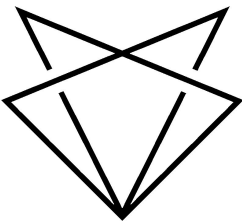


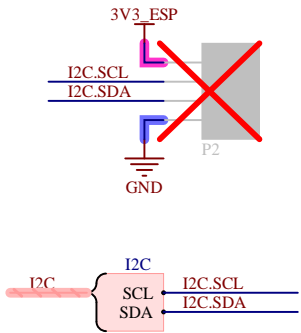
Rev. 00 : Initial release  
Rev. 01 : Bug Fixes

# Fri3D Ira 2022

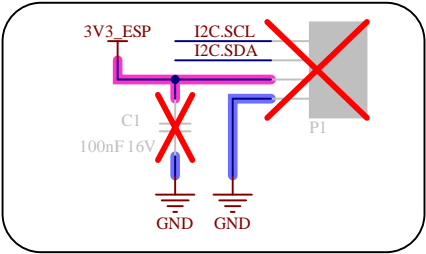
Top Level



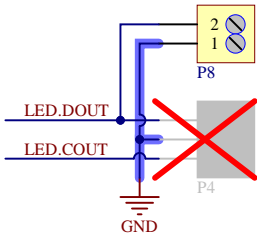
I<sup>2</sup>C output



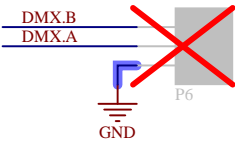
Stemma QT



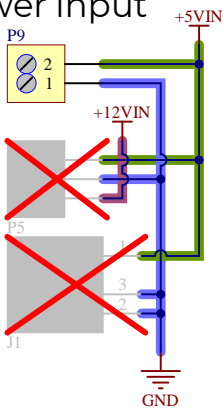
Digital LED Strips



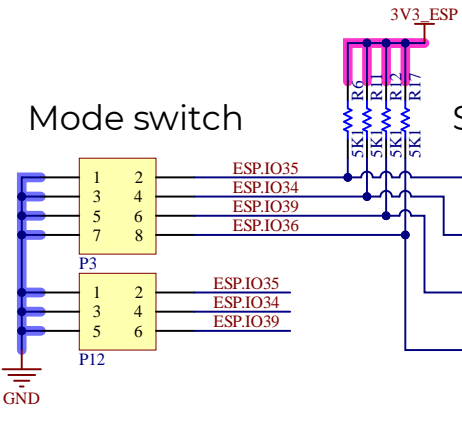
RS-485 Transceiver



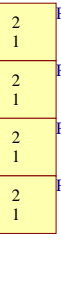
Power input



Mode switch



Solder bridges



Variant : Minimal  
Housing : HMMFG 1593ARTBU  
Cable Gland : IPG-2227

**Phyx**

Title  
Top Level

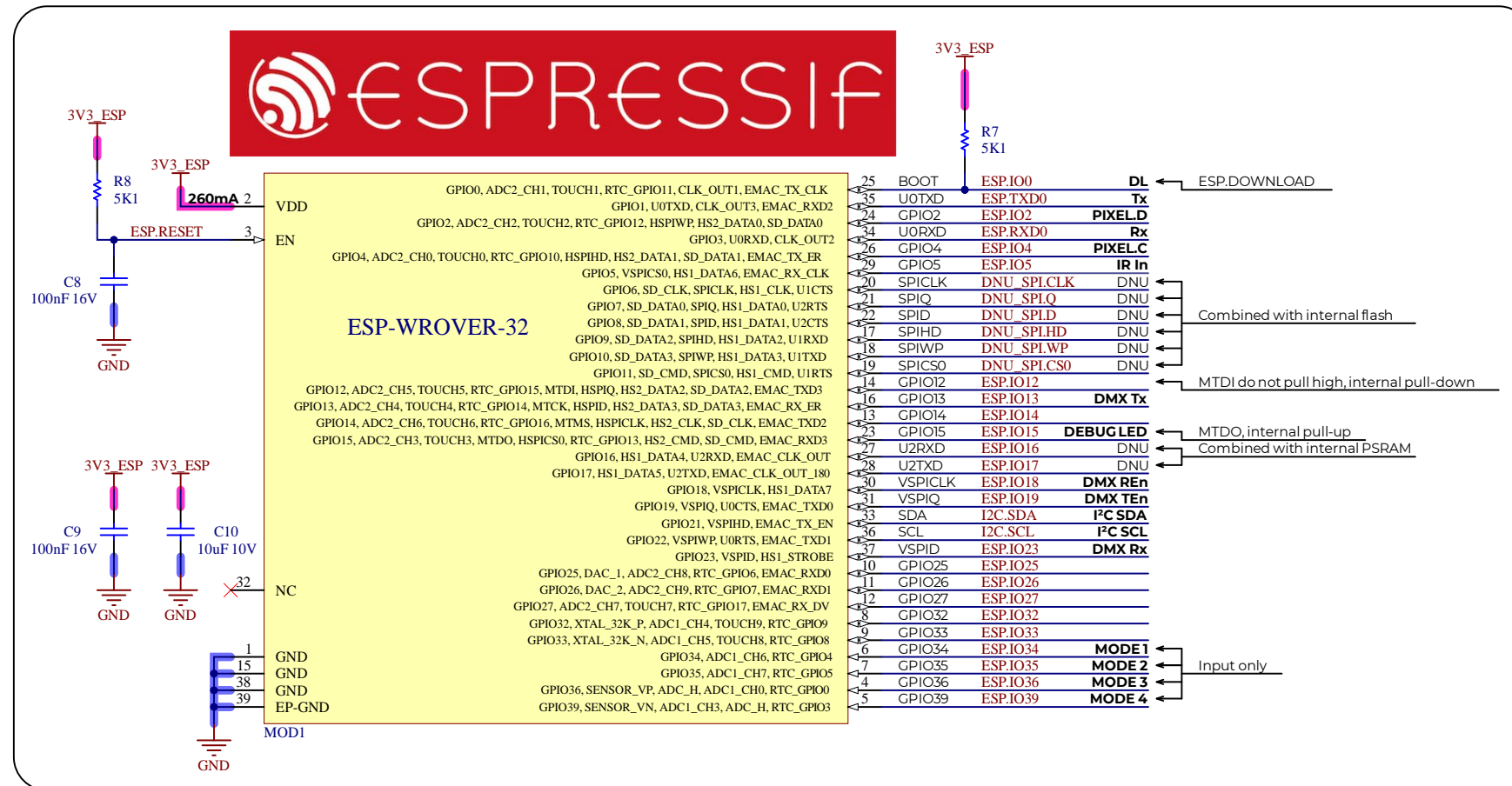
Date  
26/12/2021

Drawn By  
Wim Van Gool

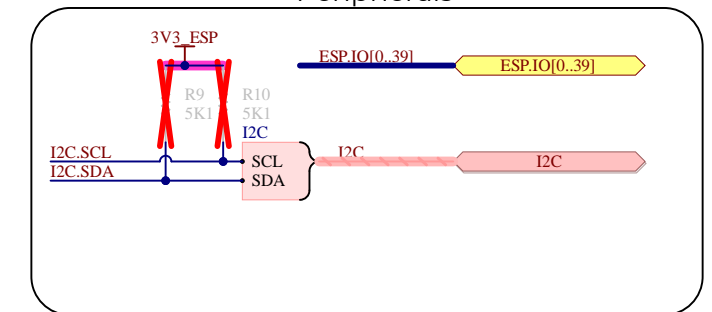
Size  
A3  
Sheet 1 of 4

## ESP32 Module

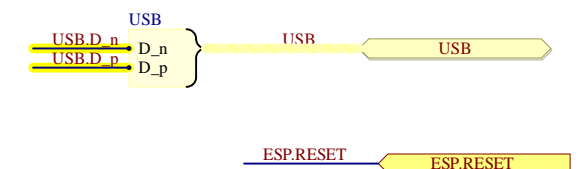
## ESP-WROVER-32



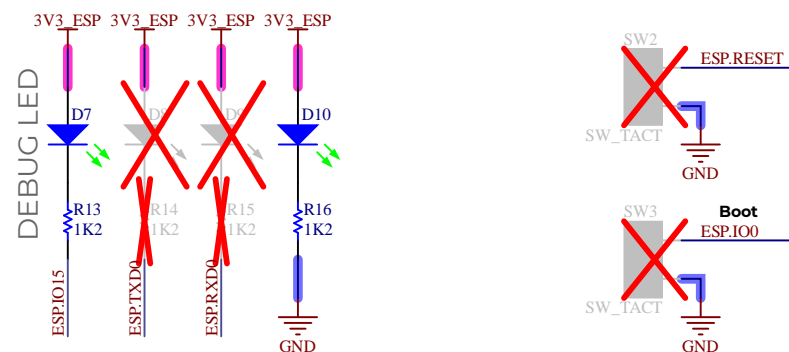
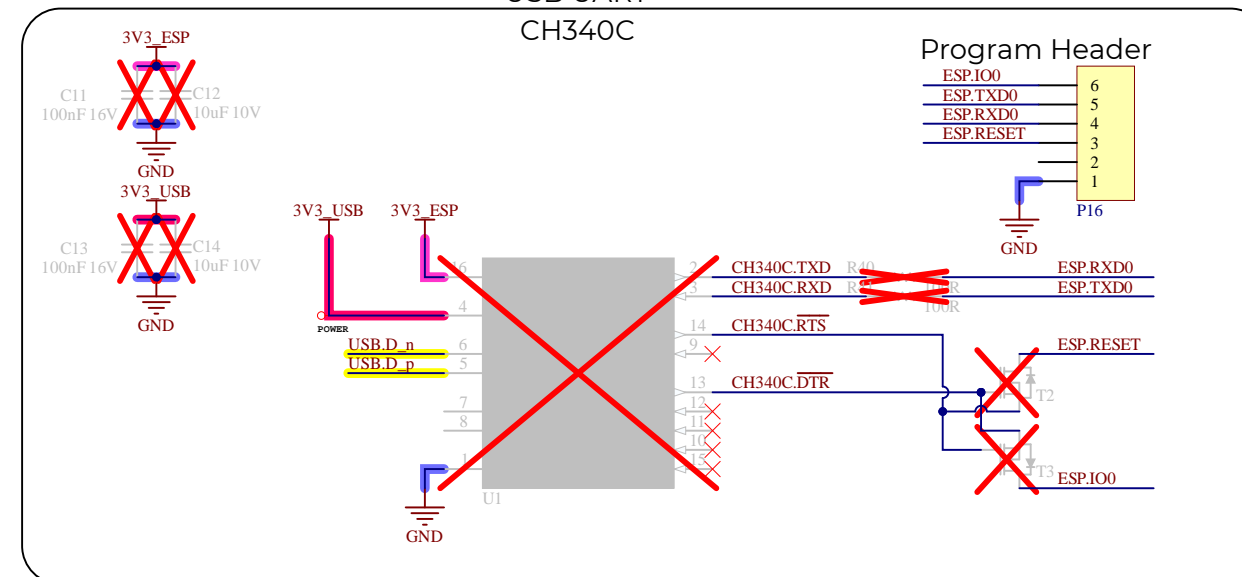
## Peripherals



## USB Interface

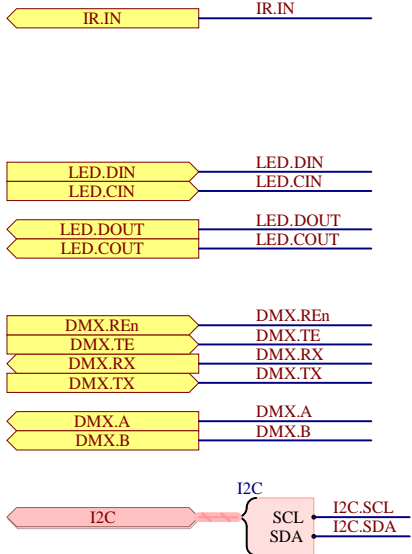


USB UART  
CH340C



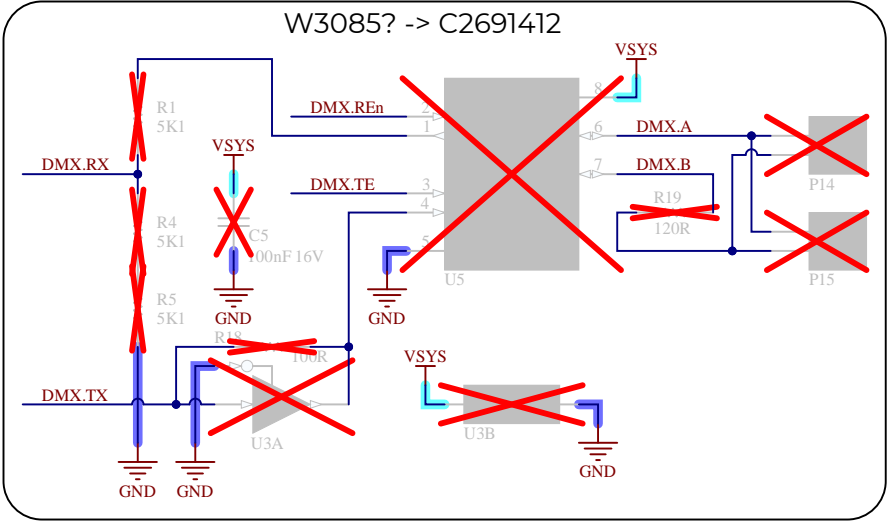
# Fri3D Ira 2022

## Peripherals

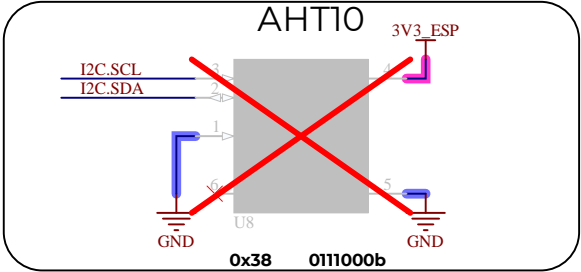


### RS-485 Transmitter

W3085? -> C2691412

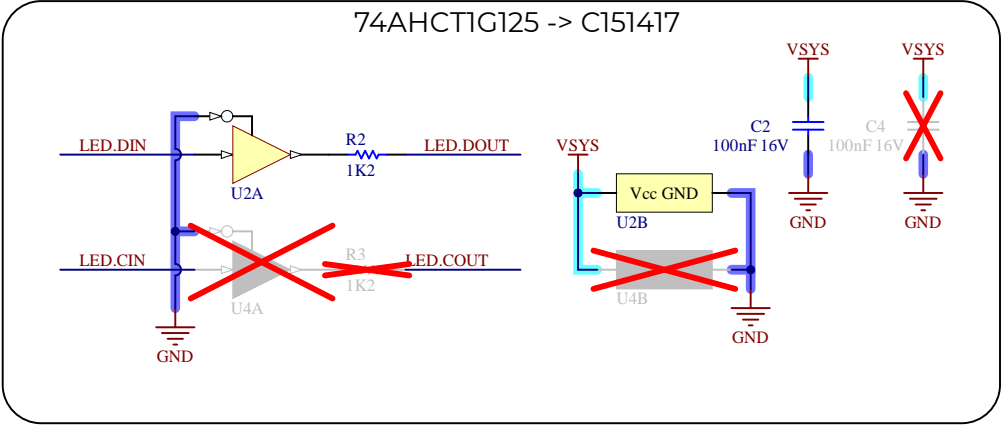


### Temperature and Humidity sensor

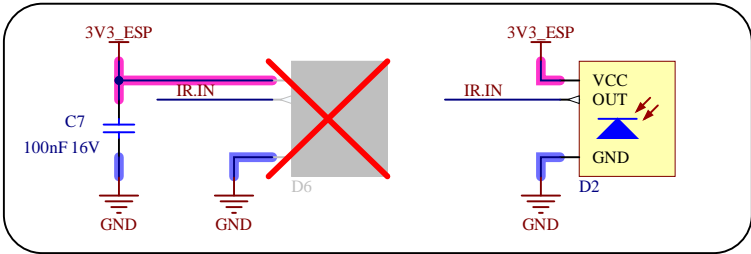


### Pixel buffers

74AHCT1G125 -> C151417



### IR Receiver



**Phyx**

Title  
Peripherals

Date  
26/12/2021

Size  
A3

Revision  
01

Drawn By  
Wim Van Gool

Sheet  
3 of 4

