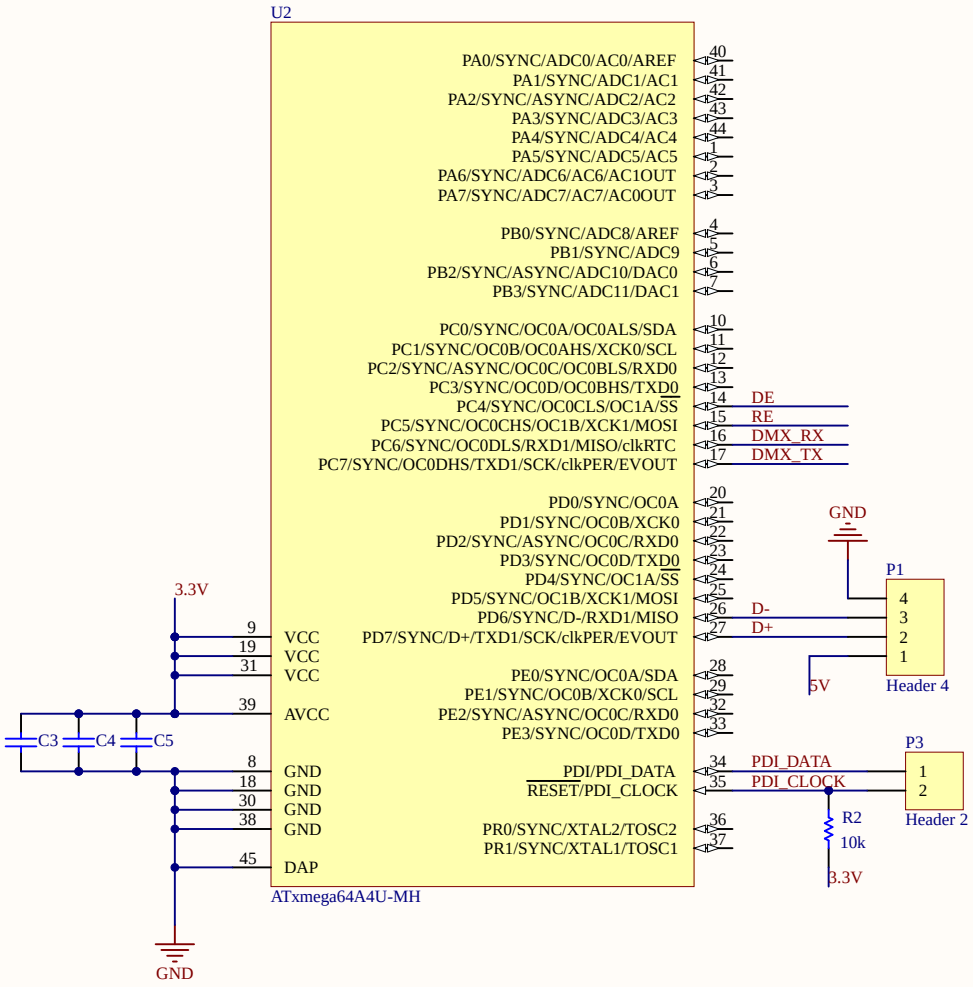
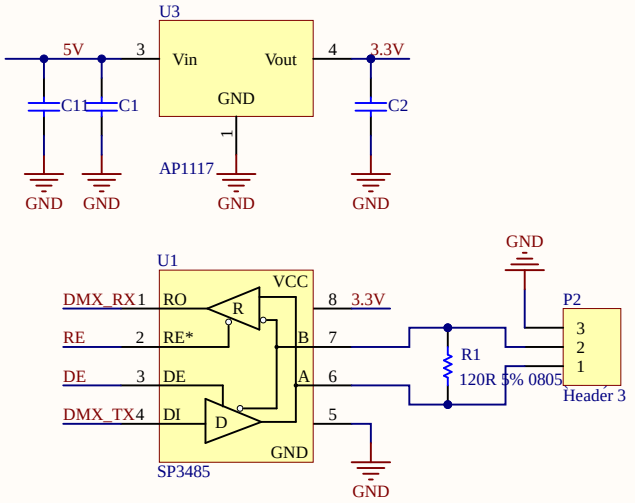
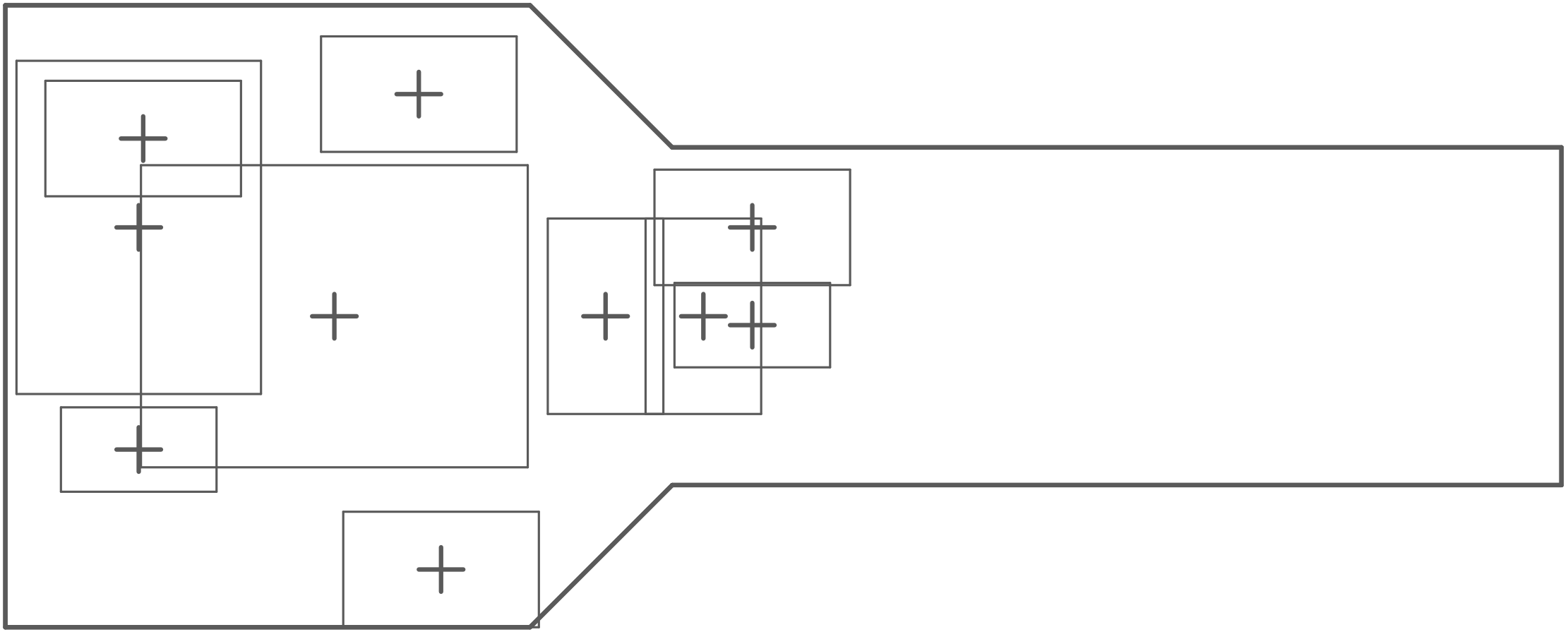
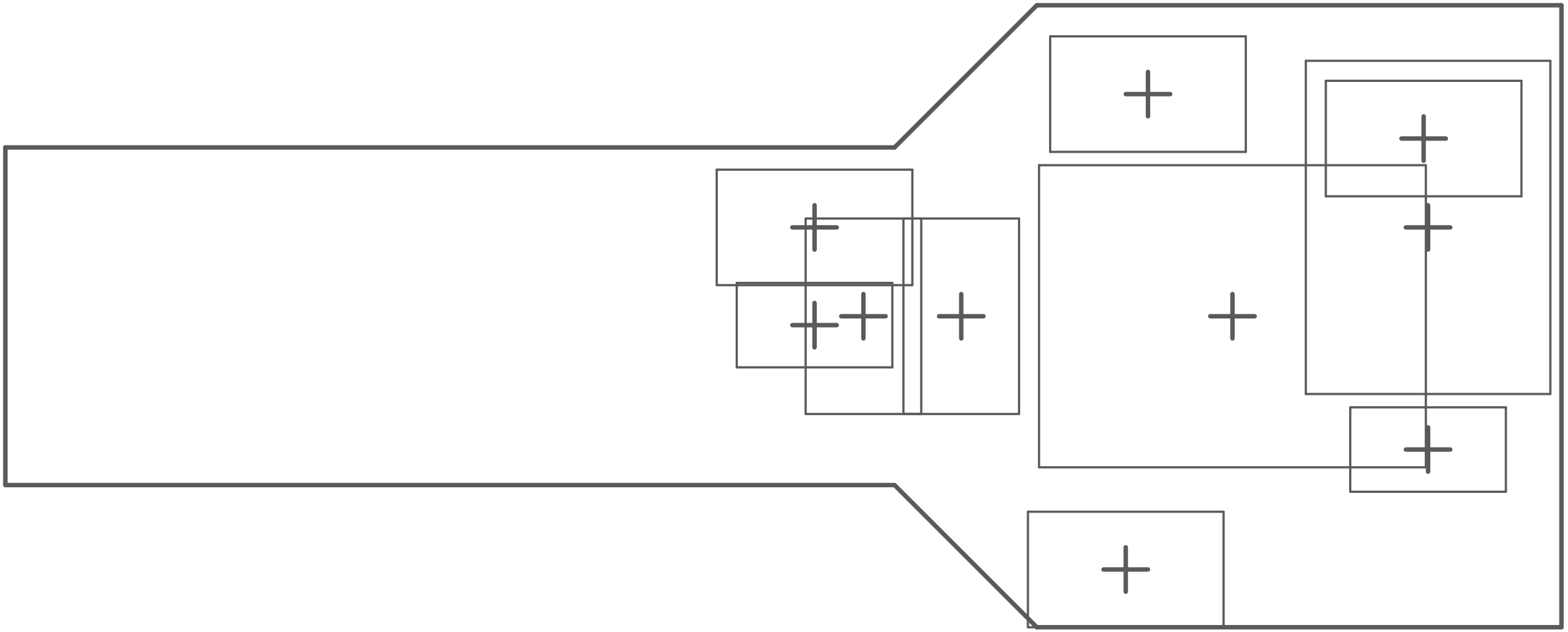
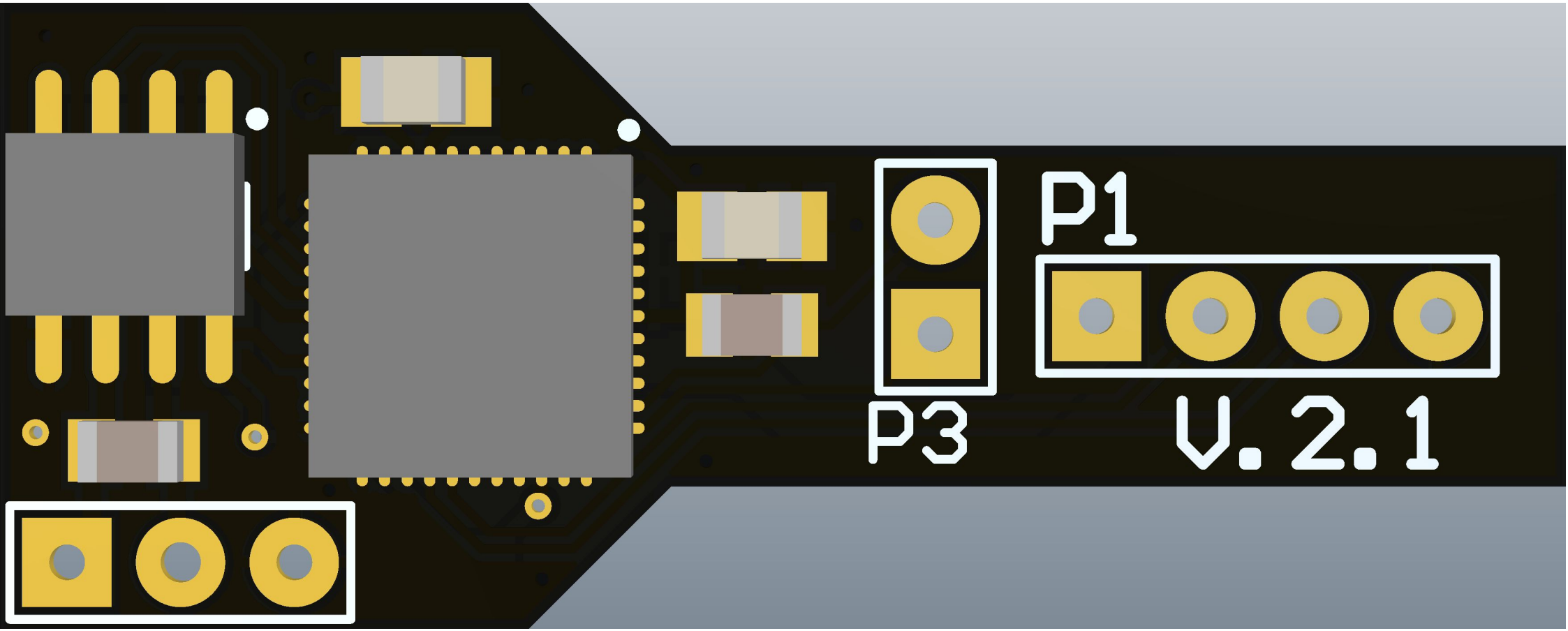


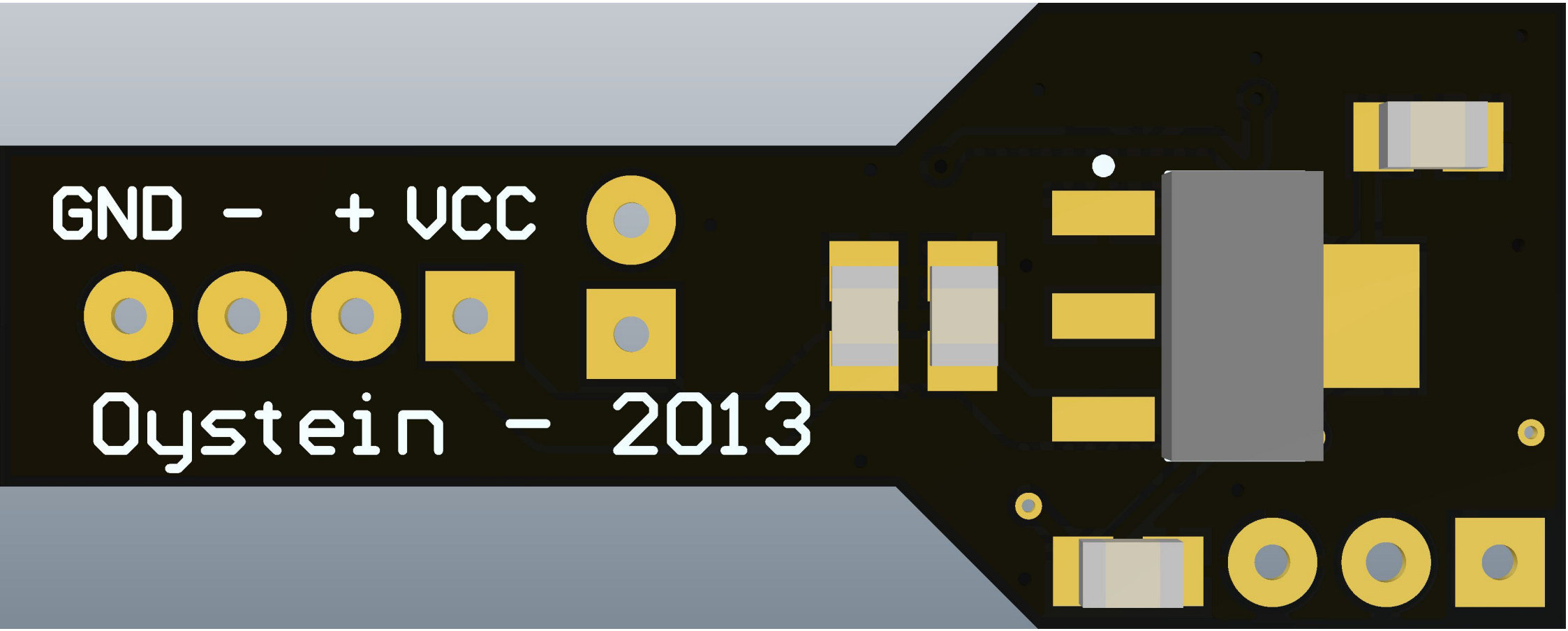


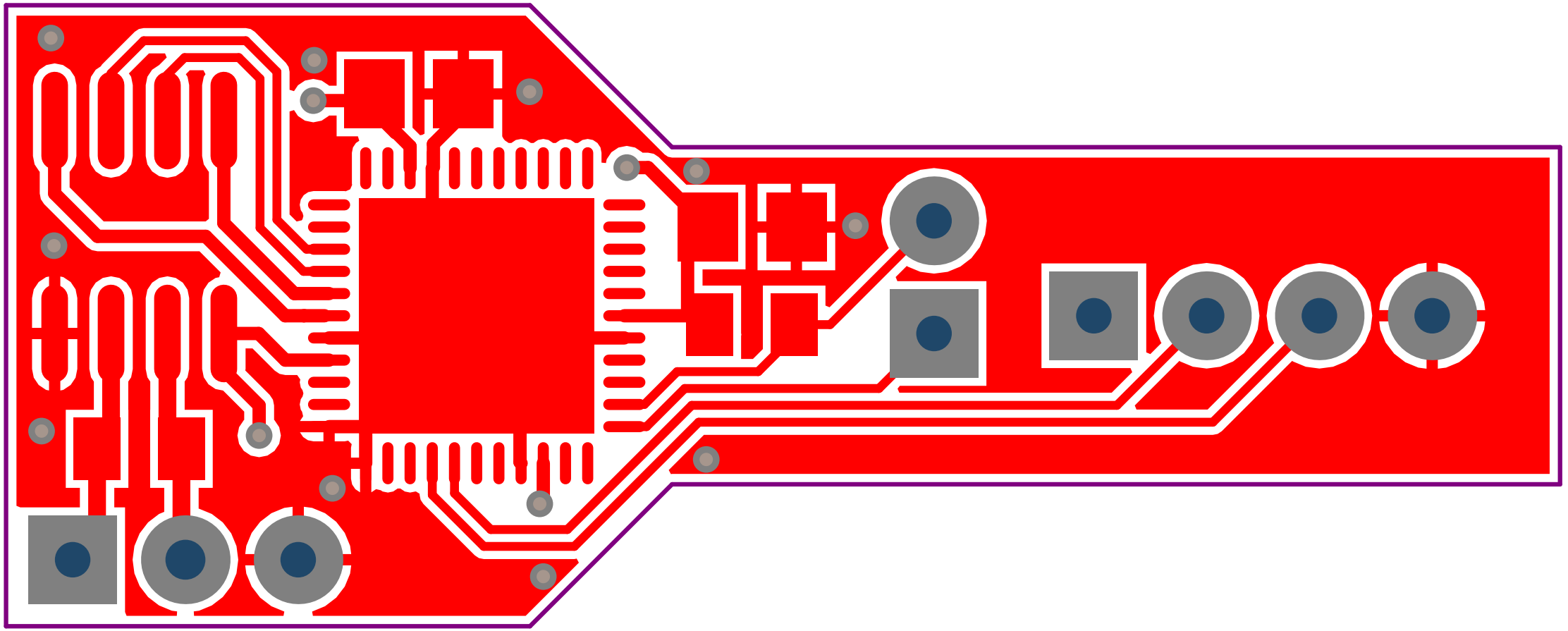
Title		
Size: A4	Number	Revision
Date: 9/16/2020		Sheet of
File: C:\Git\..\DMXController.SchDoc		Drawn By:

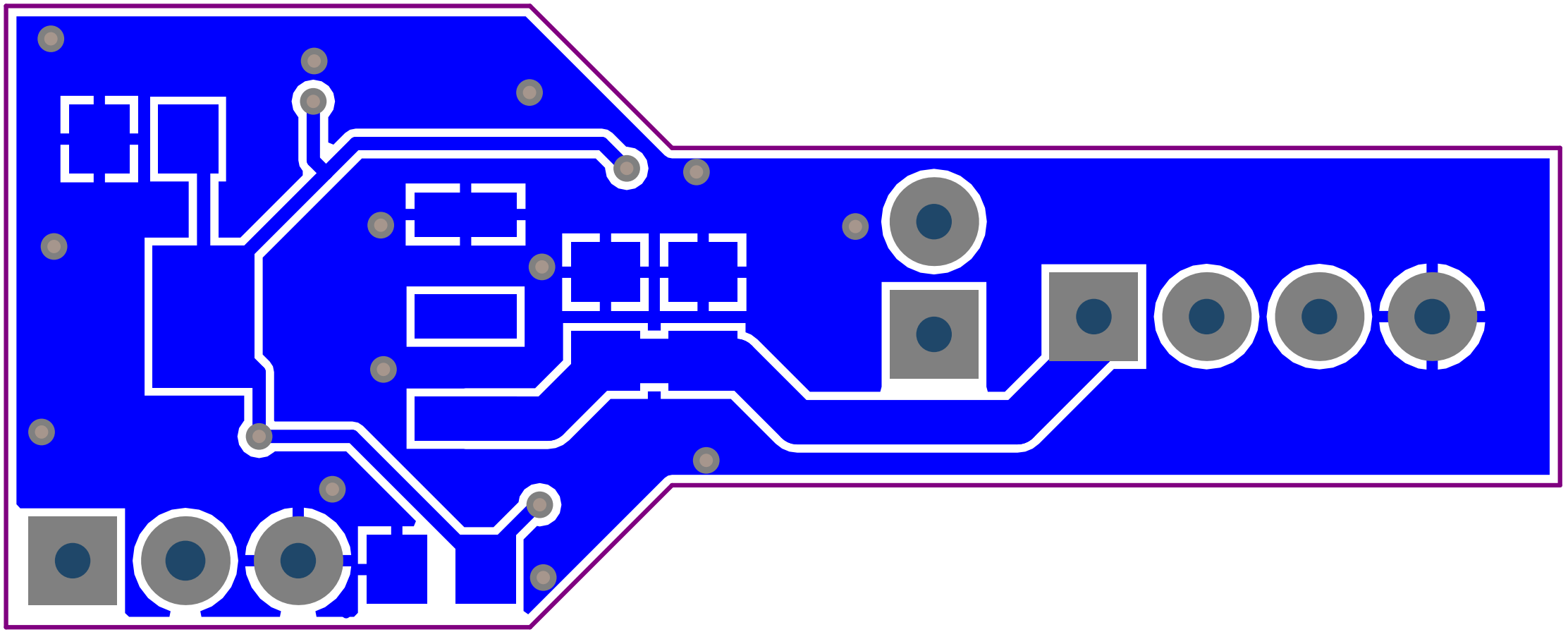





P1
P3
V.2.1


GND - + VCC
Oystein - 2013





Designator	PartType	Description	Quantity
C1, C11	10u	CAP 1uF 10V ±10% 0805 (2012 Metric) Thickness 1mm SMD	2
C2	22u	CAP 1uF 10V ±10% 0805 (2012 Metric) Thickness 1mm SMD	1
C3, C4, C5	100n	CAP 1uF 10V ±10% 0805 (2012 Metric) Thickness 1mm SMD	3
P1	Header 4	Header, 4-Pin	1
P2	Header 3	Header, 3-Pin	1
P3	Header 2	Header, 2-Pin	1
R1	120R 5% 0805(2012)	120R 0.125W 5% 0805 (2012 Metric) SMD	1
R2	10k	120R 0.125W 5% 0805 (2012 Metric) SMD	1
U1	SP3485		1
U2	ATxmega64A4U-MH	8/16-bit AVR XMEGA A4U Microcontroller, 1.6-3.6V, 32MHz, 64K + 4KB Flash, 2K EEPROM, 4K SRAM, 44-pin VQFN, Industrial Grade (-40°C to 85°C)	1
U3	AP1117		1