

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

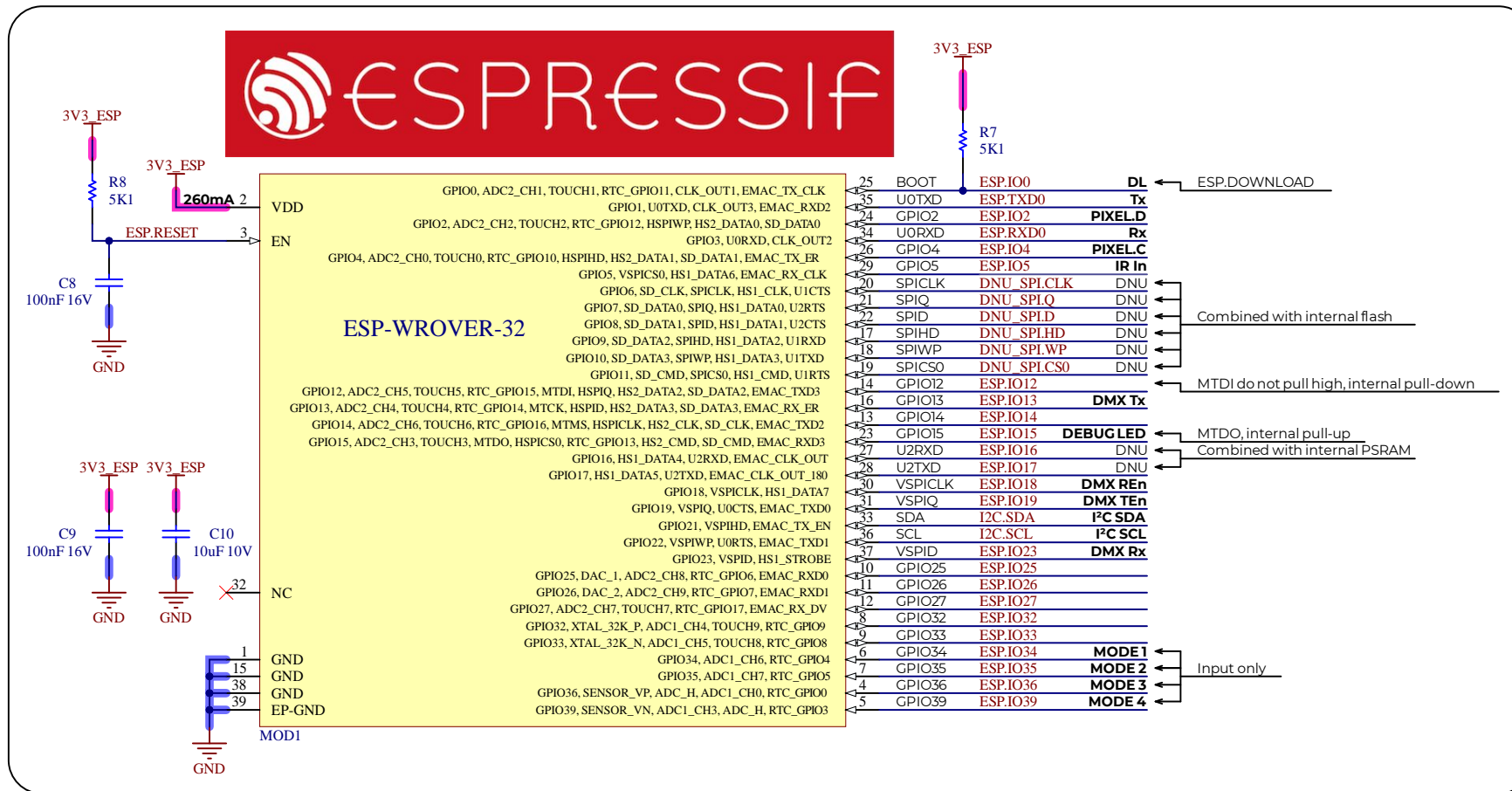
Variant : Default  
Housing : HMMFG 1593ARTBU  
Cable Gland : IPG-2227

<b>Phyx</b>		Title Top Level	
		Date 26/12/2021	Size A3
Revision 01	Drawn By Wim Van Gool		Sheet 1 of 4

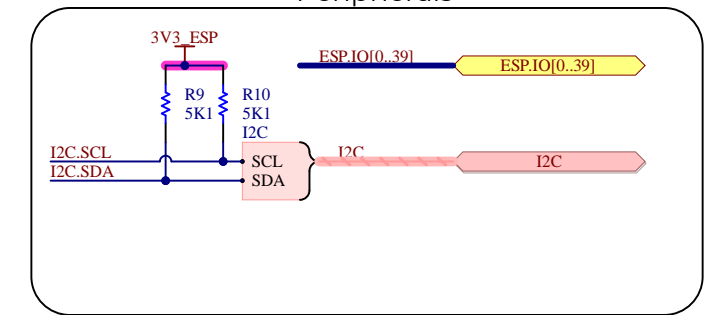
# Fri3D Ira 2022

## ESP32 Module

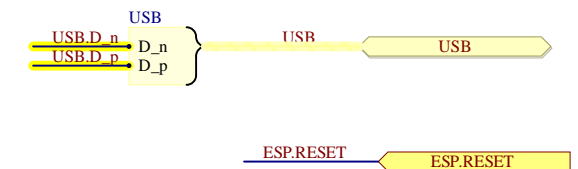
### ESP-WROVER-32



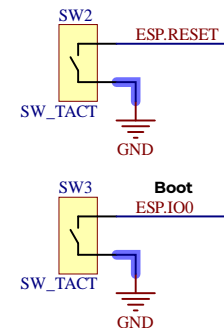
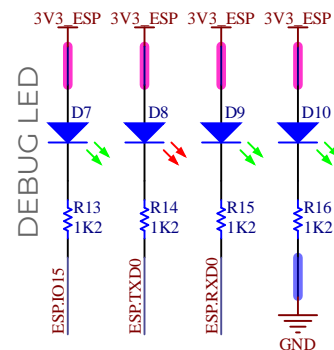
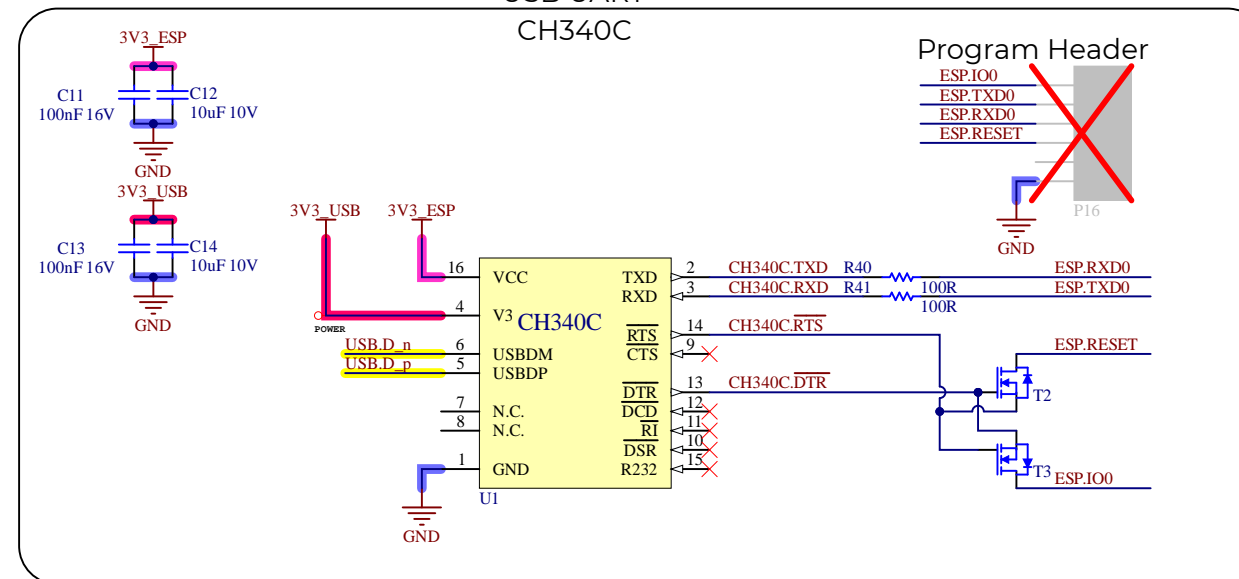
### Peripherals



### USB Interface

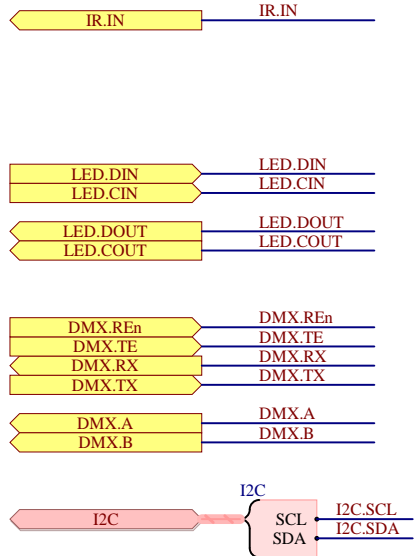


### USB UART CH340C



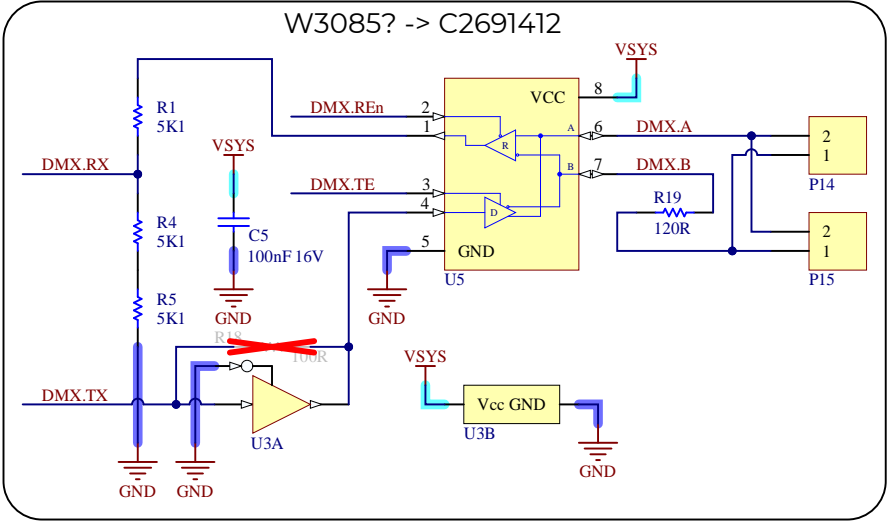
# Fri3D Ira 2022

## Peripherals

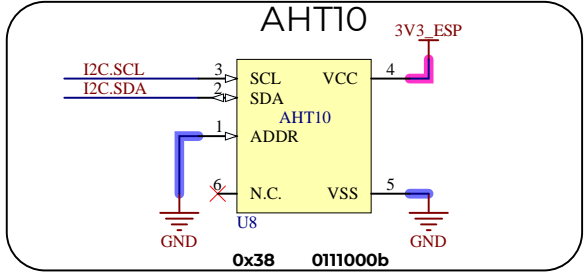


### RS-485 Transmitter

W3085? -> C2691412

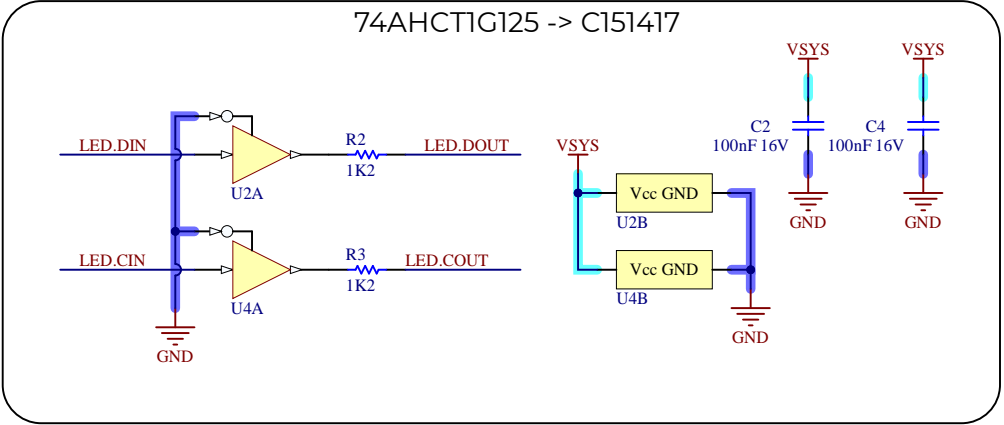


### Temperature and Humidity sensor

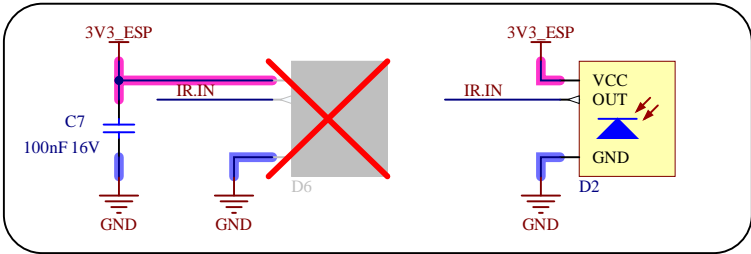


### Pixel buffers

74AHCT1G125 -> C151417



### IR Receiver



**Phyx**

Title  
Peripherals

Date  
26/12/2021

Size  
A3

Revision  
01

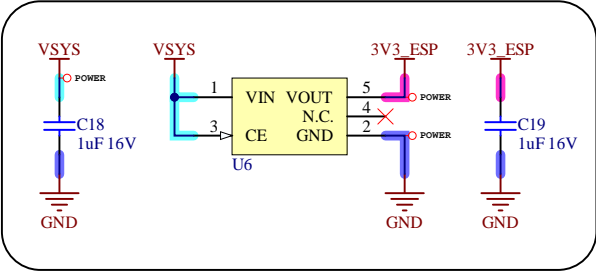
Drawn By  
Wim Van Gool

Sheet  
3 of 4

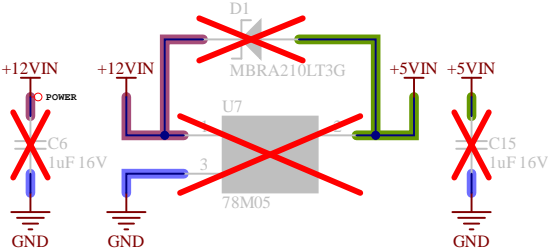
# Fri3D Ira 2022

## Power

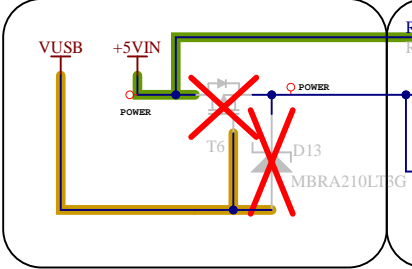
ESP Power



Optional 5V power supply



Power Protection



Power Switch

