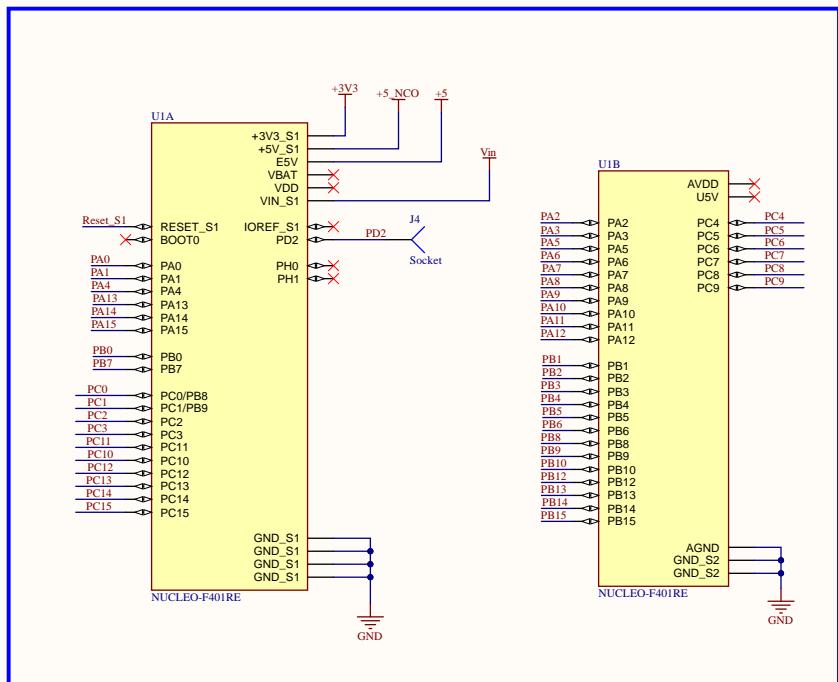
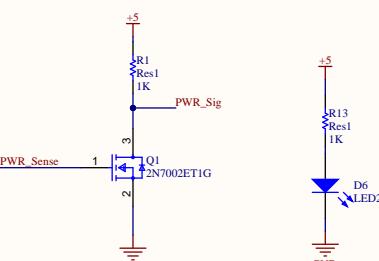


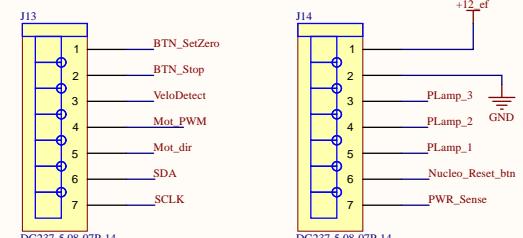
## F411RE



Power Sense & Emer



Spring Terminal



F

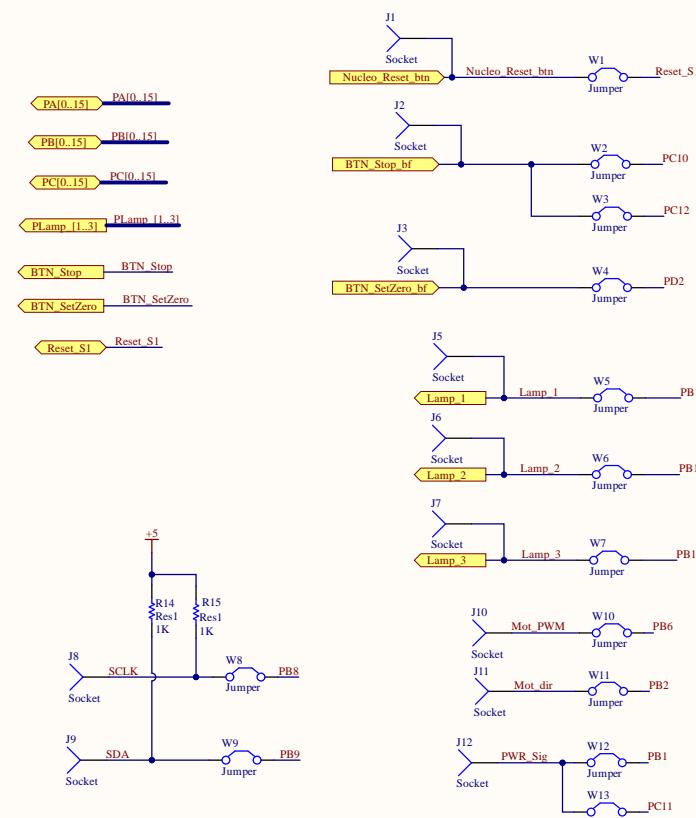
E

D

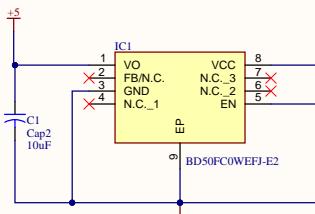
C

B

A



## 5V REGULATOR



## Requirements

PMOS Switch for Input  
Station for Drive motor signal  
12V power source  
R 0 ohm & Jumper (signal change line)  
Debounce circuit

Port  
I2C  
Power Line Sense x EMER

Button Interface  
Stop-white  
Set zero-blue  
Nucleo reset-yellow

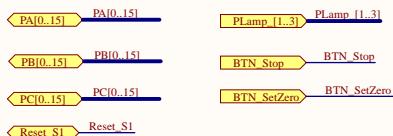
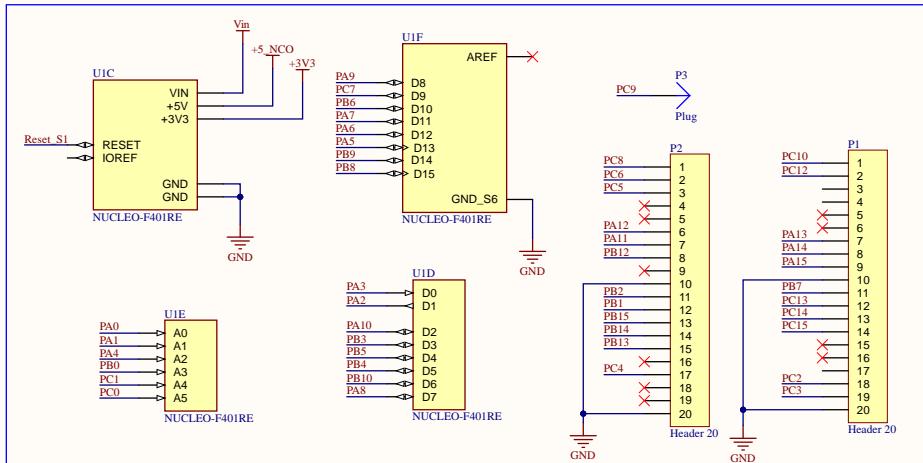
Pilot Lamp Drive  
Ready-green  
Working-Blue  
Stop-yellow

Via Pad  
Signal in line  
12V - VIN (Reserve)

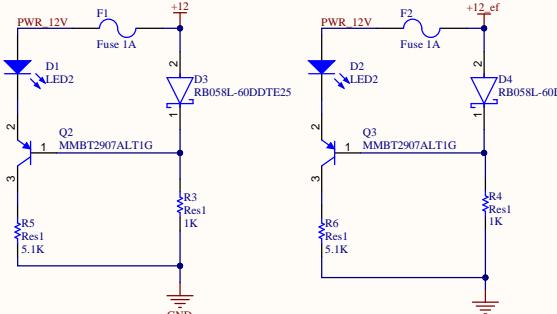
V\_CT022  
I2C R Pull up  
9V reg end effector

| APPROVALS                |         | DATE      | PROJECT                    |                        | Altiuum                |                        |
|--------------------------|---------|-----------|----------------------------|------------------------|------------------------|------------------------|
| ENG:                     | owl_har |           | PROJECT                    | REVISION               | DOCUMENT               | ITEM                   |
| DSN:                     | owl_har |           | Not in version control     | Not in version control | Not in version control | Not in version control |
| TITLE                    |         |           |                            |                        |                        |                        |
| FRA262_STUIII_Nucleo Sct |         |           |                            |                        |                        |                        |
| BOM:                     |         |           | SIZE                       | CAGE CODE              | DWG NO.                | REV                    |
| ASSY DWG:                |         |           | B                          |                        |                        |                        |
| FAB DWG:                 |         |           |                            |                        |                        |                        |
| PCB DWG:                 |         |           |                            |                        |                        |                        |
| SCALE:                   |         | FILE NAME | FRA262_STUIII_NucleoSct_v1 | SHEET                  | OF                     | 2                      |
|                          |         |           |                            |                        |                        |                        |

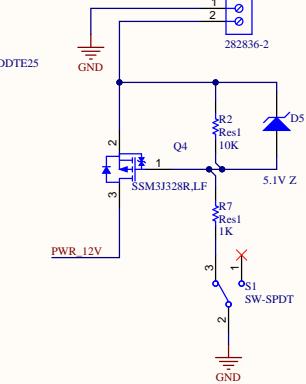
## Reserve Bypass Pad



## Fuse Box Sense



## Power Source



## Debounce

