

123456

A

Input Connectors

Power Management

File: InputConnectors.kicad\_sch

File: powerManagement.kicad\_sch

B

Microcontroller

GPIO Headers and Buttons

File: GPIOheaders.kicad\_sch

Display Connector and Driver

File: Microcontroller.kicad\_sch

File: display\_conn\_driver.kicad\_sch

C

D

Sheet: /  
File: ESP32\_BOARD.kicad\_sch

Title:

Size: A4Date:KiCad E.D.A. 9.0.0

Rev:  
Id: 1/6

Fiducials

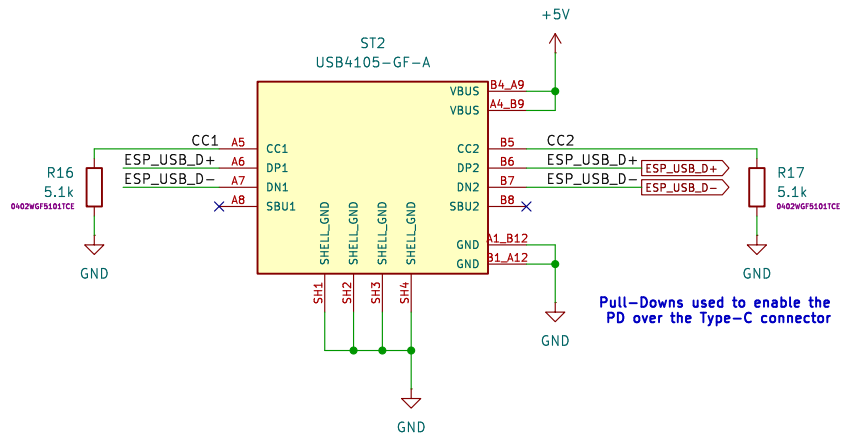
FID1  
Fiducial

FID2  
Fiducial

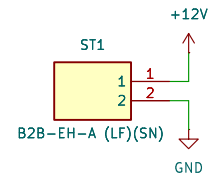
FID3  
Fiducial

FID4  
Fiducial

## TYPE-C CONNECTOR FOR FLASHING AND PD



## 2-PIN POWER CONNECTOR FOR 12V



Sheet: /Input Connectors/  
File: inputConnectors.kicad\_sch

**Title:**

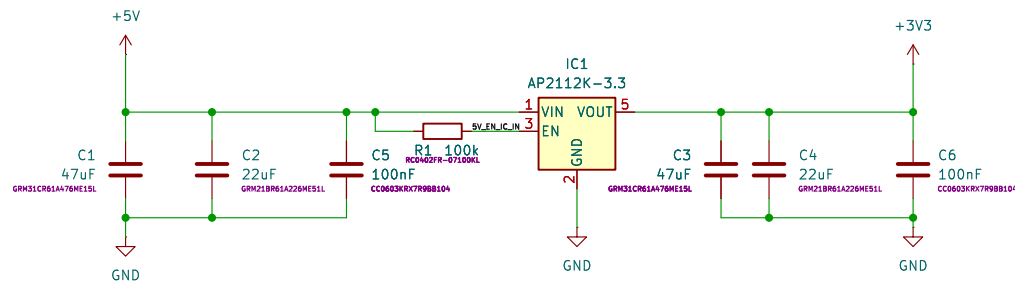
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KiCad E.D.A. 9.0.0

Date:

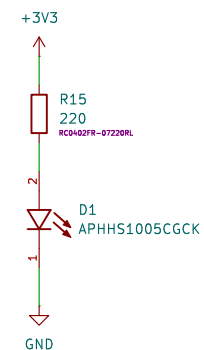
**Rev:**

Id: 2/6

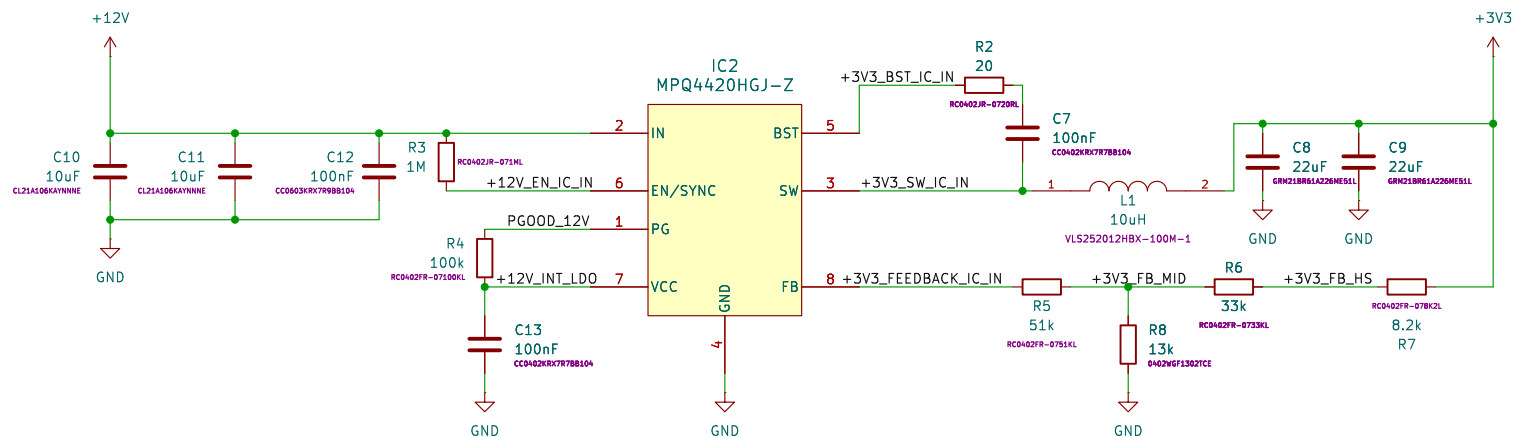
## 5V – 3.3V DC/DC



## Power-On LED Indication



## 12V – 3.3V DC/DC



Sheet: /Power Management/  
File: powerManagement.kicad\_sch

### Title:

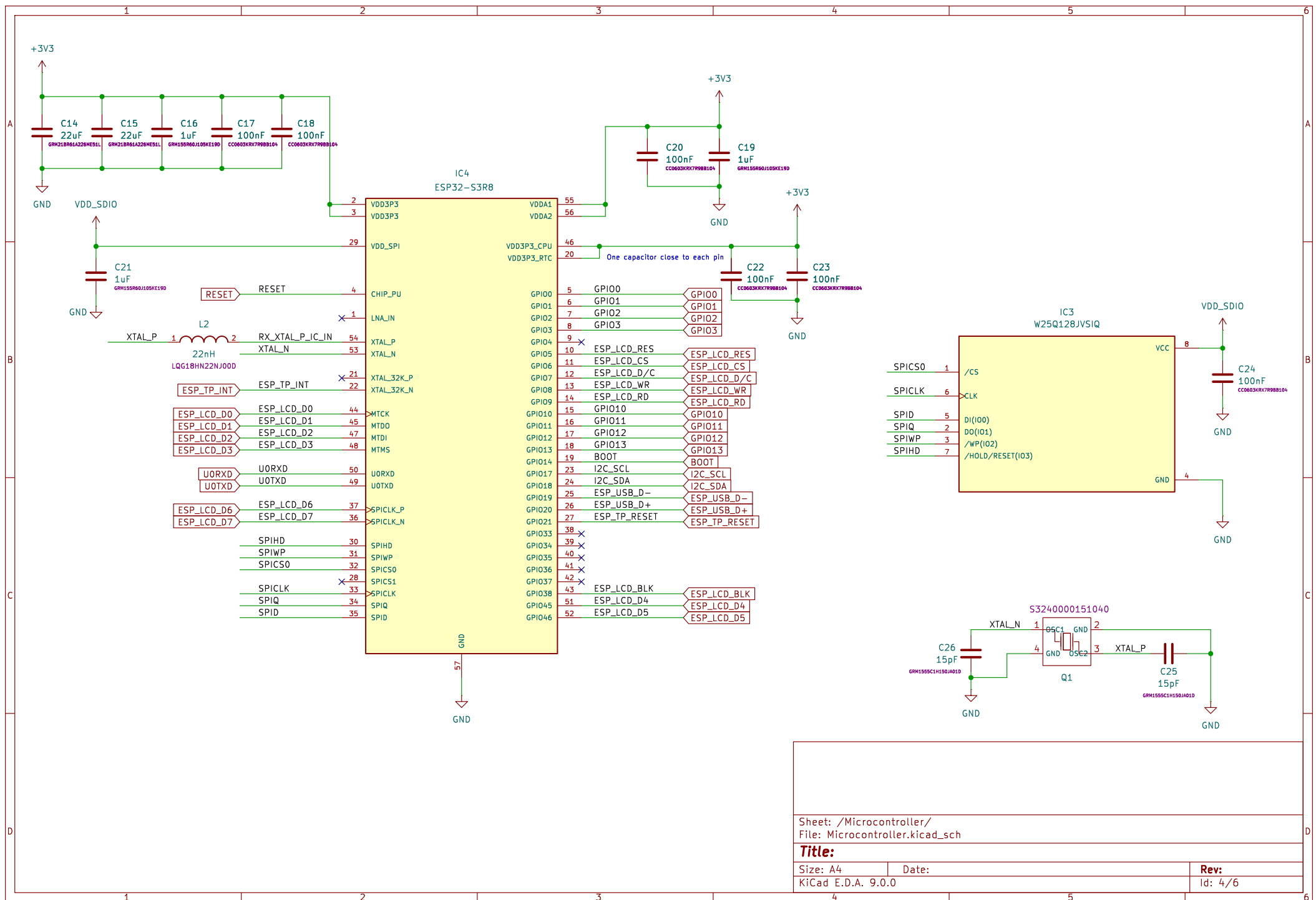
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Date:

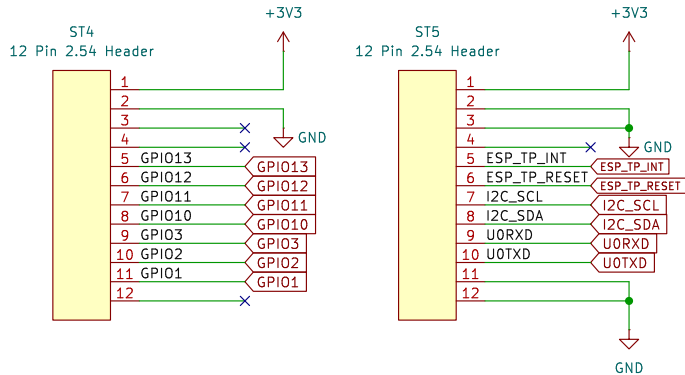
KiCad E.D.A. 9.0.0

Rev:

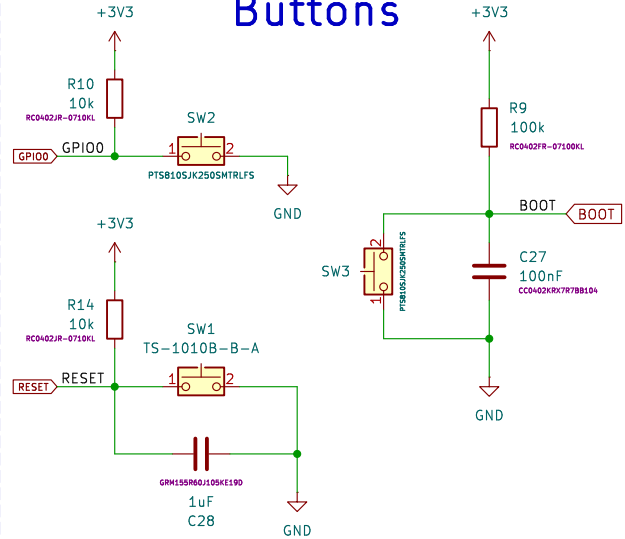
Id: 3/6



## GPIO Headers



## Buttons



Sheet: /GPIO Headers and Buttons/  
File: GPIOheaders.kicad\_sch

**Title:**

Size: A5

Date:

KiCad E.D.A. 9.0.0

**Rev:**

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