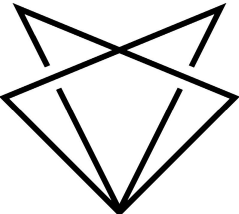


Rev. 00 : Initial release
Rev. 01 : QTPY/XIAO added

Fri3D 2020 Sweet 4x4

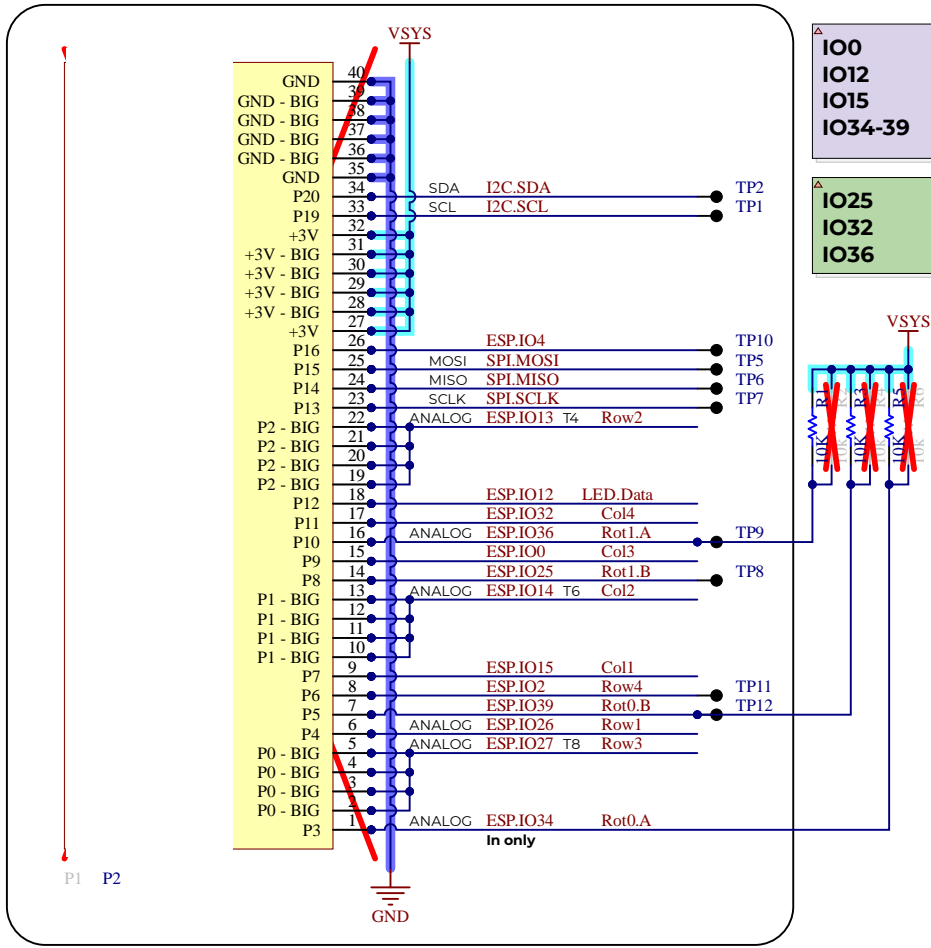
Top Level



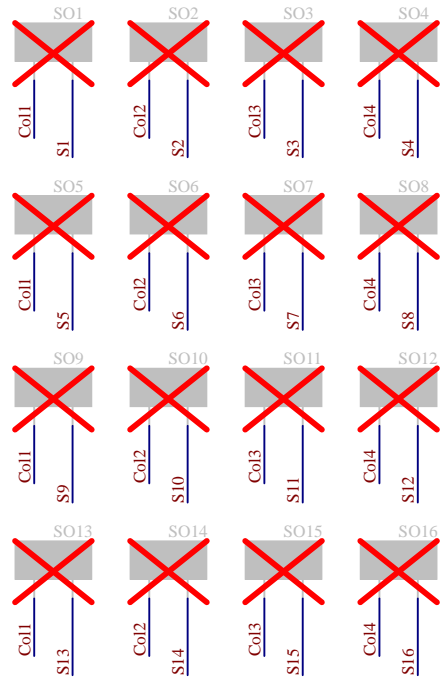
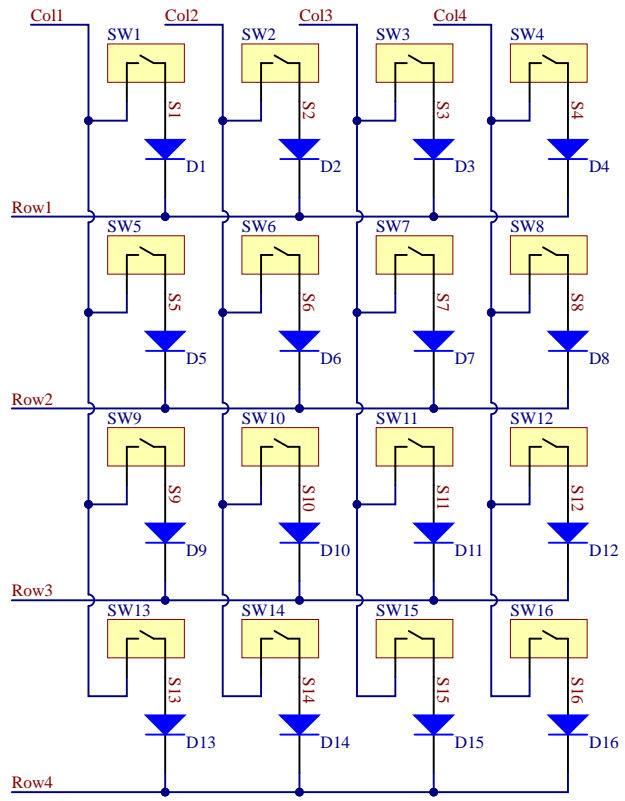
BBC Micro:bit connector

IO0 = Download
IO12 = MTDI , internal PD
IO15 = MTDO , internal PU
IO34-39 = Input only

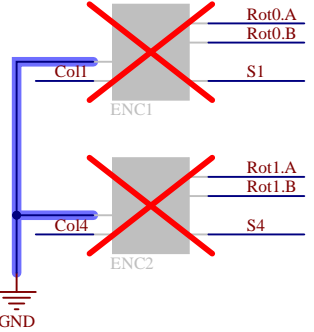
IO25 = Internal LED + IR in
IO32 = Buzzer (internal PD)
IO36 = Accelero Interrupt (internal PU)



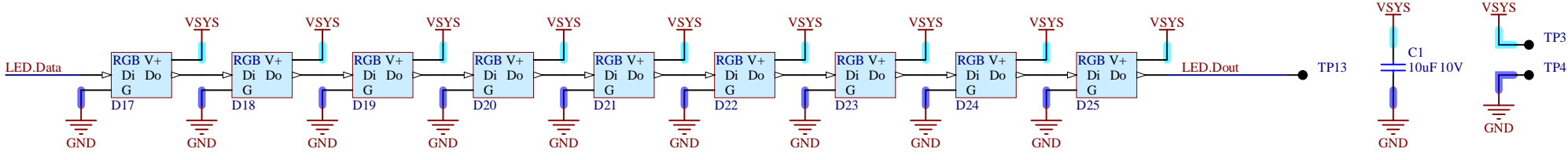
Cherry MX Switches



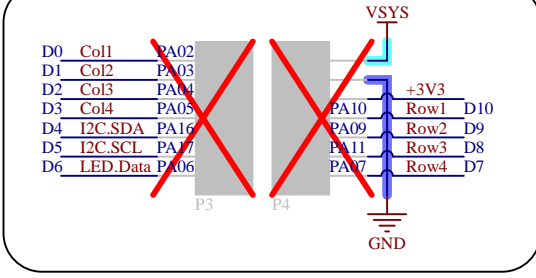
Encoders



RGB LEDs



QTPY / XIAO Pinout



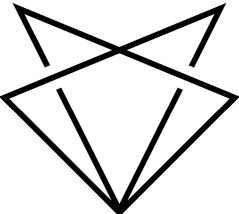
Variant Name = Default

Phyx	Title	
	Top Level	
	Date	07/06/2022
	Size	A3
Revision	01	
Drawn By	Wim Van Gool	
Sheet	1	of 1

Rev. 00 : Initial release
Rev. 01 : QTPY/XIAO added

Fri3D 2020 Sweet 4x4

Top Level

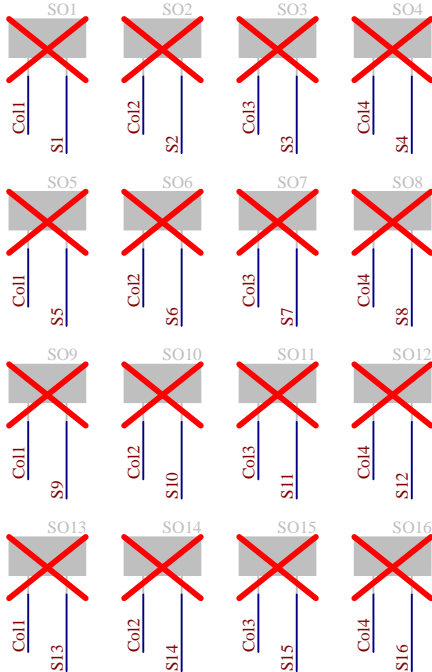
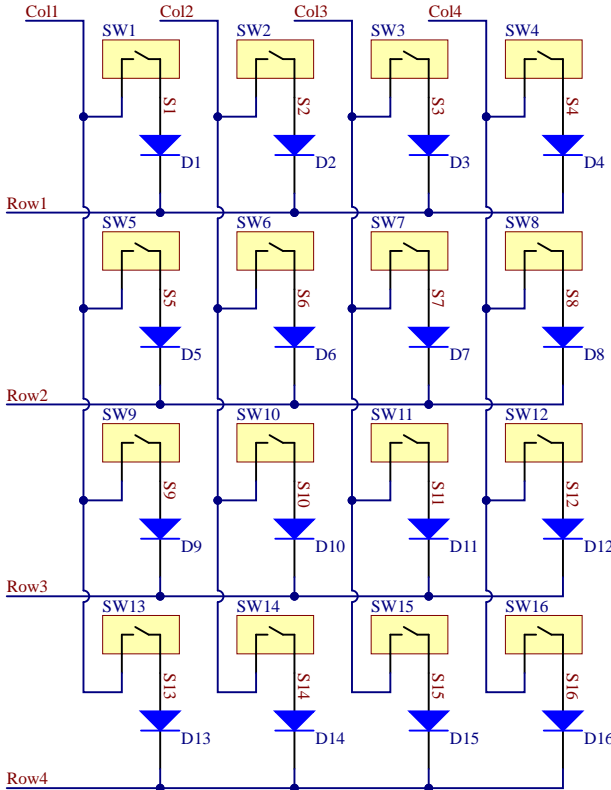


BBC Micro:bit connector

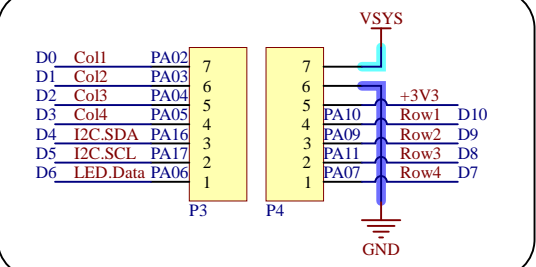
IO0 = Download
IO12 = MTDI , internal PD
IO15 = MTDO , internal PU
IO34-39 = Input only

IO25 = Internal LED + IR in
IO32 = Buzzer (internal PD)
IO36 = Accelero Interrupt (internal PU)

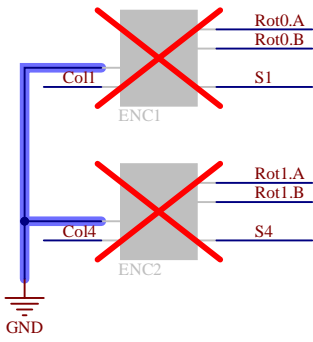
Cherry MX Switches



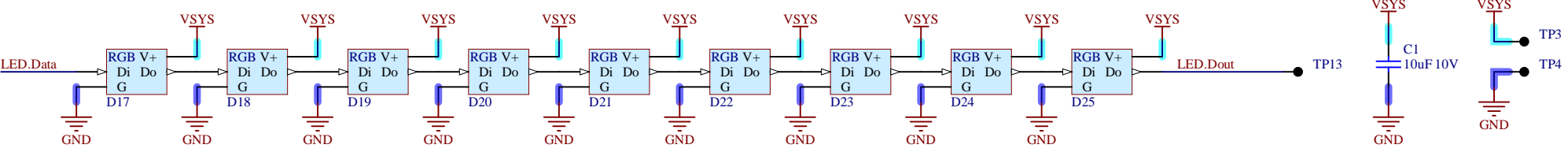
QTPY / XIAO Pinout

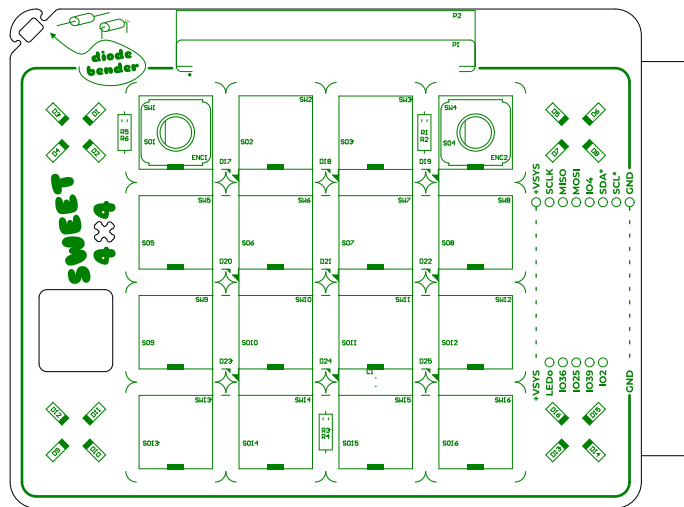



Encoders

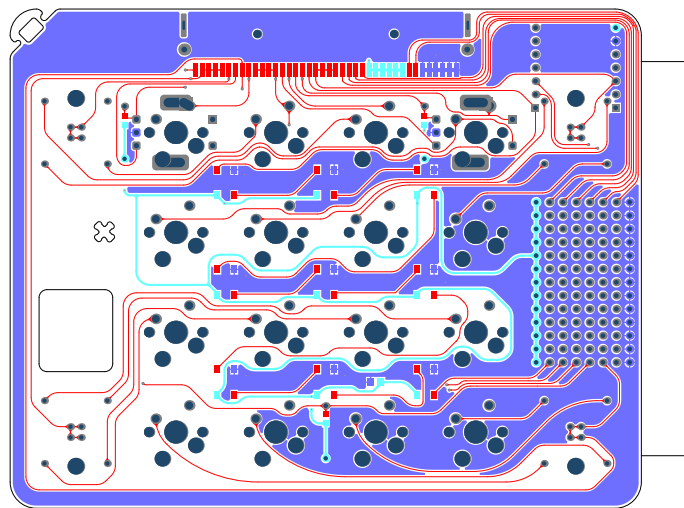


RGB LEDs

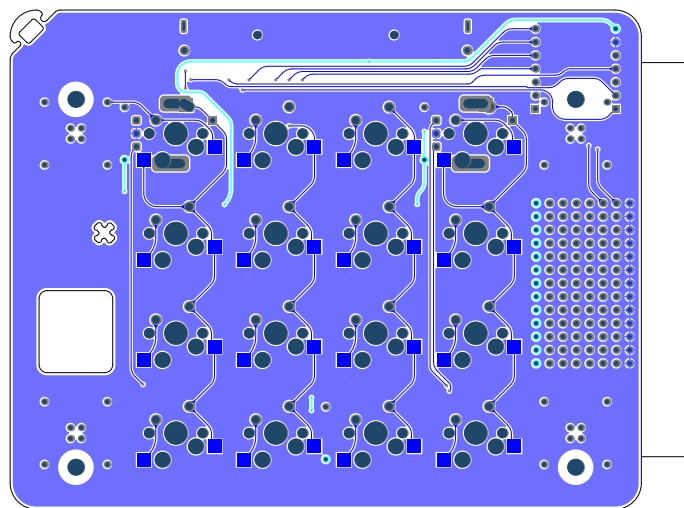




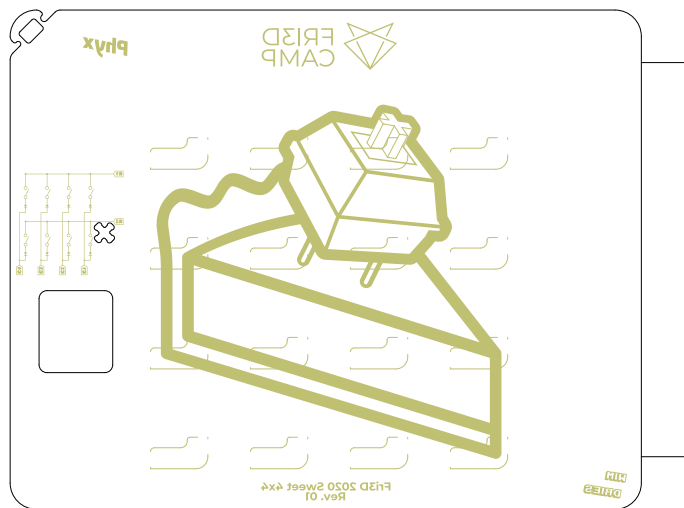
	Document	
	Fri3D 2020 Sweet 4x4	
	Layer Name	
	Top Overlay	
Designer WimVG	Date	Rev
	07/06/2022	01
Document		
Fri3D_2020_Sweet4x4_01.PcbDoc		



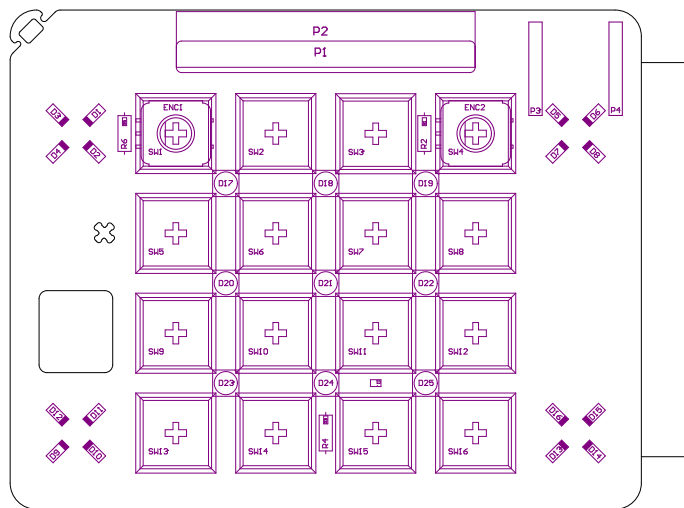
Phyx	Document	
	Fri3D 2020 Sweet 4x4	
	Layer Name	
	Top Layer	
Designer	Date	Rev
	07/06/2022	01
WimVG		Document
		Fri3D_2020_Sweet4x4_01.PcbDoc




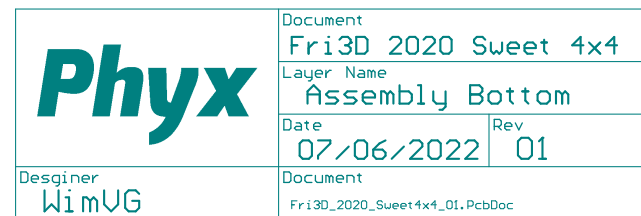
Phyx	Document	
	Fri3D 2020 Sweet 4x4	
	Layer Name	
	Bottom Layer	
	Date	Rev
	07/06/2022	01
Designer	Document	
WimVG	Fri3D_2020_Sweet4x4_01.PcbDoc	

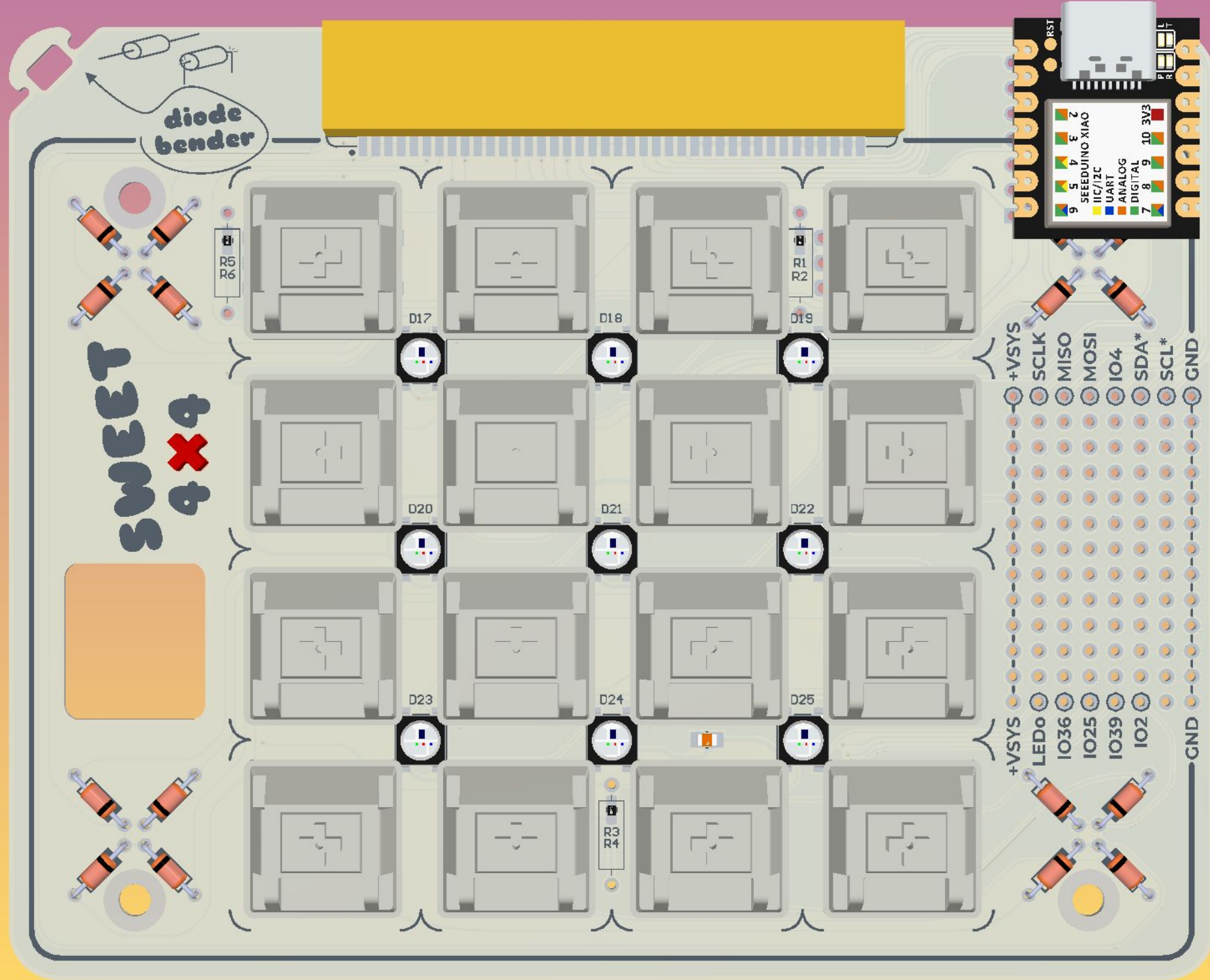


Phyx	Document		Fri3D 2020 Sweet 4x4
	Layer Name		Bottom Overlay
	Date	Rev	07/06/2022 01
Designer WimUG	Document Fri3D_2020_Sweet4x4_01.PcbDoc		



	Document	
	Fri3D 2020 Sweet 4x4	
	Layer Name	
	Assembly Top	
Designer	Date	Rev
	07/06/2022	01
WimVG		Document
		Fri3D_2020_Sweet4x4_01.PcbDoc

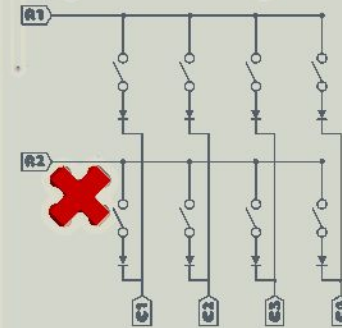
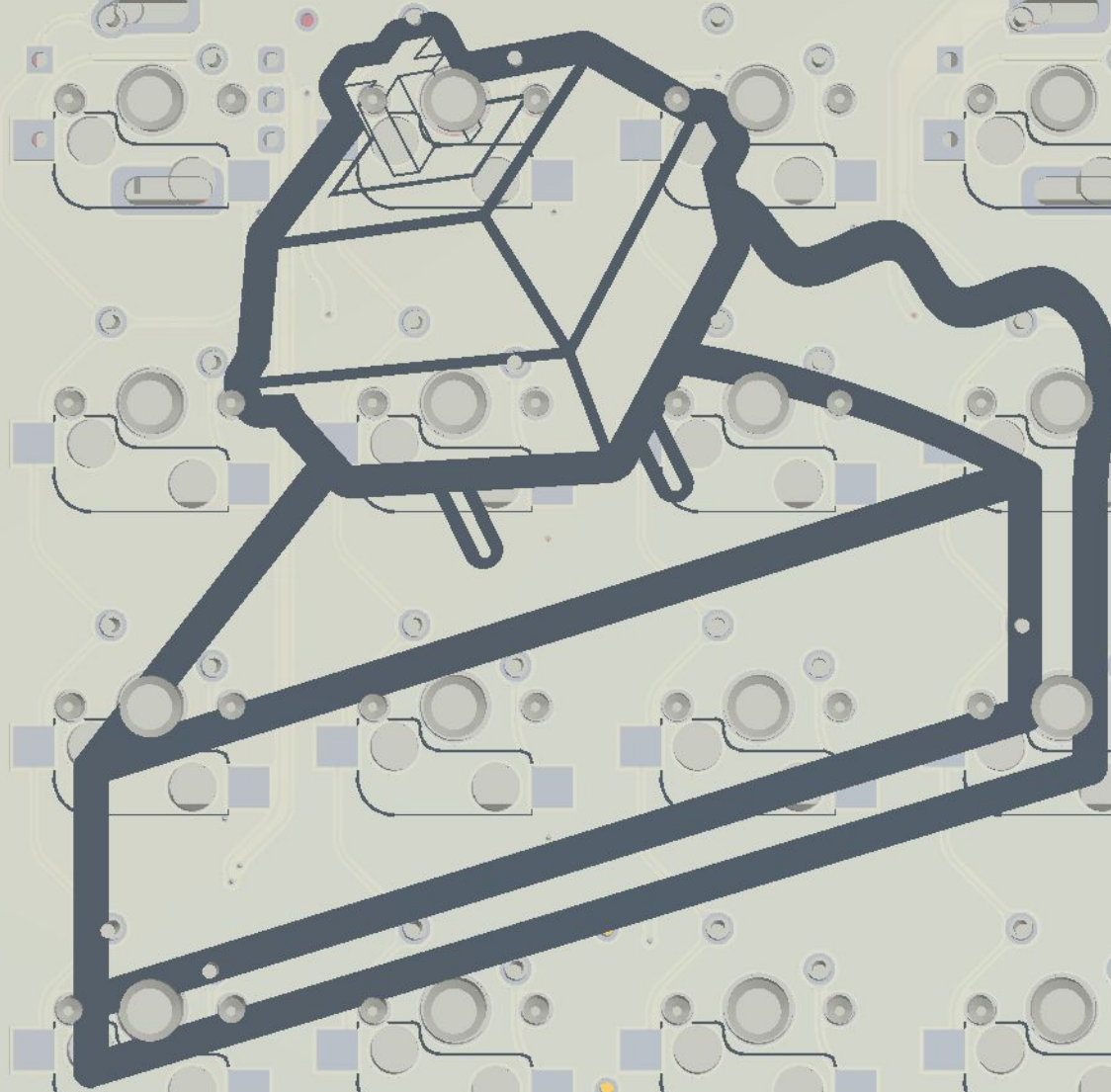






FRI3D
CAMP

Phyx



WIM
DRIES

Fri3D 2020 Sweet 4x4
Rev. 01