# AstraControl

# 23 June 2024

In review

## Features

- 5V 10A Input
- USB C
- External WiFi Antenna
- 5Mbps RS485 (half-duplex)

File: overview.kicad\_sch

- ESP32
- I2C Auxilary
- GPIO Breakout
- Button

File: block\_diagram.kicad\_sch

Render placeholder

LiveAstra Technologies Title: AstraControl — ESP32 Based Controller Size: A4 Date: Rev: A

KiCad E.D.A. 8.0.3 ld: 1/16 Overview 22 April 2024

## Page Description

- 1 Cover
- 2 Overview
- 3 Block Diagram
- 4 MCU Power
- 5 MCU
- 6 LED Drivers

## Page Description

7 Misc

Render placeholder

## Notes

• Components marked with will not be fitted.

# Design Considerations

### Information

Generic information box to inform about specifics of the part or layout, notes, helpful information.

#### Caution

Extra care is required here. Pay attention to details, routing, and try your best to follow the advice.

### Critical

It is critical to follow the instructions here. Failure to do so will result in poor performance or failuire. 

























