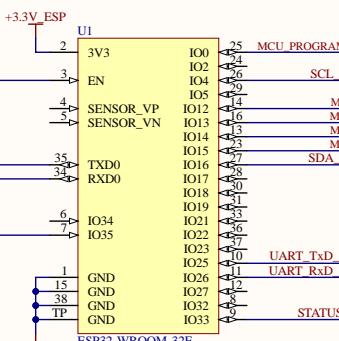


## WIFI/BLE

ESP32

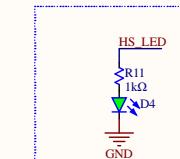
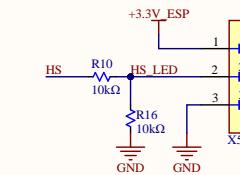


ESP Status LED

Programming Header

X1 X2  
B5B-PH-K-S(LF)(SN)  
61300311121

## Homing Switch



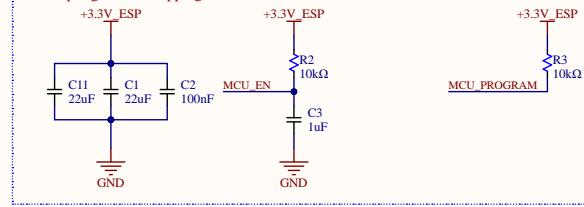
A

A

B

B

Decoupling &amp; Pin Strapping

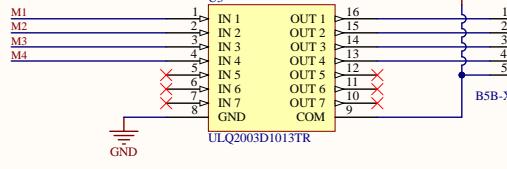


Reset Button

Program Button

X1 X2  
B5B-PH-K-S(LF)(SN)  
61300311121

## Motor Driver

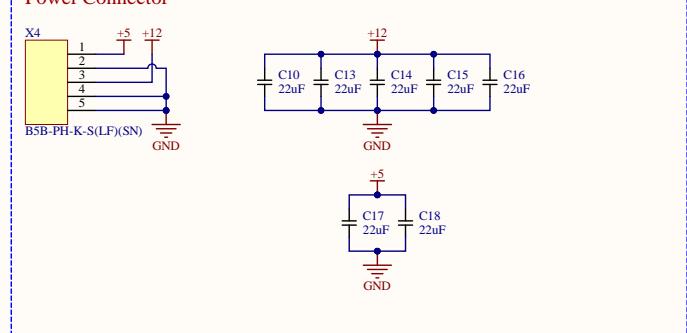


Motor Status LED

X1 X2  
B5B-PH-K-S(LF)(SN)  
61300311121

## Power

Power Connector



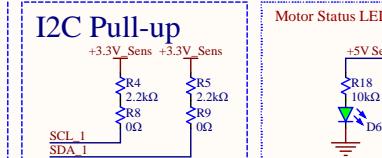
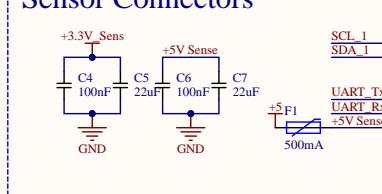
3.3V LDO ESP

X1 X2  
B5B-PH-K-S(LF)(SN)  
61300311121

3.3V LDO Sensor

X1 X2  
B5B-PH-K-S(LF)(SN)  
61300311121

## Sensor Connectors



**Flamingo Tech**

Title: Open AIR Valve

|              |              |        |            |           |       |
|--------------|--------------|--------|------------|-----------|-------|
| Designed by: | The Flamingo | Date:  | 01/11/2025 | Revision: | 1.4.0 |
| Checked by:  | The Flamingo | Sheet: | 1 of 1     | Size:     | A3    |
| Approved by: | The Flamingo |        |            |           |       |