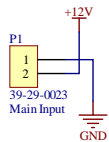
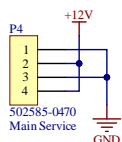


Vin (Min) = 10V
Vin (Max) = 17V
Iout (Max) = 10A
Leakage Current = 155uA when DISABLE -> High

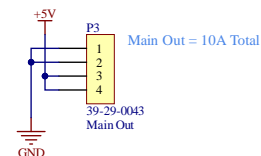
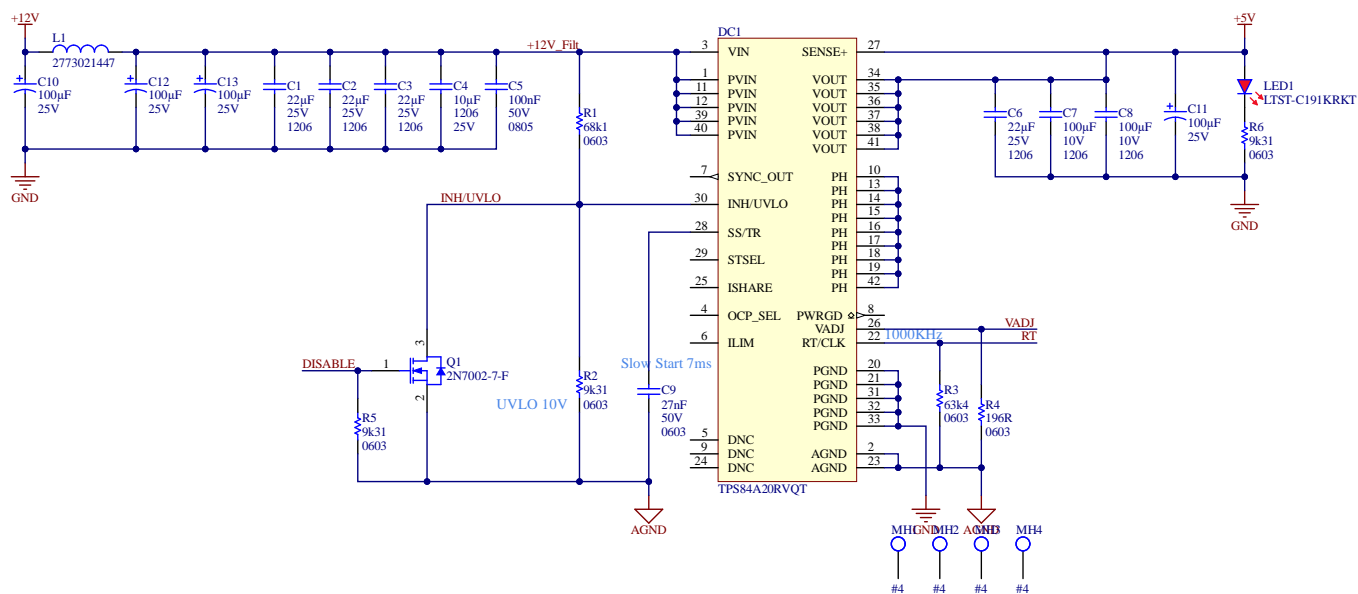
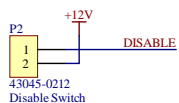
Max Input = 5A DC/DC + 4A Loop
9A Total
Recommend >=18 AWG



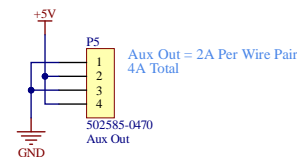
Input Loop = 2A Per Wire Pair
4A Total



Contact Closure
Disabled when closed
Operating Current 1.2mA

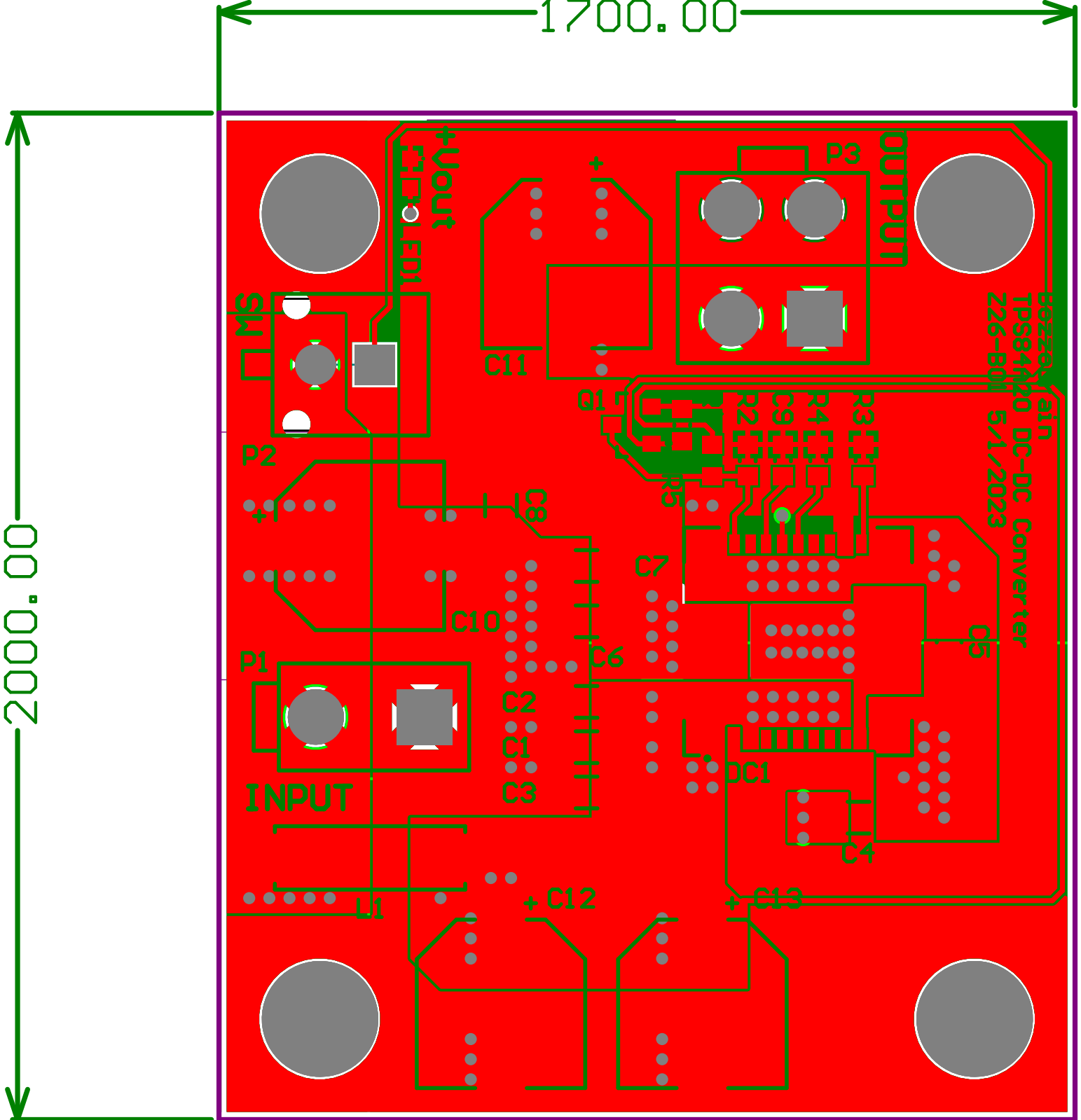


Main Out = 10A Total



Aux Out = 2A Per Wire Pair
4A Total

Title:	TPS84A20 DC-DC Converter		
Project:	Cornhole Score Board		
Print:	5/1/2023		
Drawn By:	Zachary Kilburn		
Part Number:	Z26		
Version:	0		
File:	Z26 - TPS84A20 DC-DC Converter.Sch	Size:	A - Letter
Sheet:	1	of	1



BOZORAIN
TPS84A20 DC-DC Converter
226-B01 5/1/2023

+Uout

OUTPUT

MS

P2

P1

INPUT

C11

C8

C10

C2

C1

C3

+ C12

C7

Q1

C6

DC1

C4

+ C13

R3

R4

C9

R2

R5