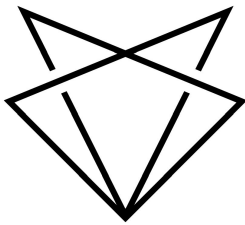
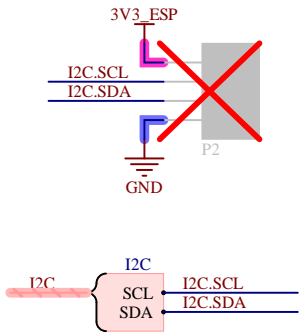


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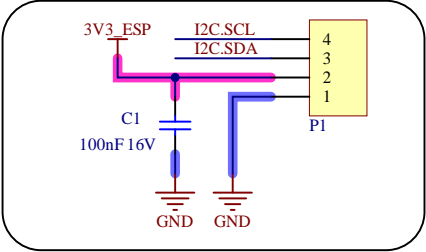
Top Level



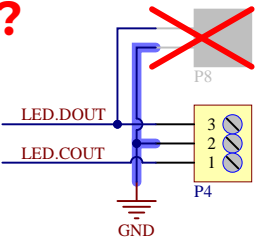
I²C output



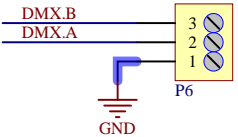
Stemma QT



Digital LED Strips

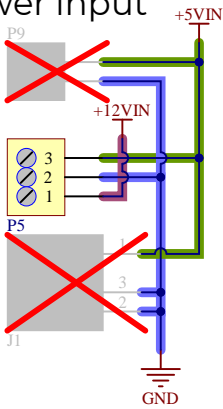


RS-485 Transceiver

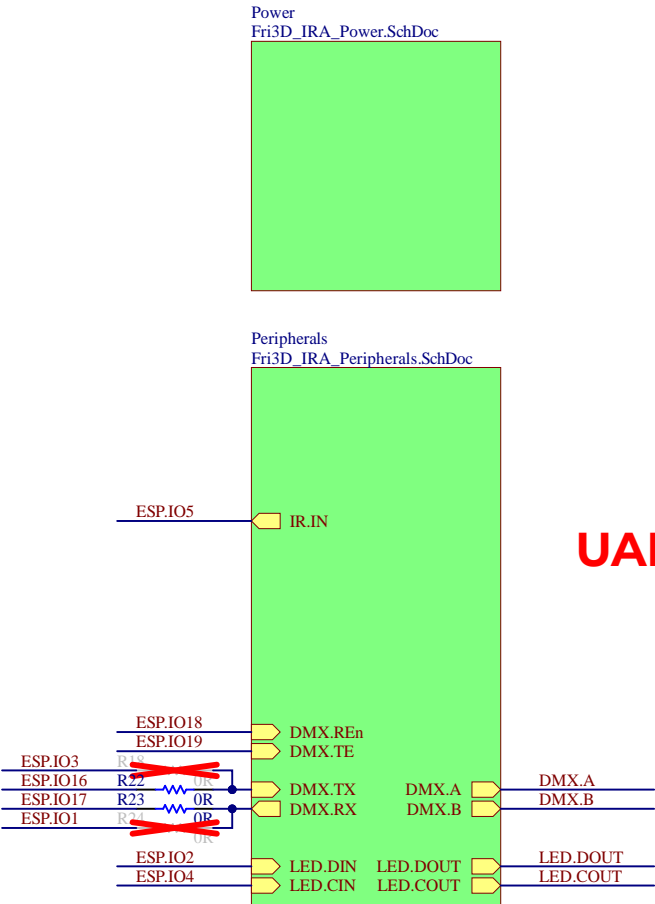
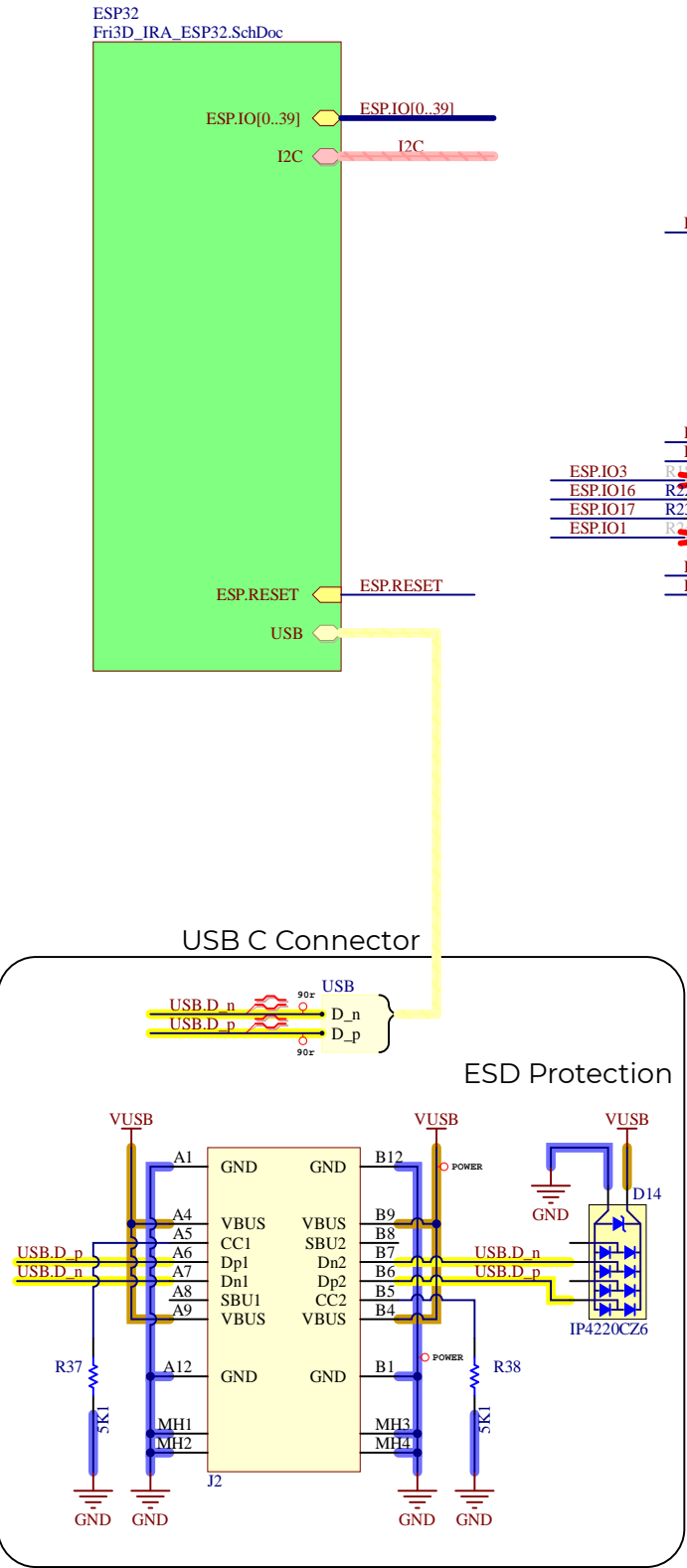
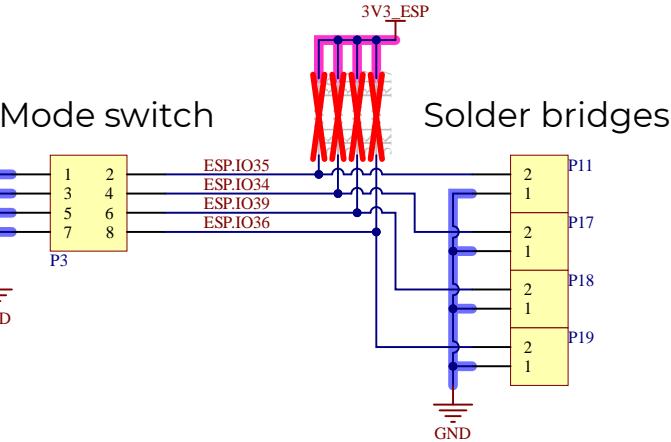


Housing?
HMMFG 1593ARTBU ?
Cable Gland?
IPG-2227

Power input

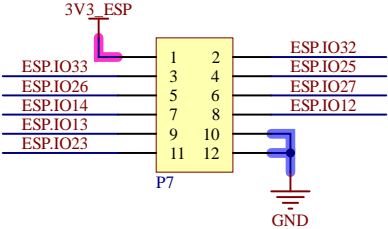


PU req?



UART 2 PINS combined with PSRAM?!?!?

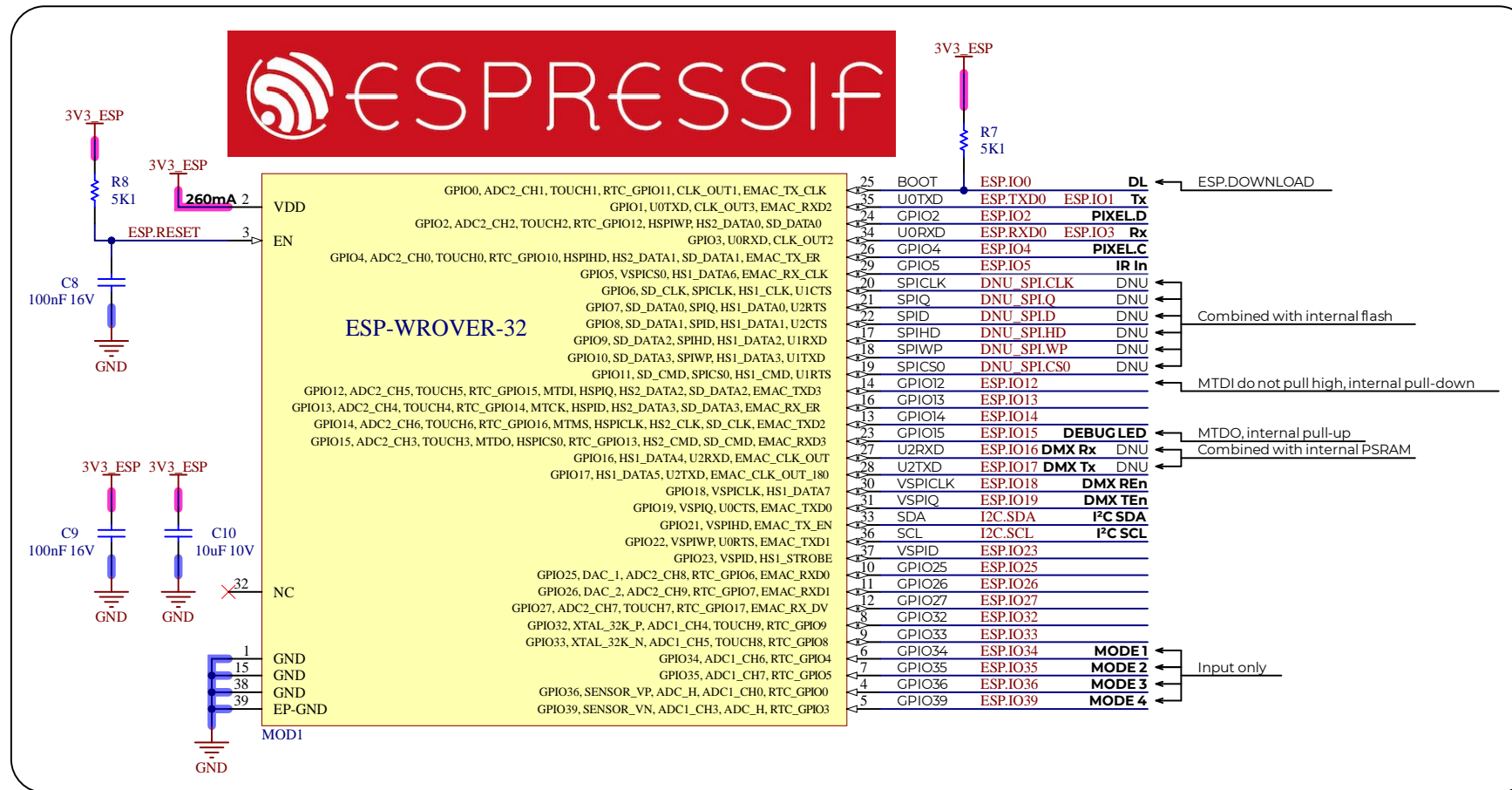
Free GPIO



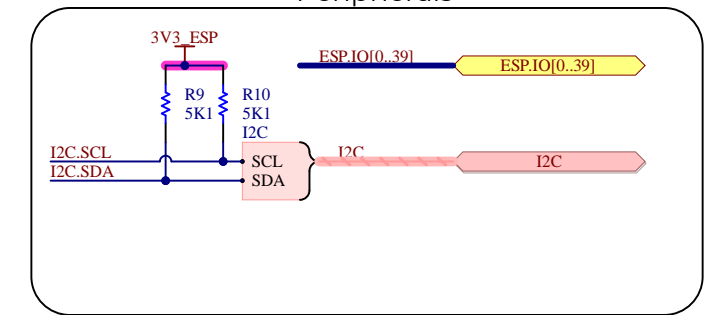
Fri3D Ira 2020

ESP32 Module

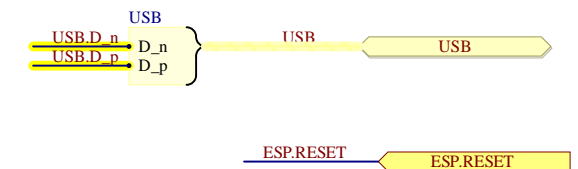
ESP-WROVER-32



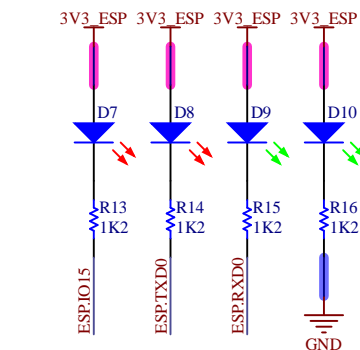
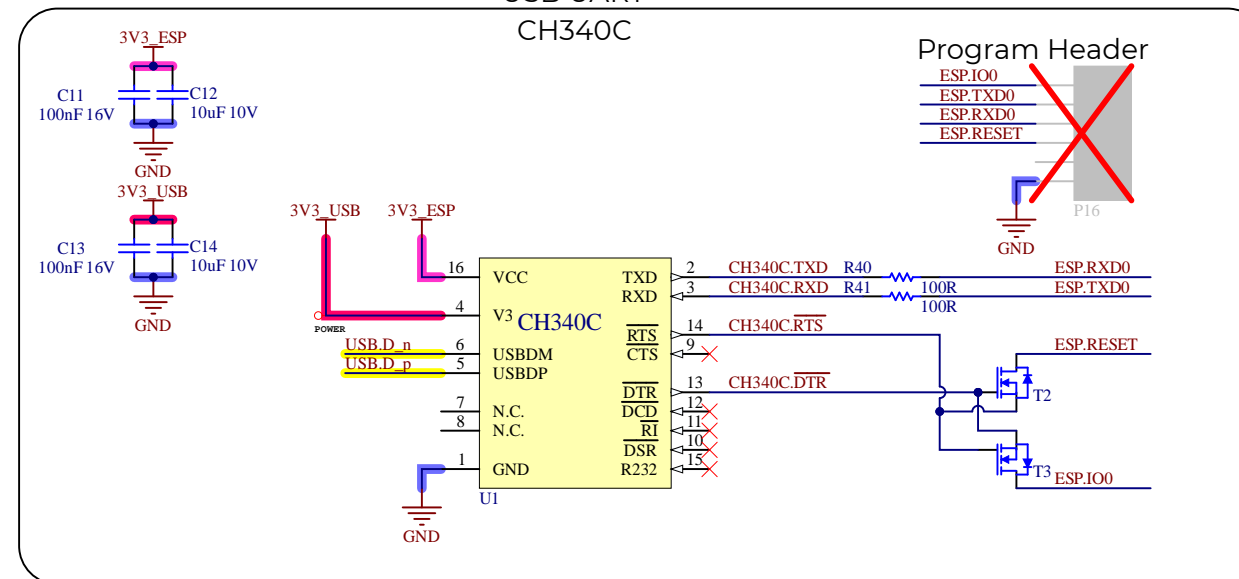
Peripherals



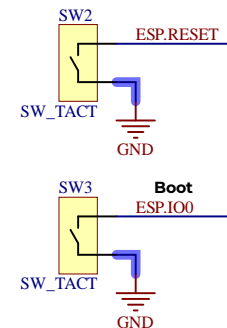
USB Interface



USB UART CH340C



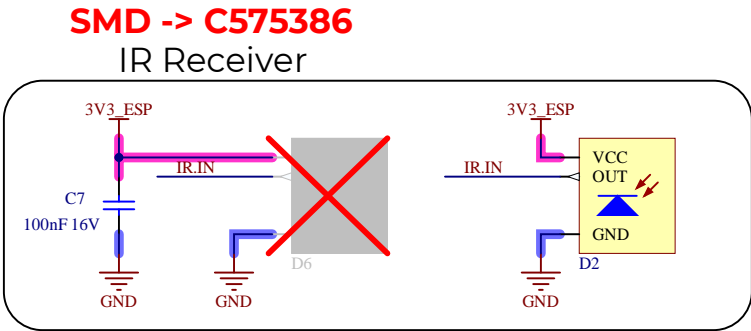
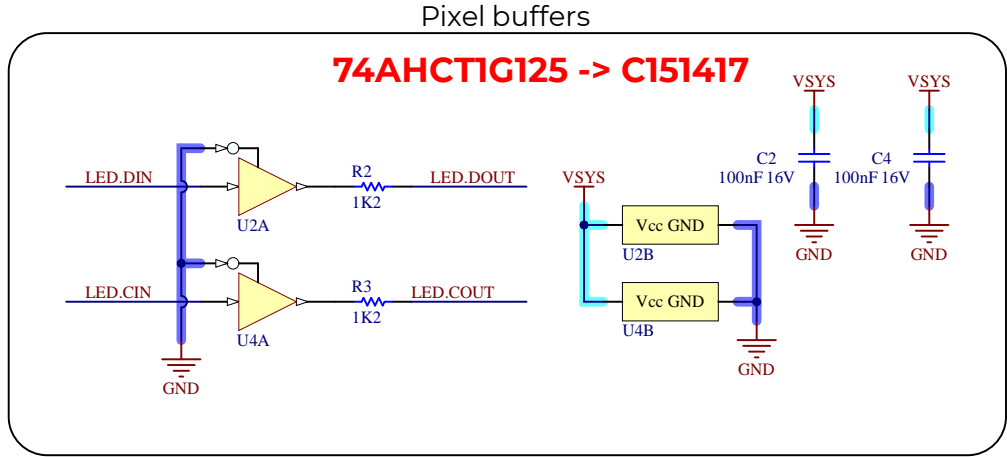
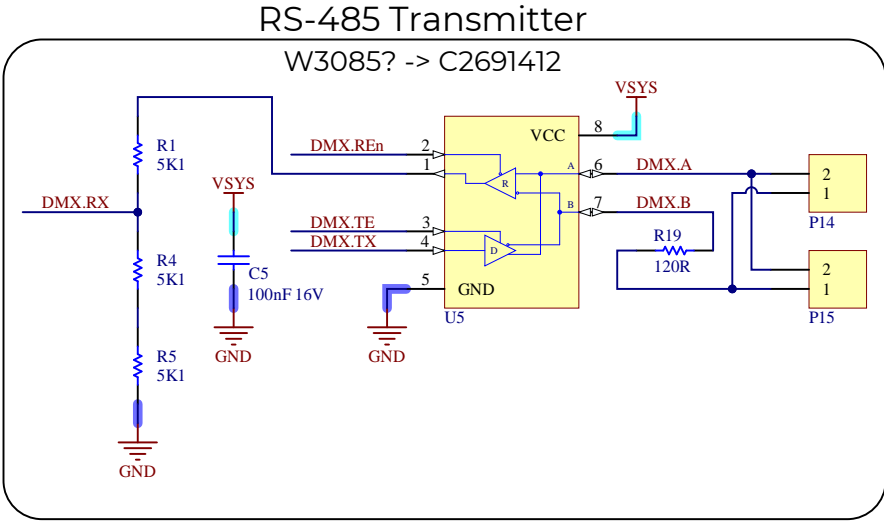
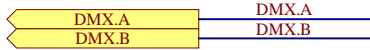
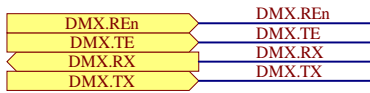
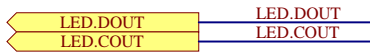
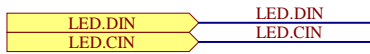
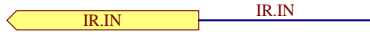
DEBUG LED



Phyx		Title ESP32 Module	
		Date 25/07/2021	Size A3
Revision 00	Drawn By Wim Van Gool		Sheet 2 of 4

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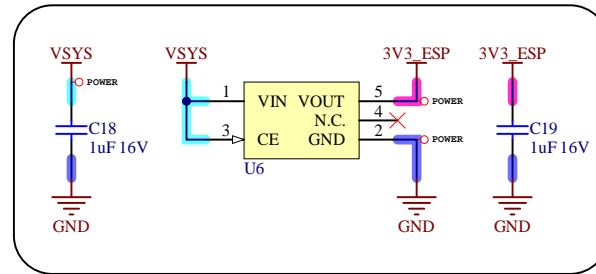
Peripherals



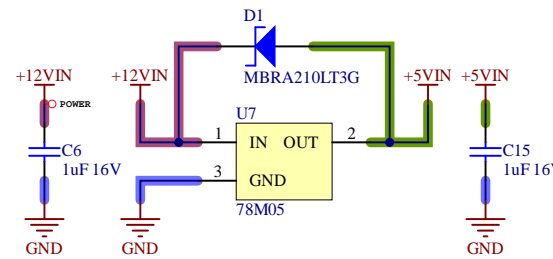
Fri3D Ira 2020

Power

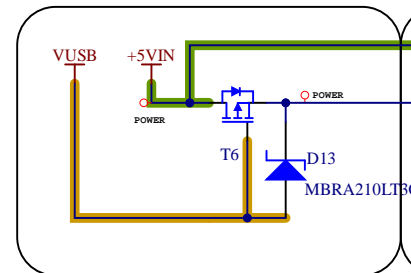
ESP Power



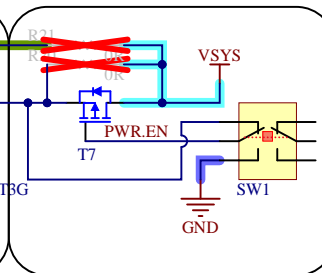
Optional 5V power supply

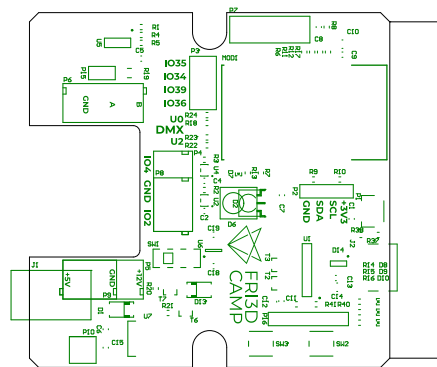


Power Protection

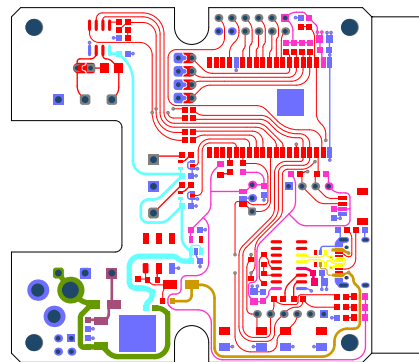


Power Switch

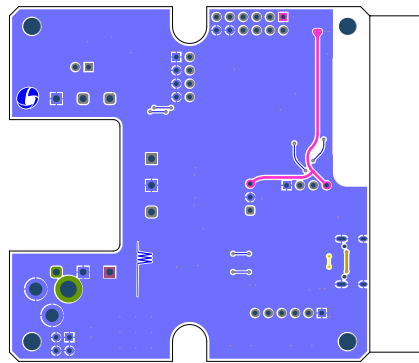




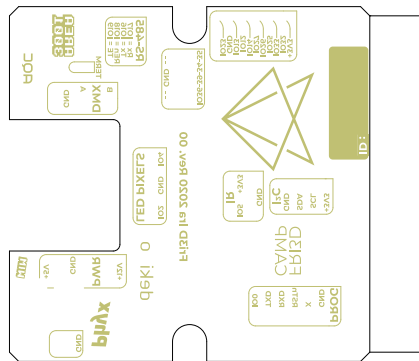
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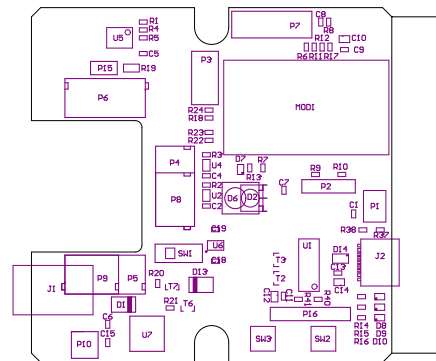
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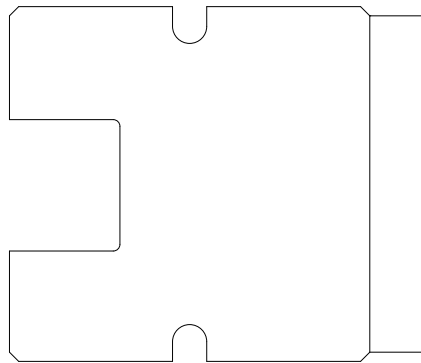
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