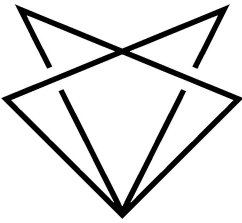


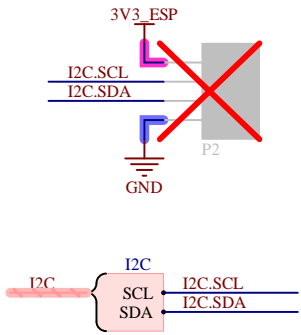
Rev. 00 : Initial release
Rev. 01 : Bug Fixes

Fri3D Ira 2022

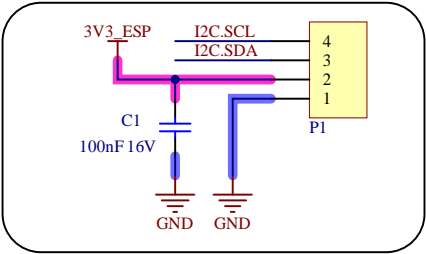
Top Level



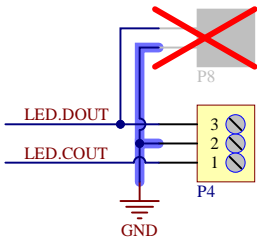
I²C output



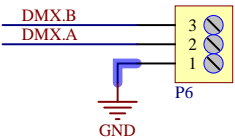
Stemma QT



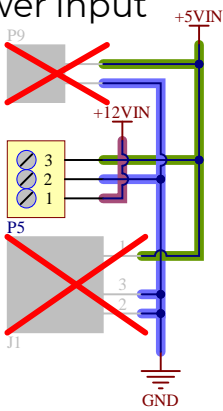
Digital LED Strips



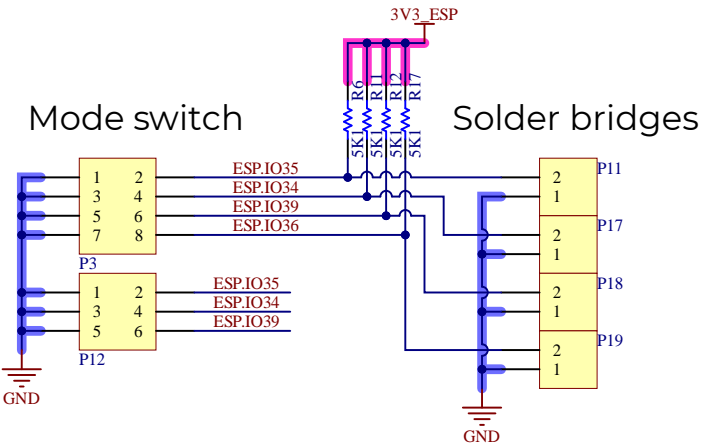
RS-485 Transceiver



Power input



Mode switch



Solder bridges

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

Phyx

Title
Top Level

Date
26/12/2021

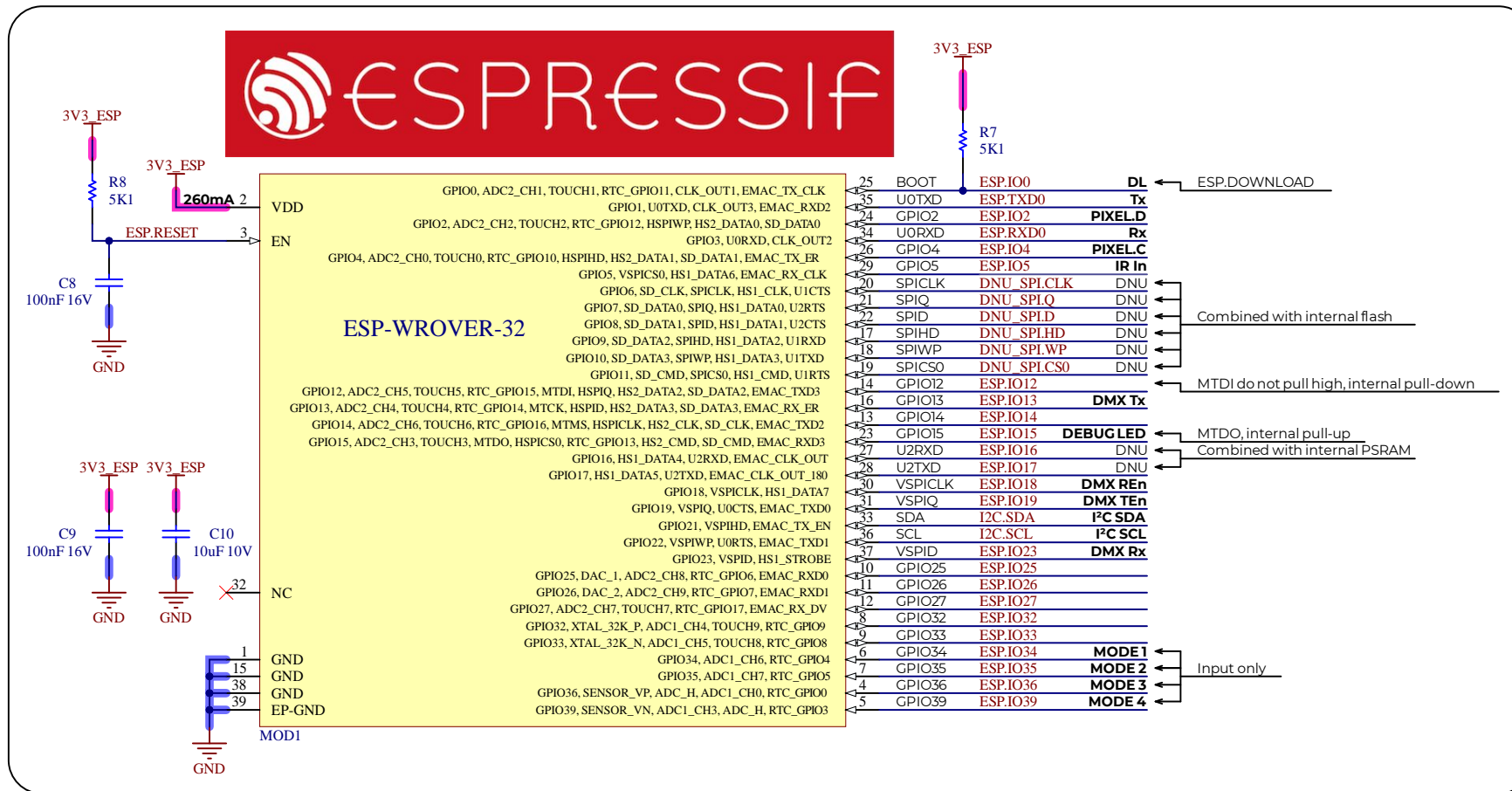
Drawn By
Wim Van Gool

Size
A3
Sheet 1 of 4

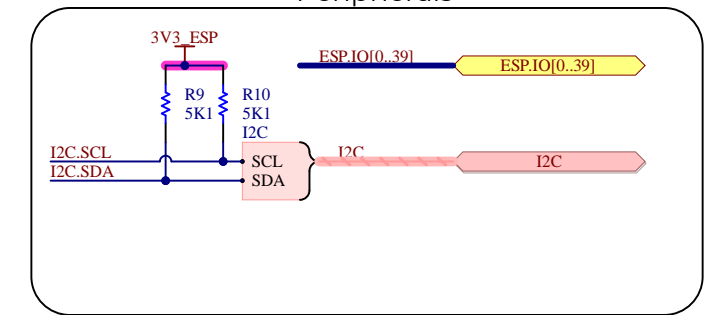
Fri3D Ira 2022

ESP32 Module

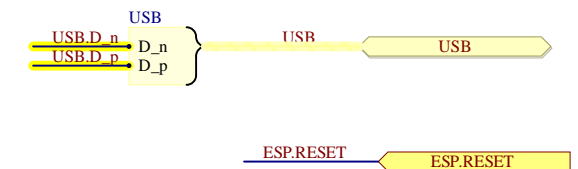
ESP-WROVER-32



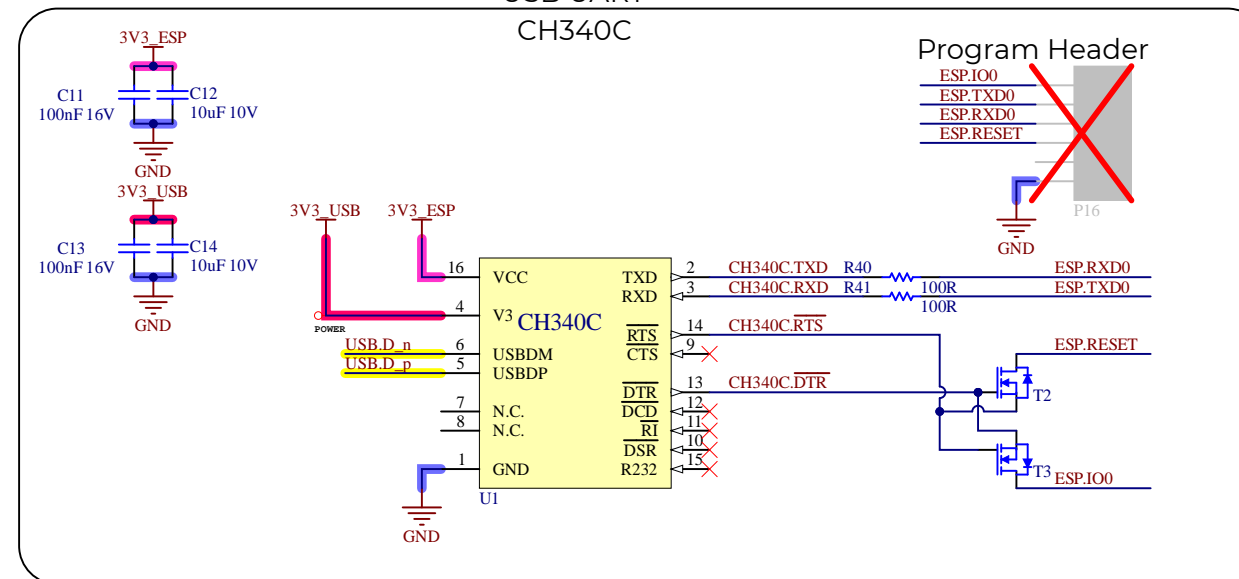
Peripherals



USB Interface

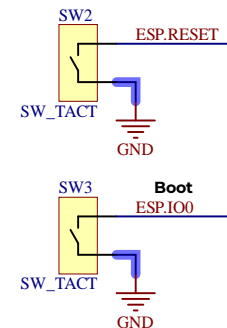
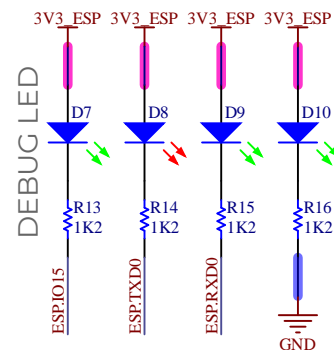


USB UART CH340C



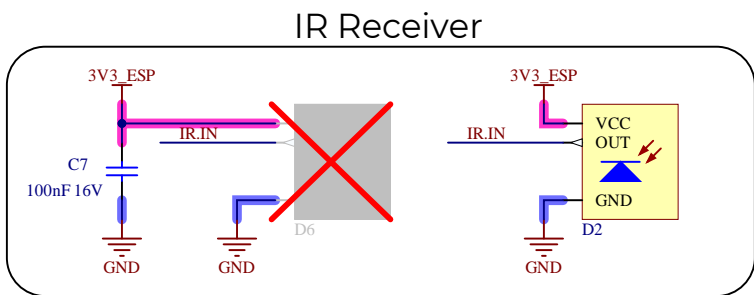
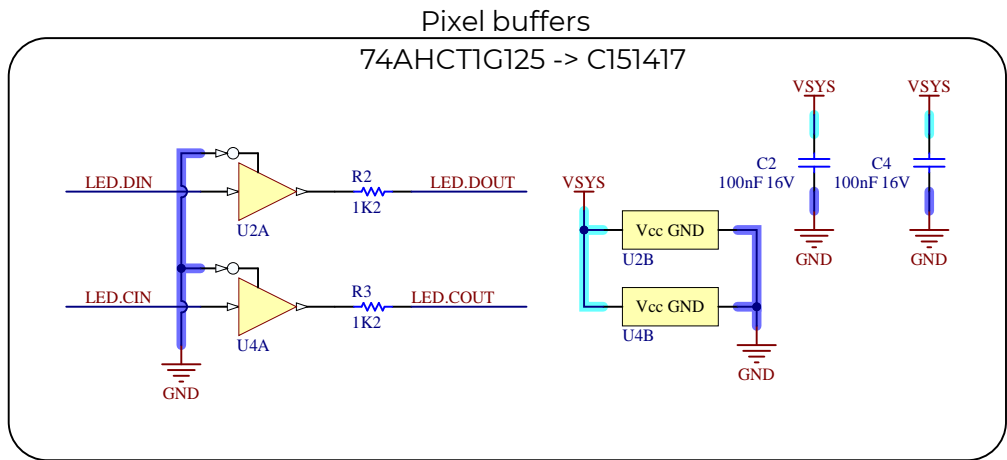
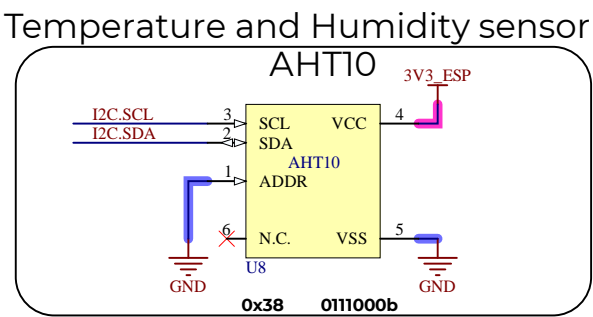
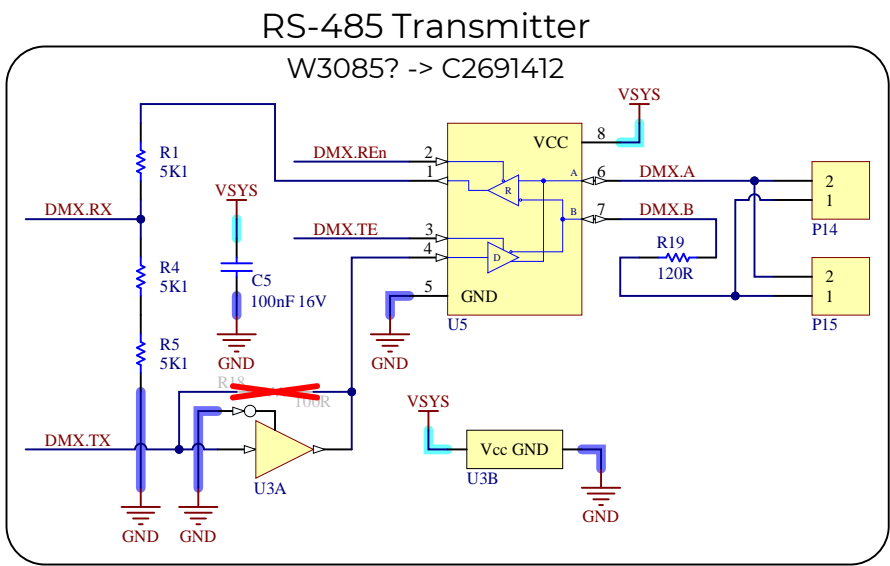
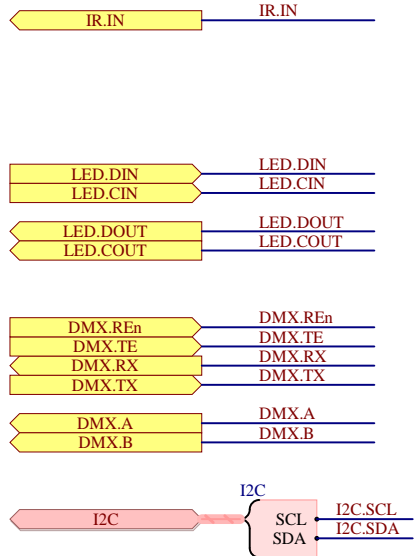
Program Header

ESP.IO0
ESP.TXD0
ESP.RXD0
ESP.RESET



Fri3D Ira 2022

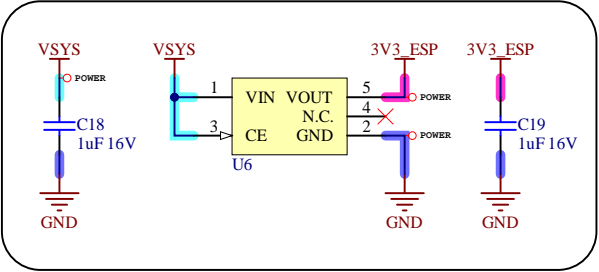
Peripherals



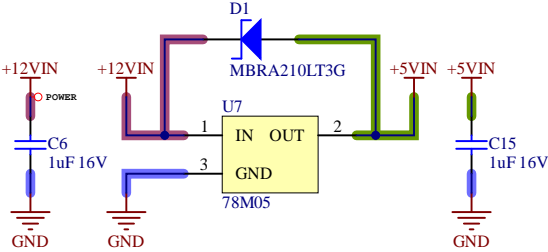
Fri3D Ira 2022

Power

ESP Power

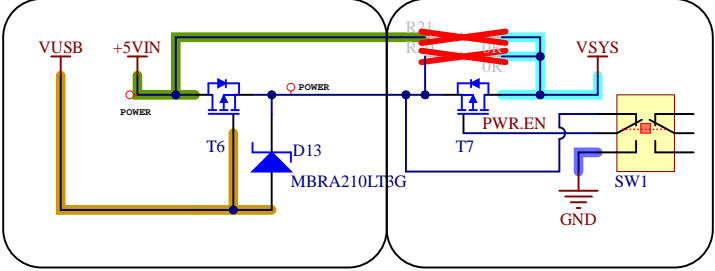


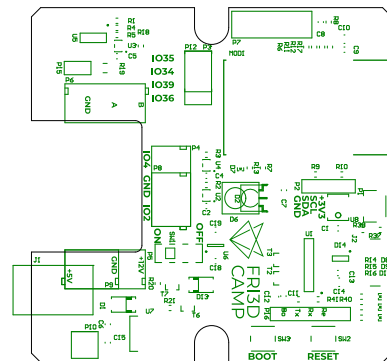
Optional 5V power supply



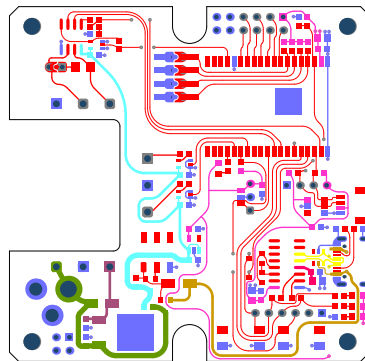
Power Protection

Power Switch

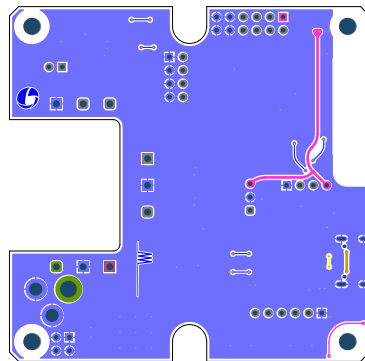




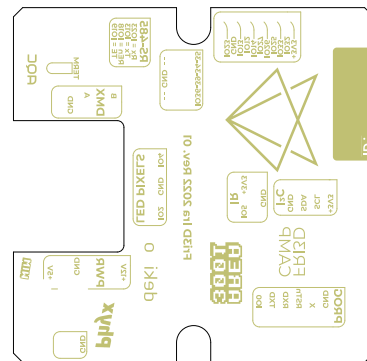
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Desginer WimVG	Date	Rev
	14/03/2022	01
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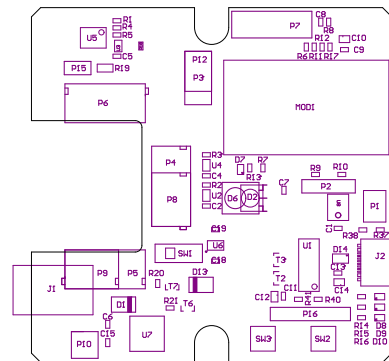
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Designer			
WimVG			




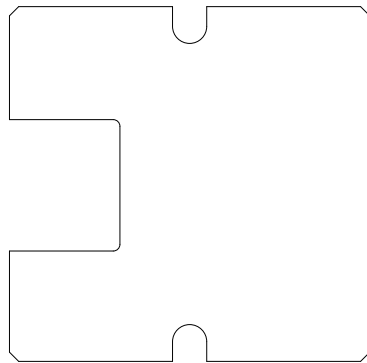
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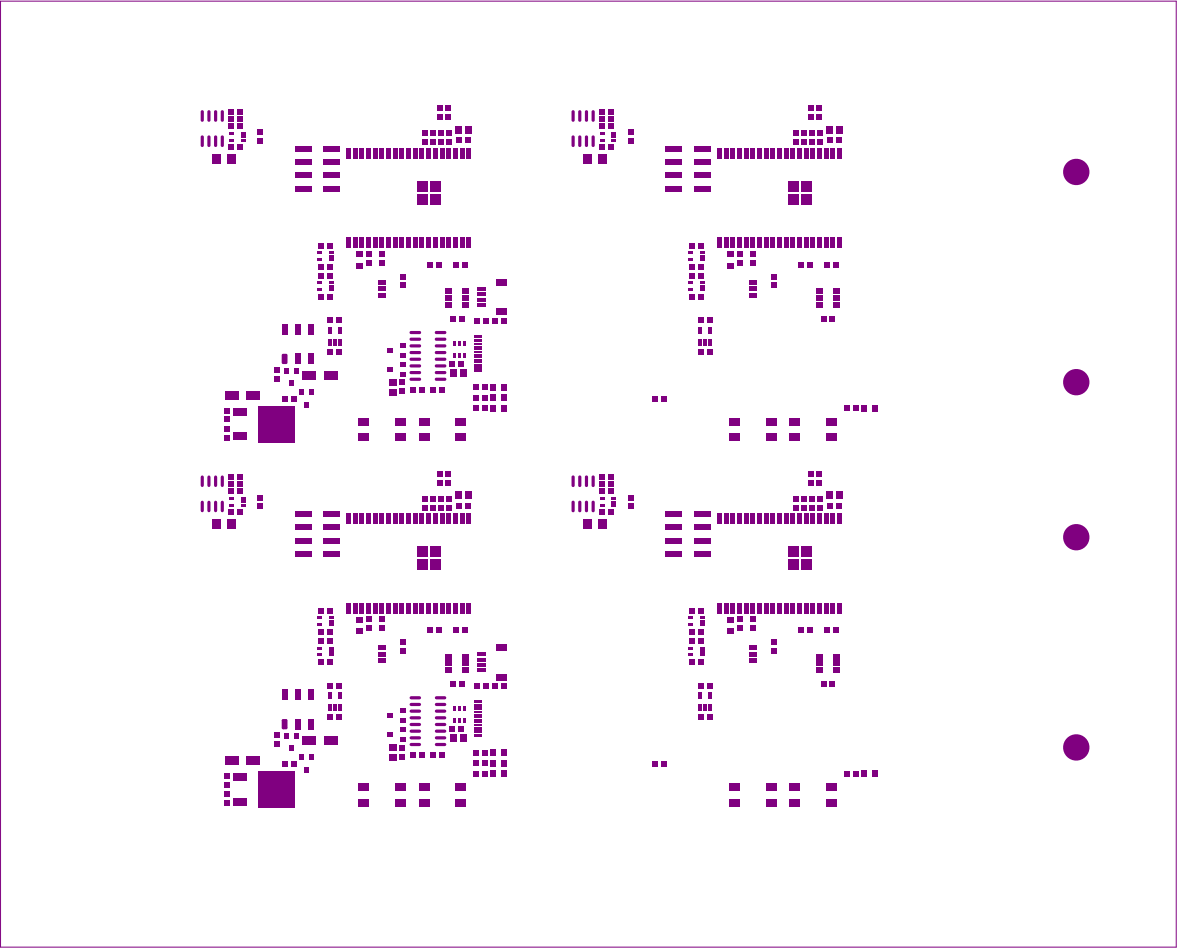
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WimVG		Fri3D_IRA_01.PcbDoc



Phyx	Document	
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Designer	Date	Rev
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Phyx

Designer
WimUG

Document Fri3D Ira 2022	
Layer Name Top Paste	
Date 14/03/2022	Rev 01
Document Fri3D_IRA_01.PcbDoc	

