLED → Gnd → GND
     → Vcc → 3.3
     → SCL → 22
     → SDA → 21

IR →
Vcc → 5V
GND → GND
OUT → 5

LOAD CELL + HX711 → ESP 32

LOAD CELL WIRE                    HX711

Red                    ——————→ E+

Black    ——————————→ E-

White    ——————————→ A-

Green.   ——————————→ A+

HX711    ——————————→ ESP 32

Vcc      ——————————→ 3.3

GND      ——————————→ Gnd

DT(Dout  ——————————→ 34

SCK      ——————————→ 32.

Buck

Out +    ——————————→ 5V

GND      ——————————→ GND
                        (common)