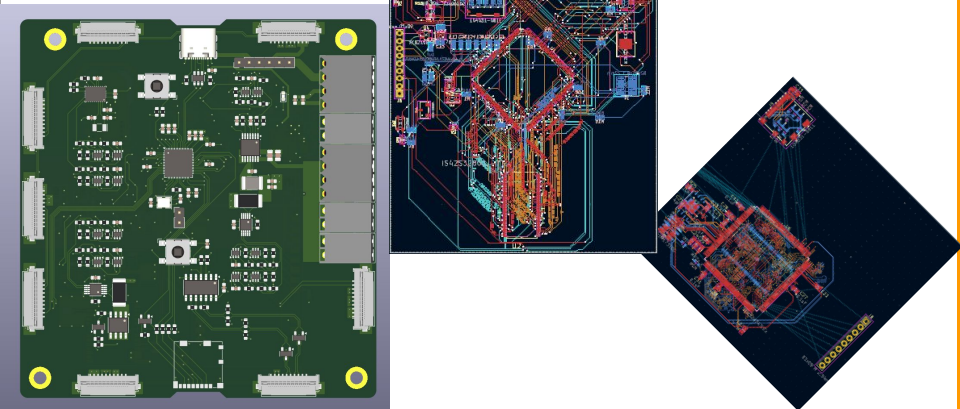


## Updates



## Blockers

- Battery fuel gauge IC is weird to work with
- Argus-1 solar panel boards don't work
- Unable to access Orin due to moving
- DRV8235 board is broken

## Milestones Achieved

- Argus-2 Mainboard (almost) ready for order - VR
- Camera Control Board Rev2 in stasis til Spring - Varun
- X/Y Board Testing - Haoran, Leo, Zhaonan
- Fixed and programed Pycubed board - Haoran, Leo, Zhaonan

## Looking ahead

- Debugging Argus-1 solar panel boards - VR, Leo
- Argus-2 Battery board reflow + testing - Haoran, Zhaonan
- Jetson carrier board validation - Varun and Sebastian

## Interfaces

- *Mechanical*: Validate STEPs of boards
- *Comms/Ops*: Confirm they have everything for Z- testing

# The CAN-Ban 🦅🦅

Argus-2 Avionics

Backlog

Priority board

Team items

Roadmap

In review

My items

New view

Filter by keyword or by field

Backlog

16 / 5

Estimate: 1000000042

This item hasn't been started

Draft

Debug/Design of Jetson Orin Carrier Board

4

Draft

Finish Layout of Board

2

Draft

Camera Board SW: uController Interface

4

Draft

Camera Board SW: Mainboard RTC Interface

2

Draft

Scout Star Trackers

2

Draft

Deep Sleep Jetson/Power Modes

+ Add item

Ready

1

Estimate: 0

This is ready to be picked up

Draft

DRV8235 Drivers

+ Add item

In progress

10 / 3

Estimate: 40.5

This is actively being worked on

Draft

Finish PyCubed Board Reflow

0.5

Draft

GPU Power Study: 10/6/24

1

Avionics-Cameraboard #5

Figure out RTC Setup for Camera Board

0.5

Avionics-Cameraboard #4

Layout Power, SD Card, USB Connection

1

Draft

Update State Chart with GNC and Comms

3

Draft

Solar Panel board & Power Testing

+ Add item

In review

2 / 5

Estimate: 6

This item is in review

Draft

Start with deployables schematic and PCB Design

6

Draft

Z- board Routing

+ Add item

Done

8

Estimate: 19.5

This has been completed

Draft

LoRa Dev Boards

Draft

Argus-2 Battery Board

10

Avionics-Cameraboard #2

Finish Overall Schematic of Camera Board

2

Avionics-Cameraboard #1

Finish Schematic with SD Card for Camera Board

0.5

Draft

Waiting on Mech and GNC for deployable

1

Draft

Finish PyCubed and XY Boards reflow

+ Add item