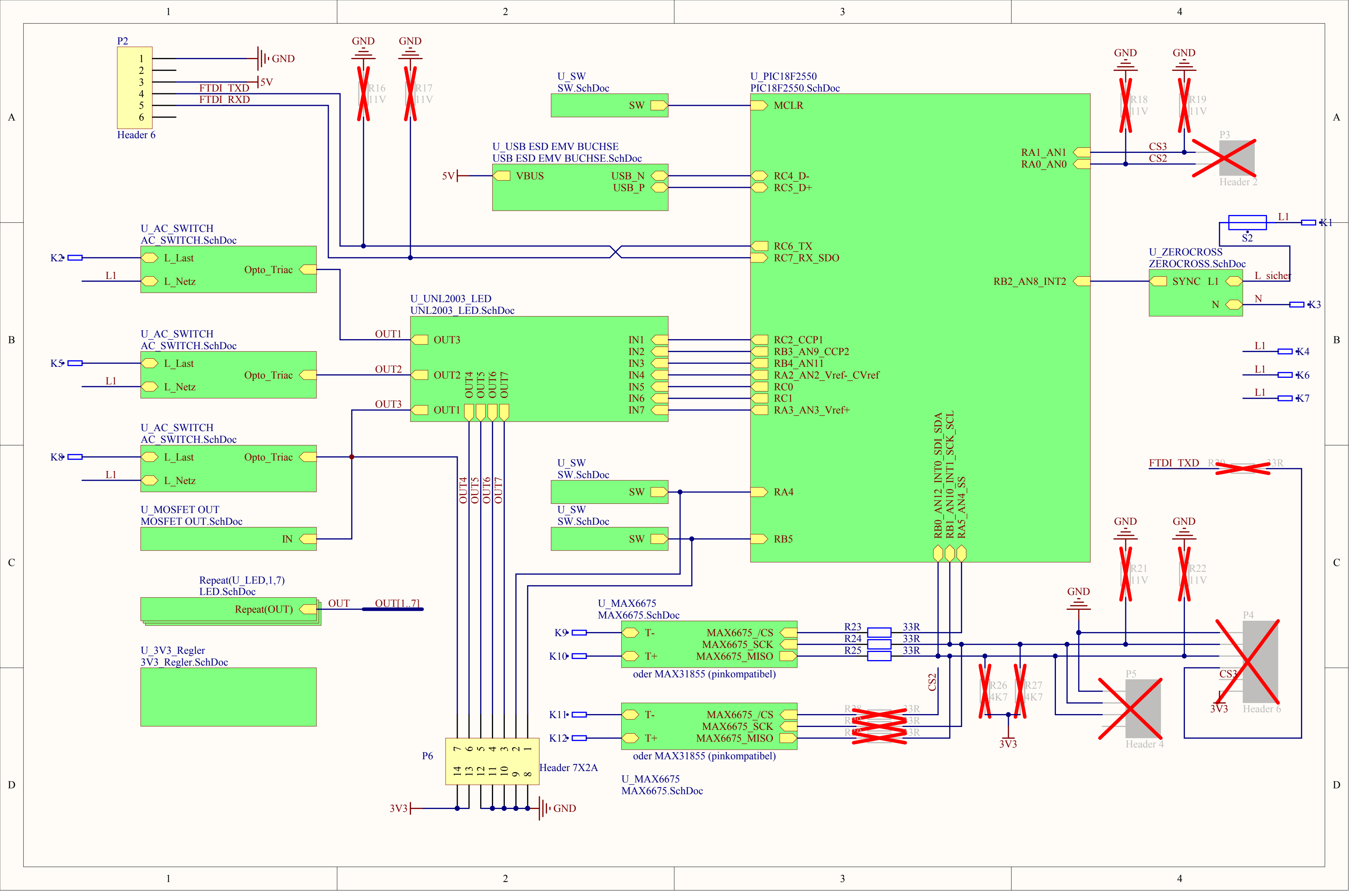




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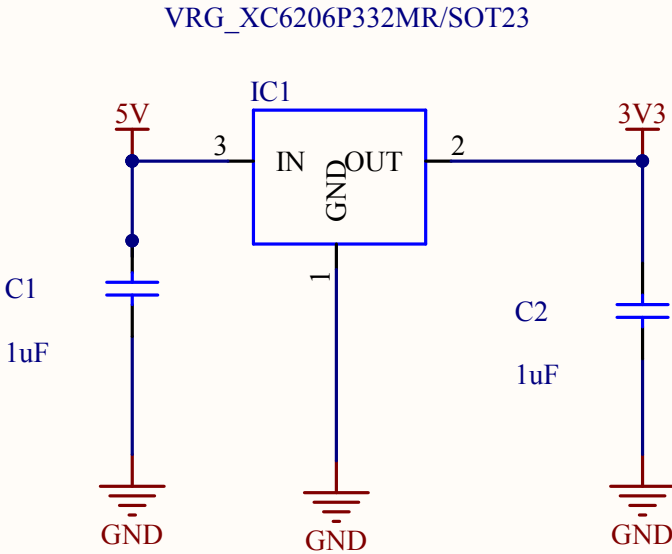
D

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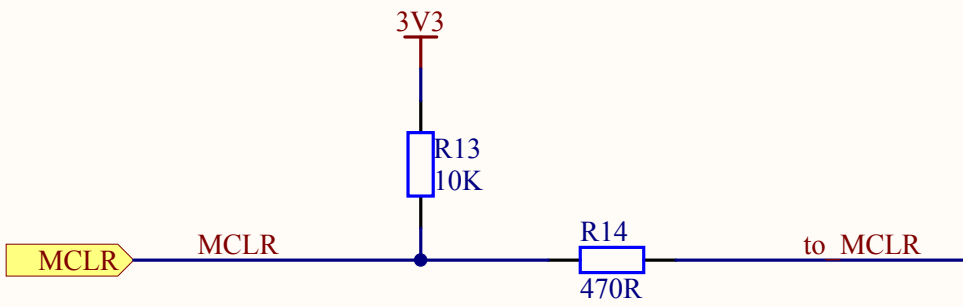
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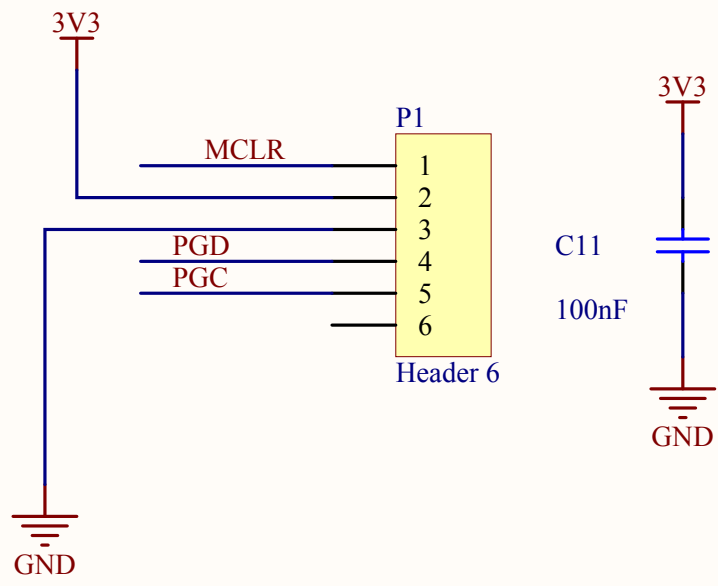


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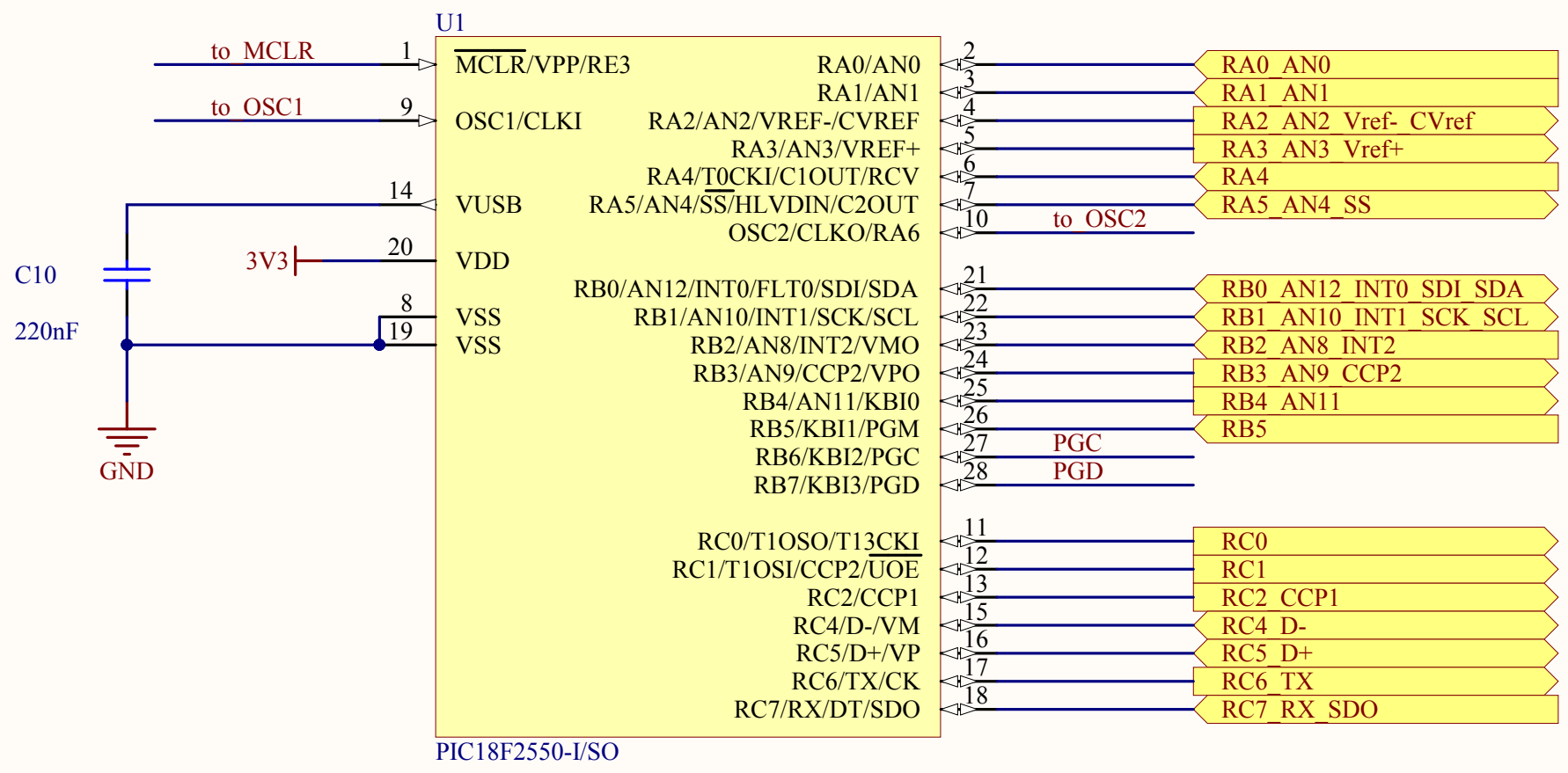
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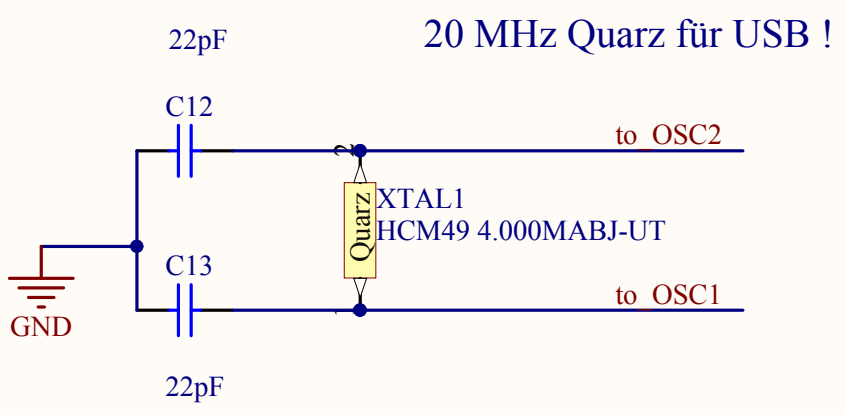
B

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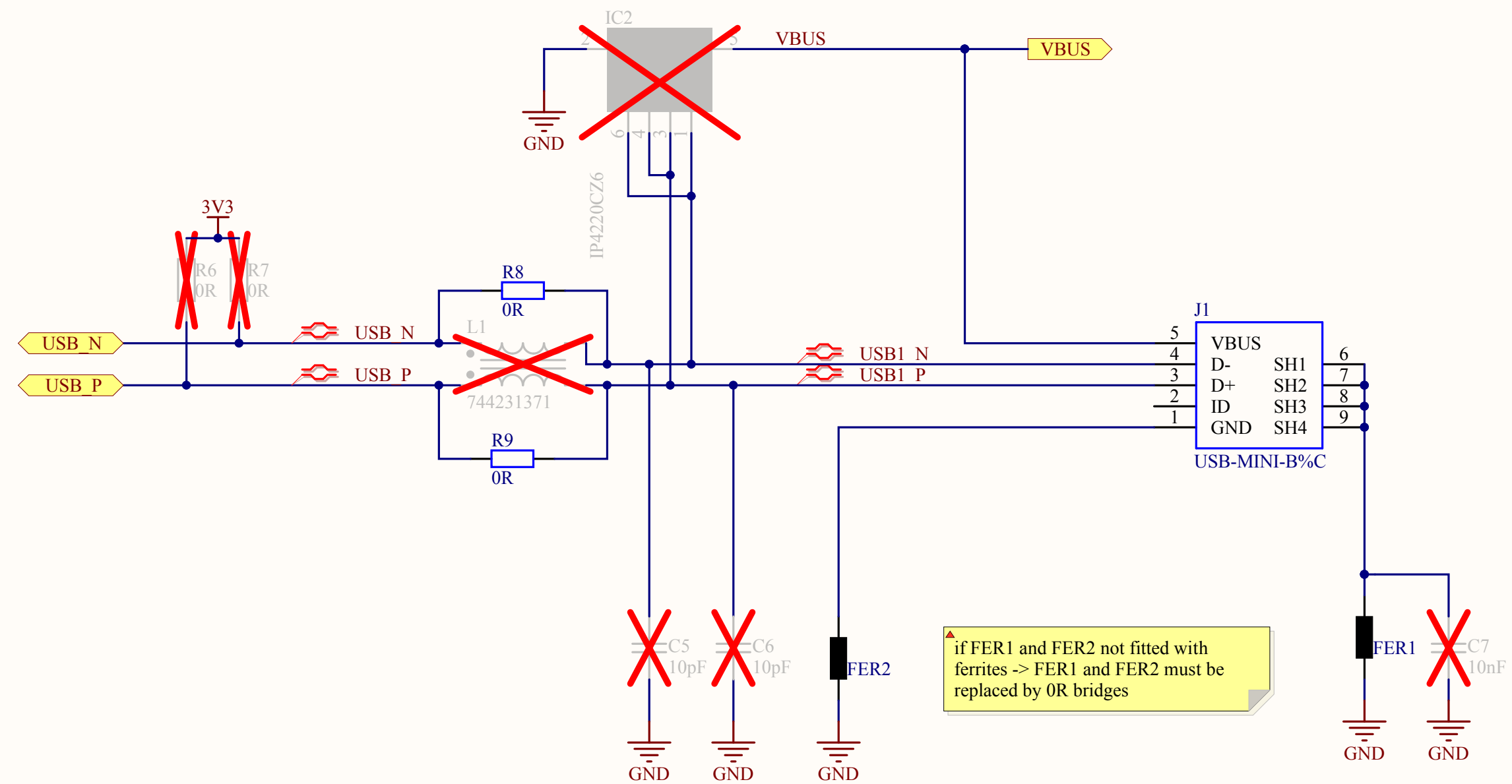


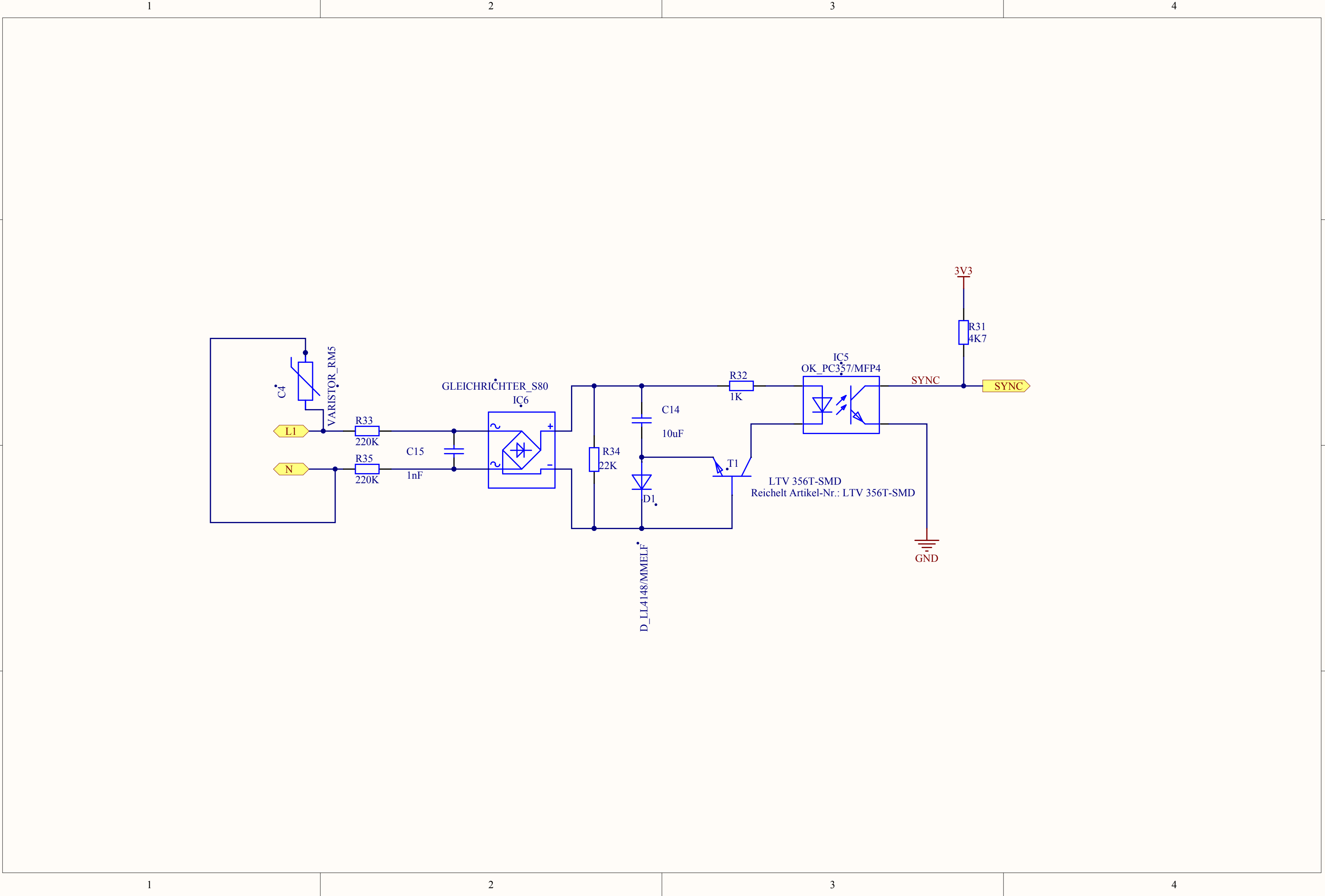
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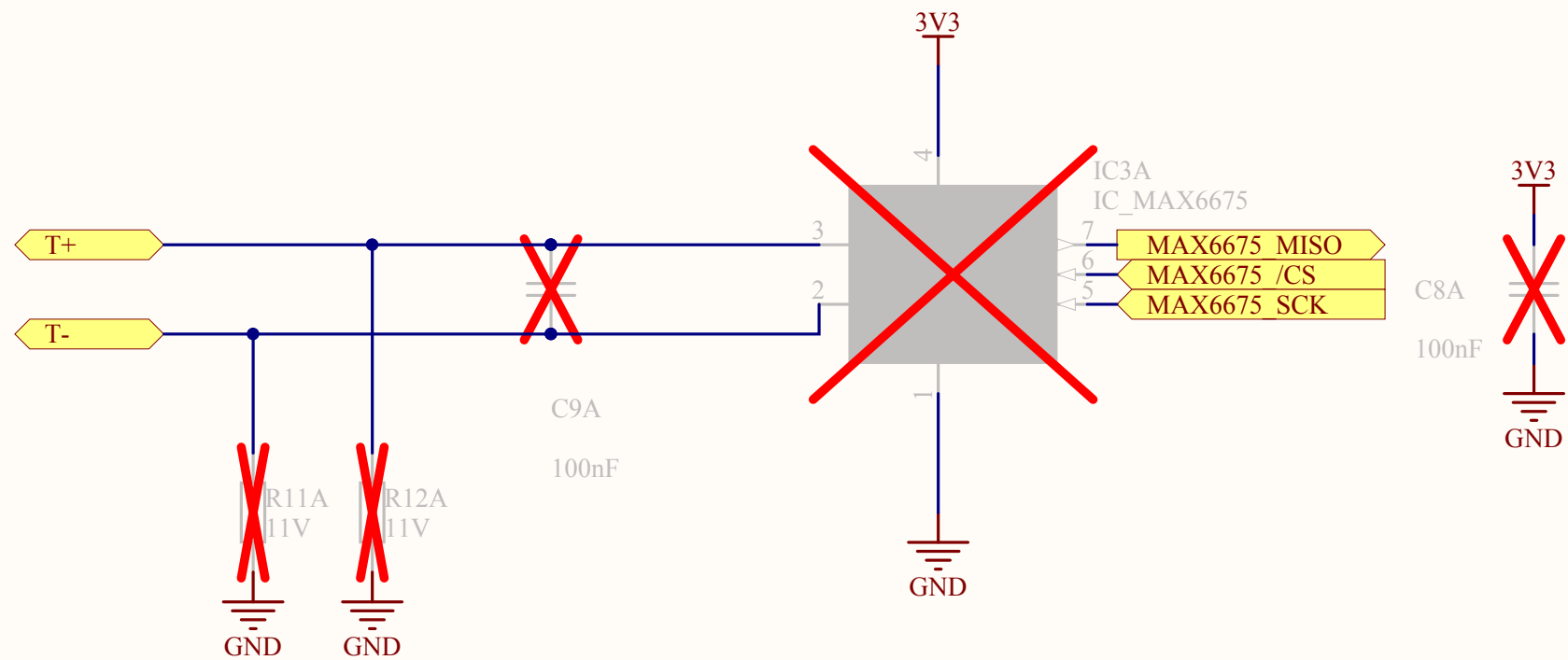
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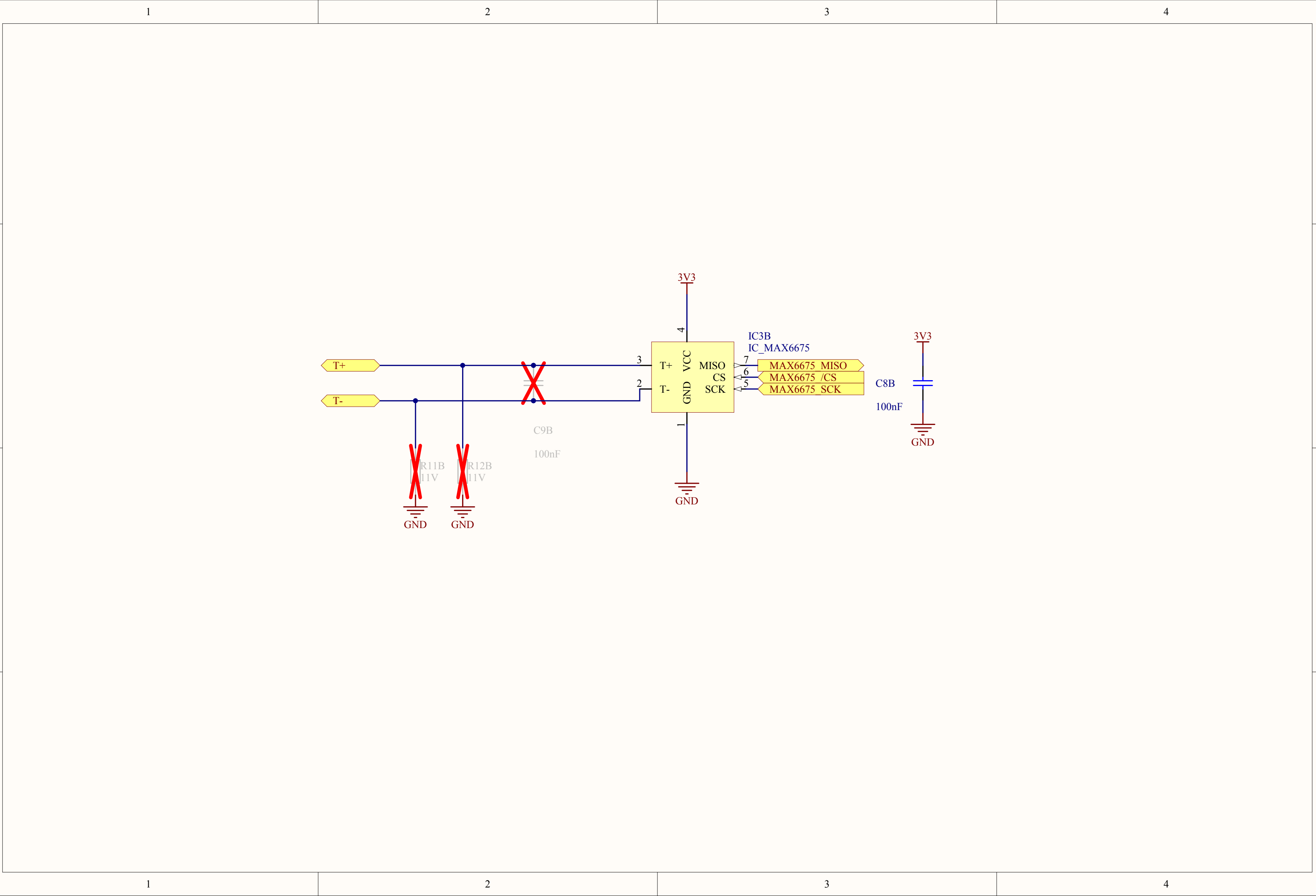
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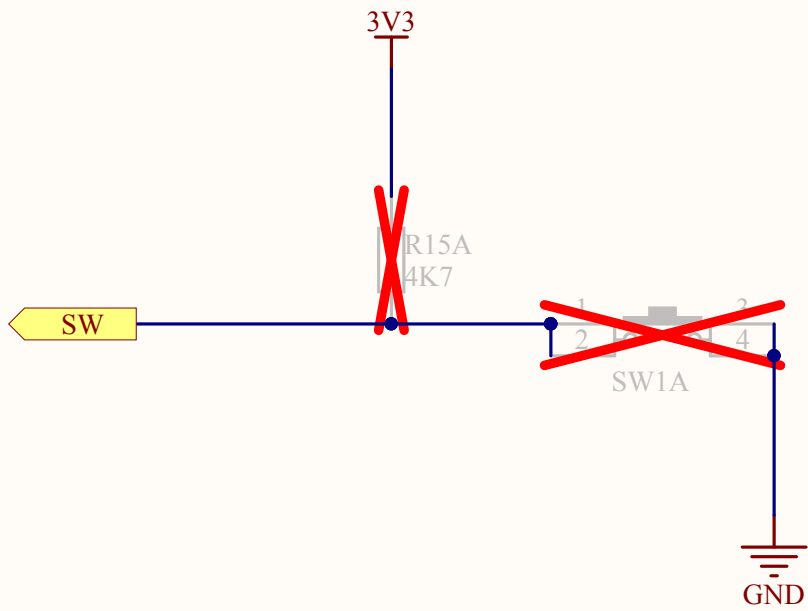
B

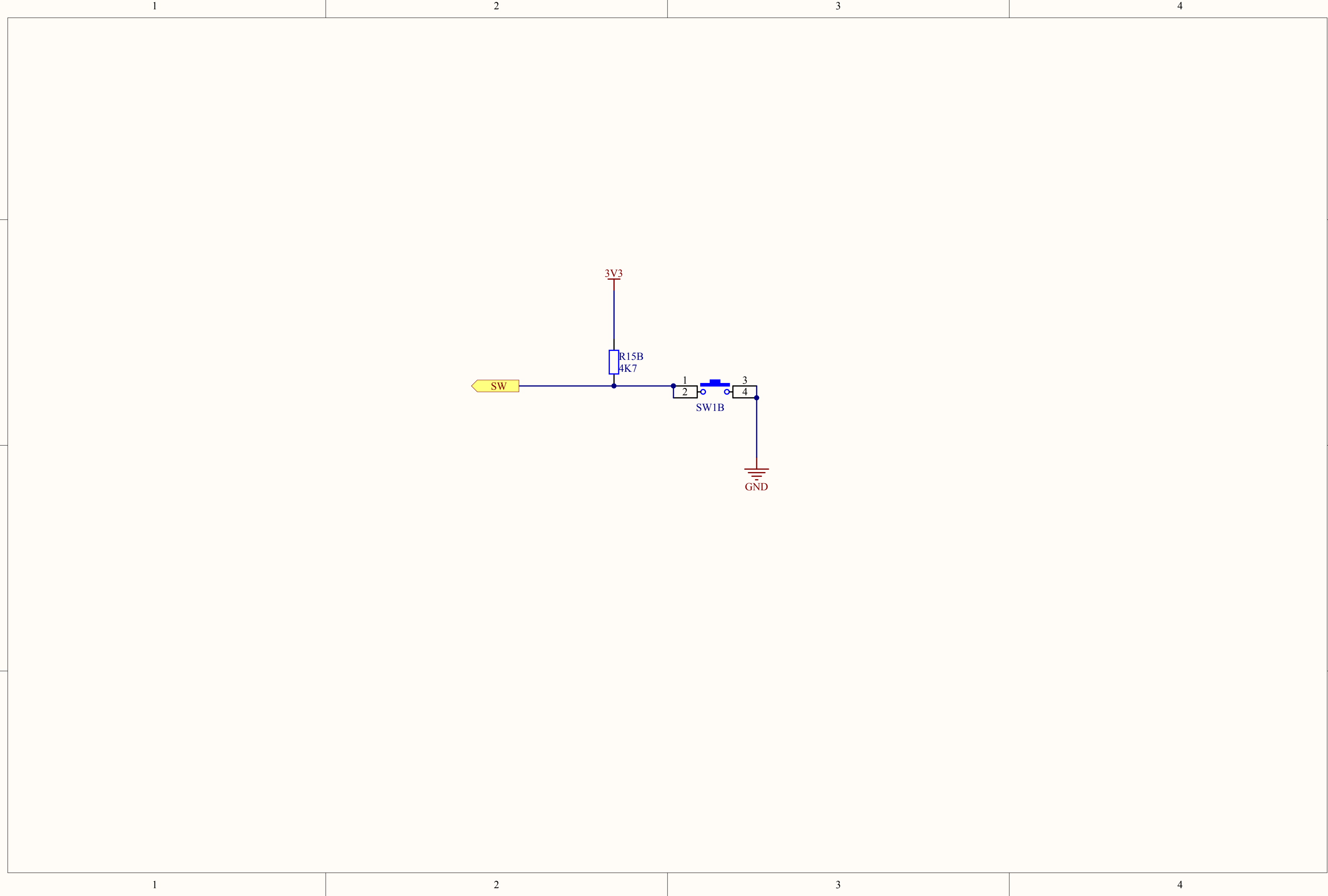
C

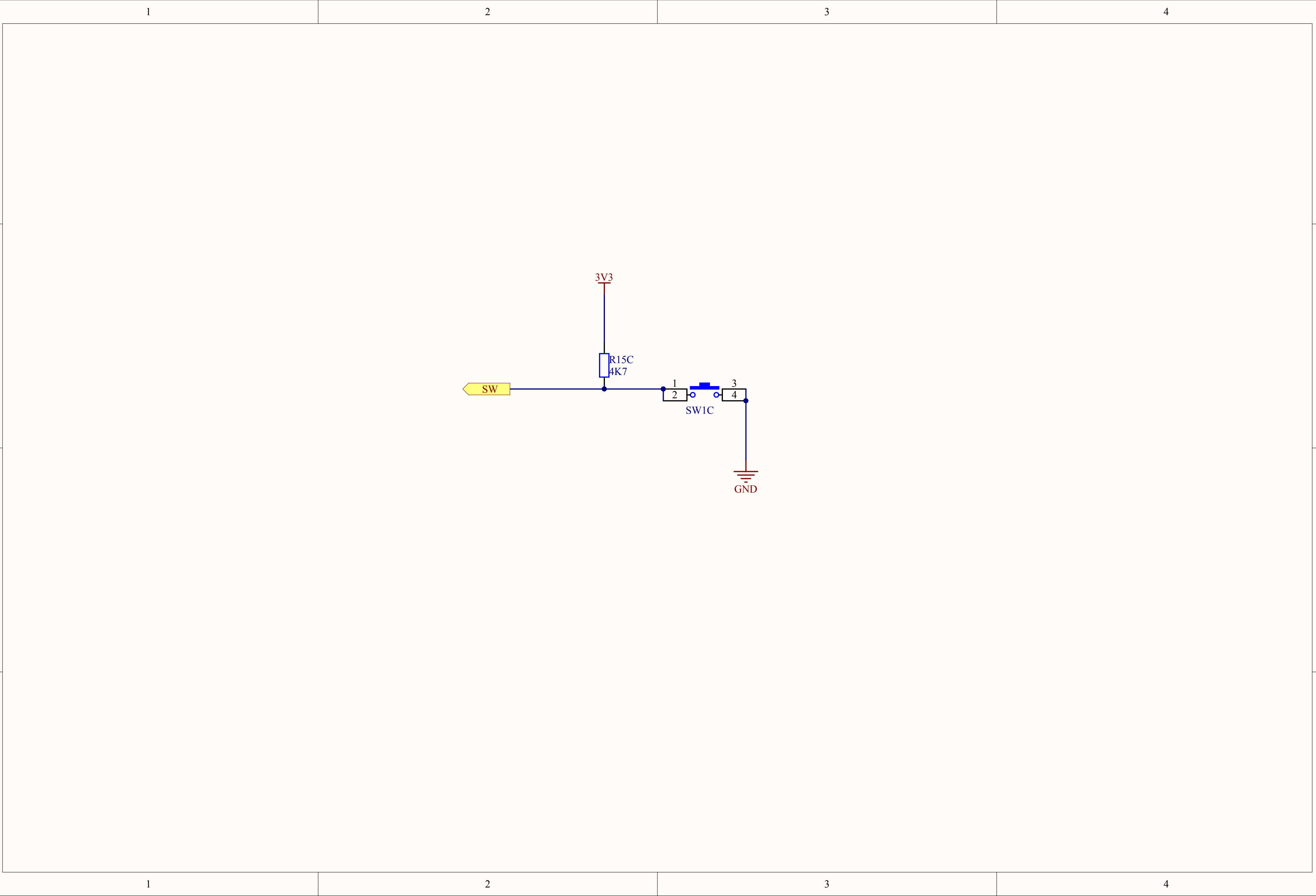
C

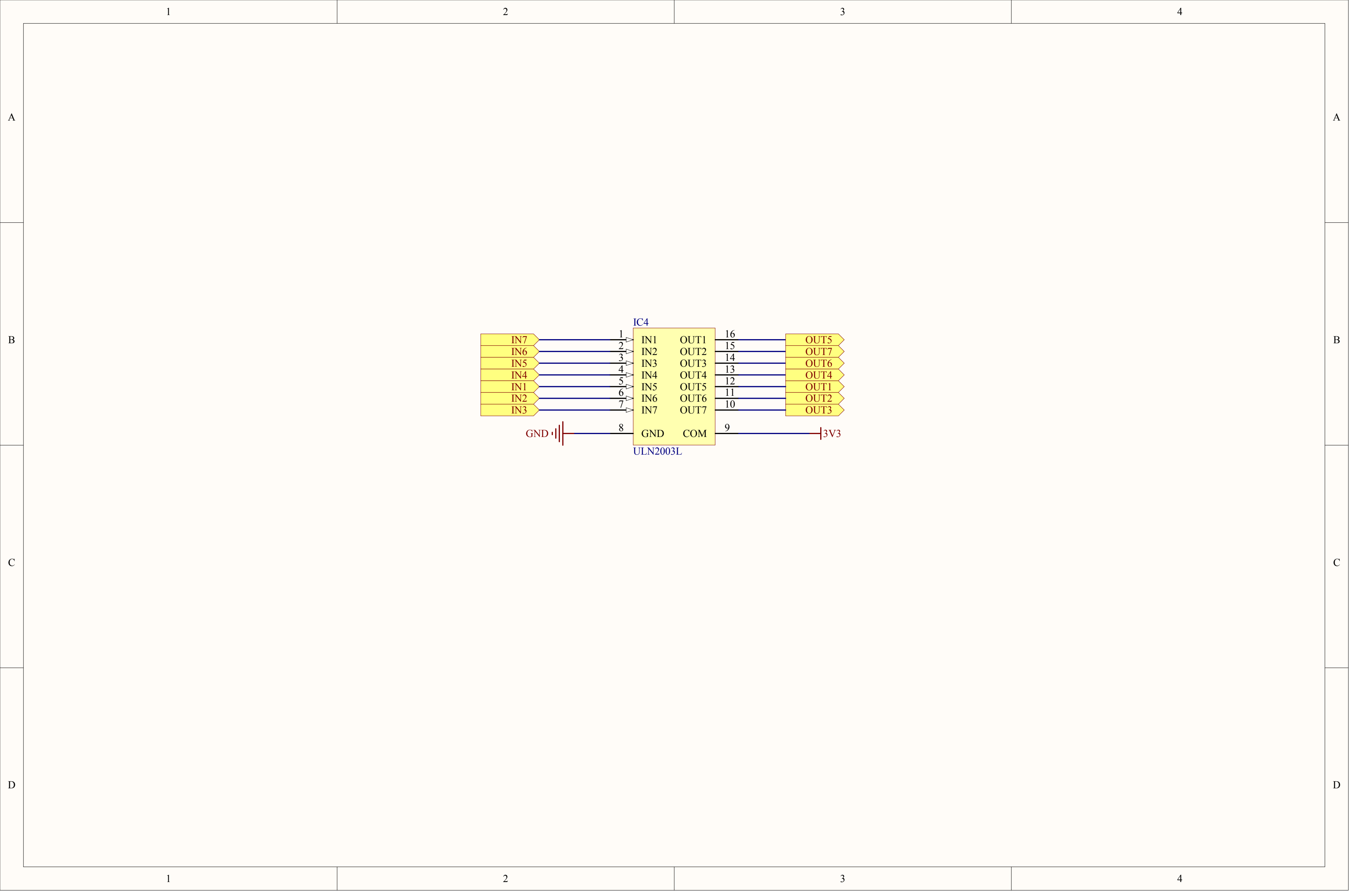
D

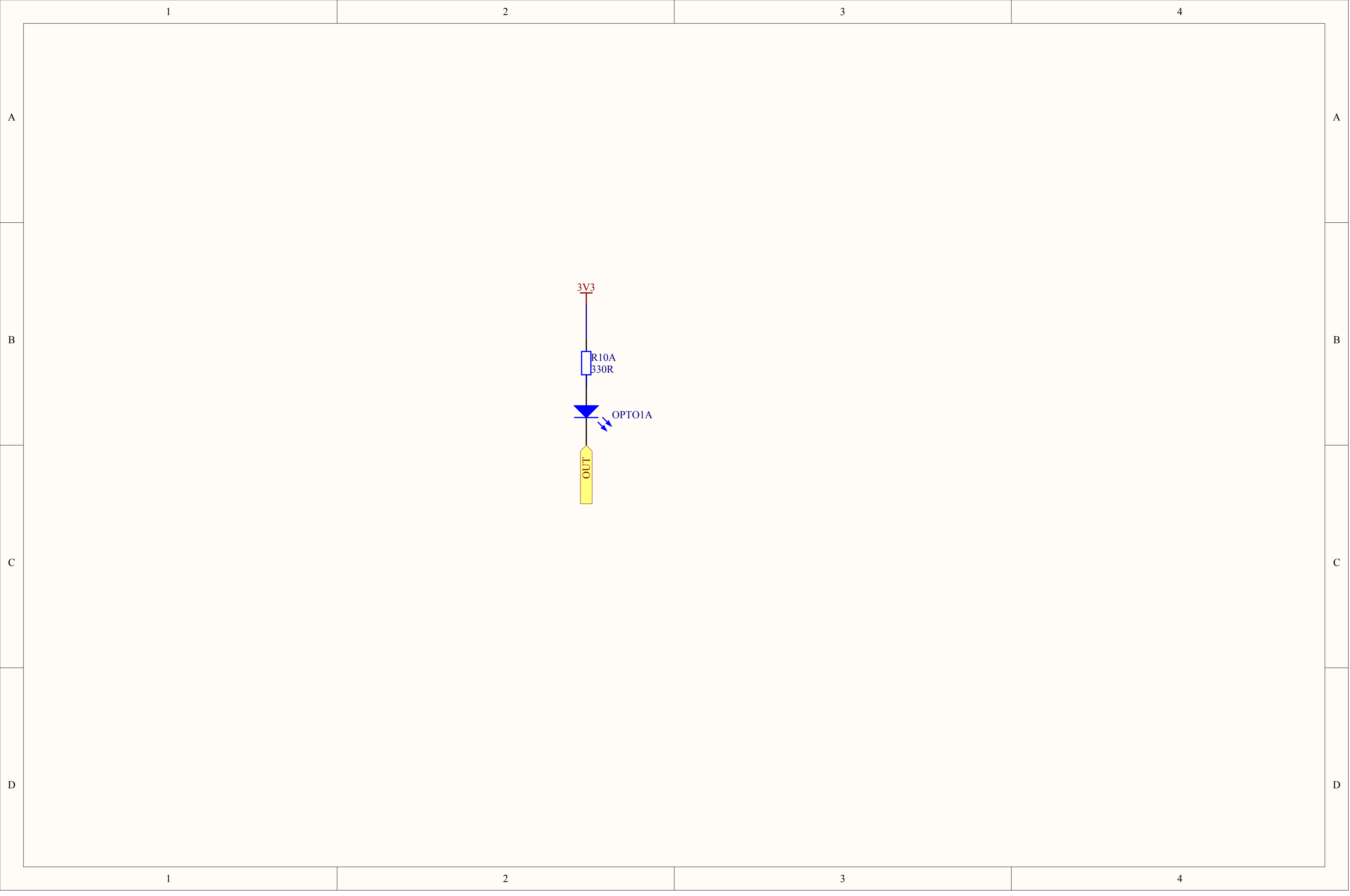
D

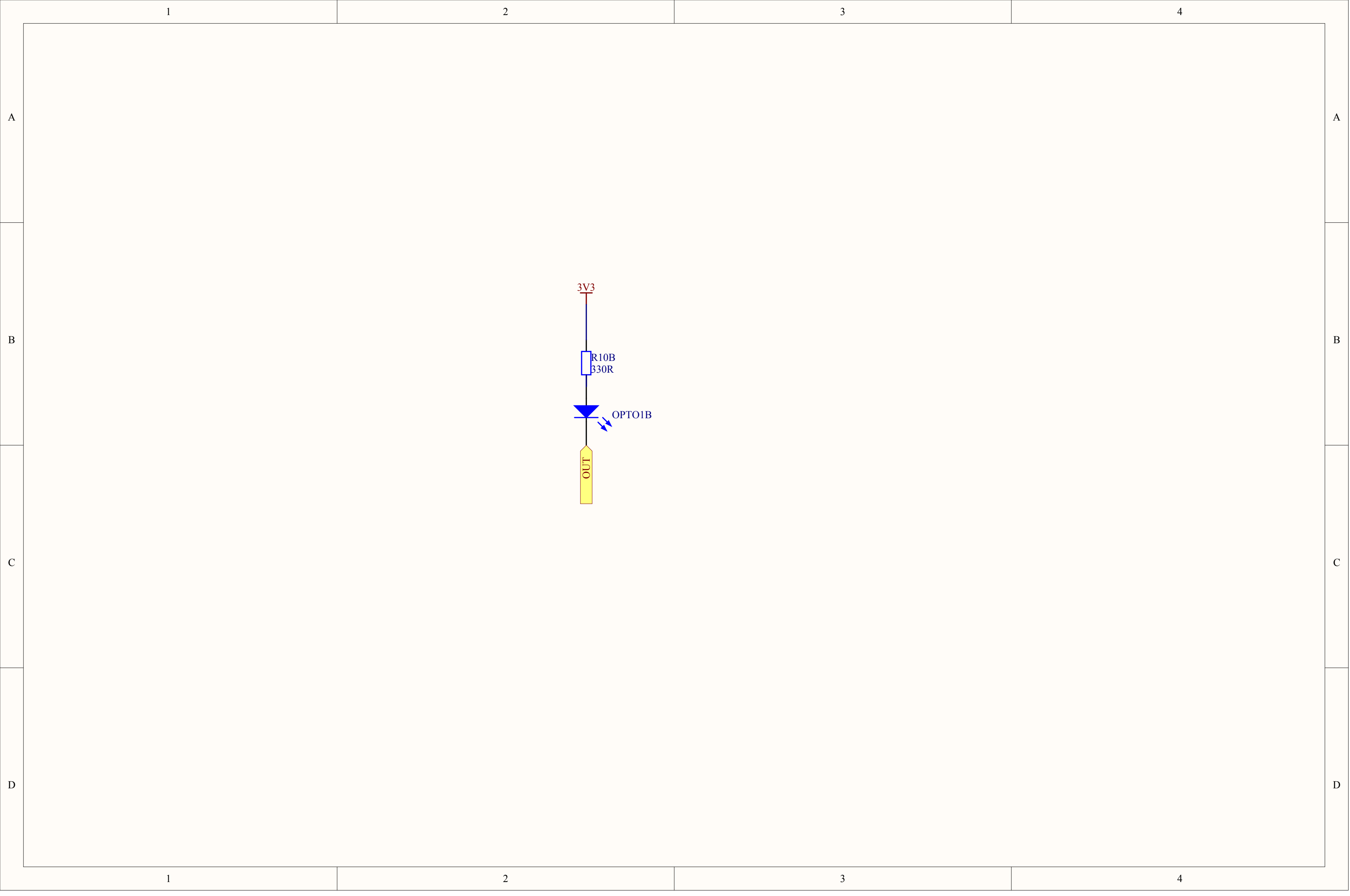


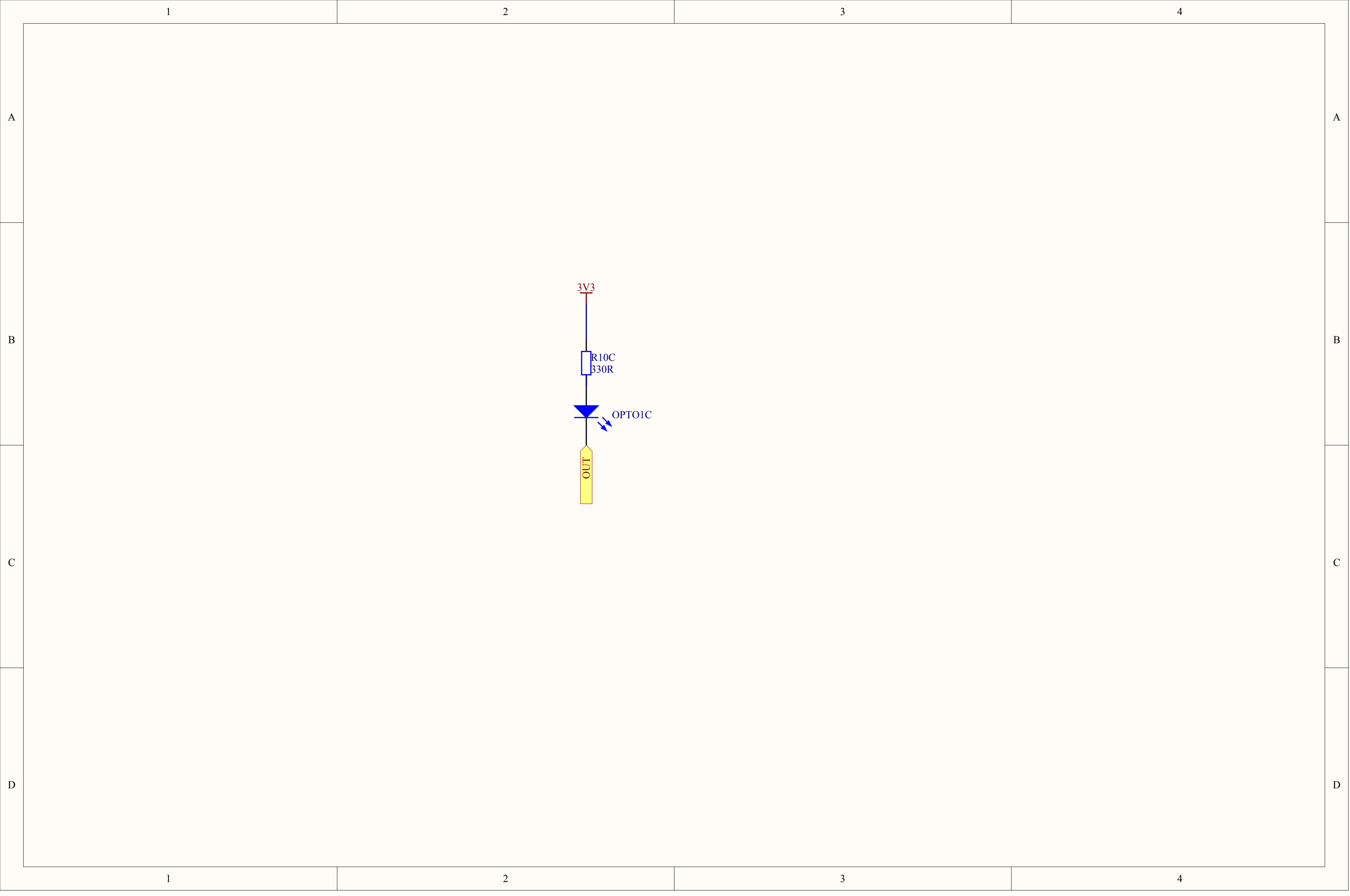


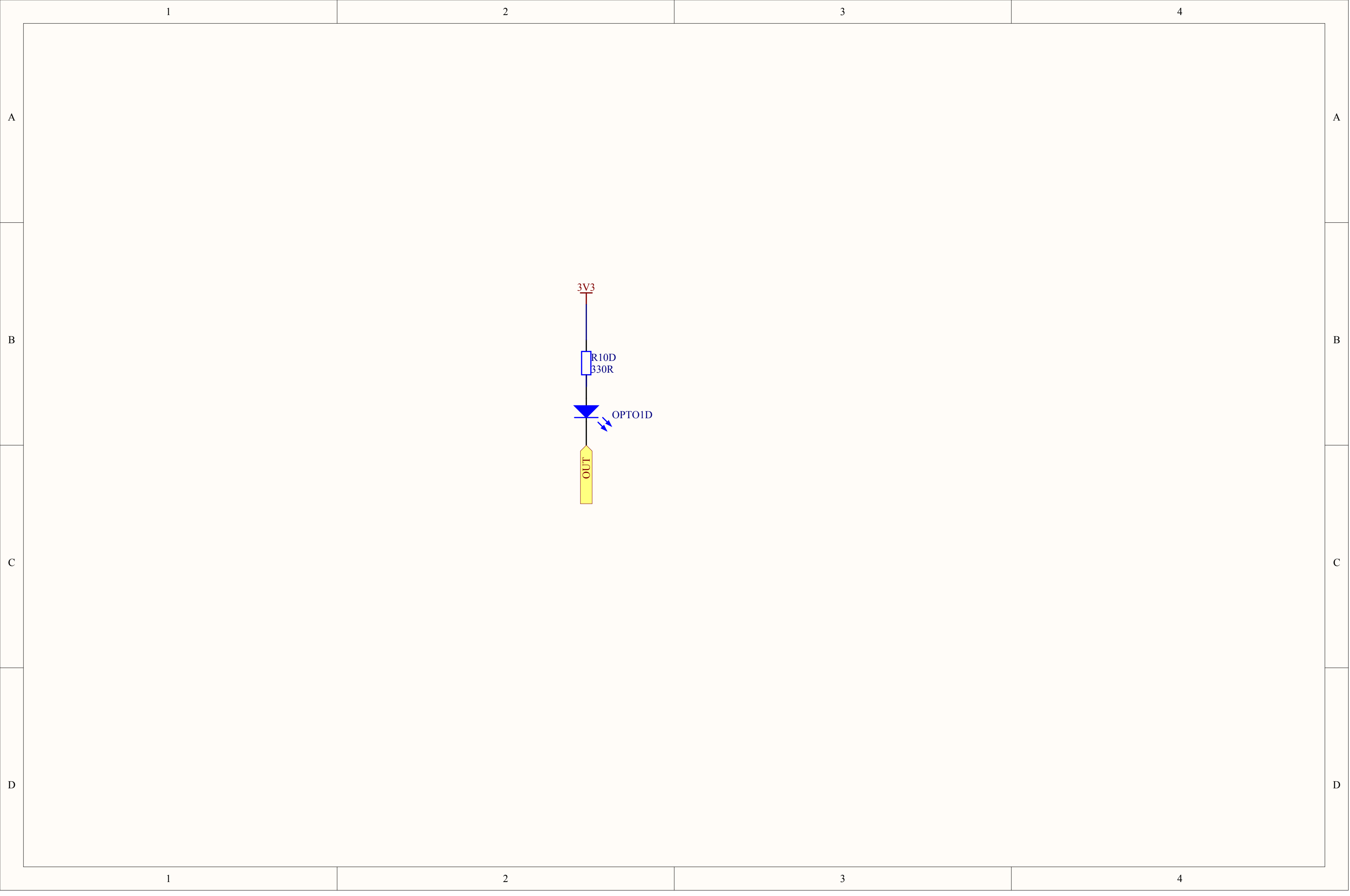


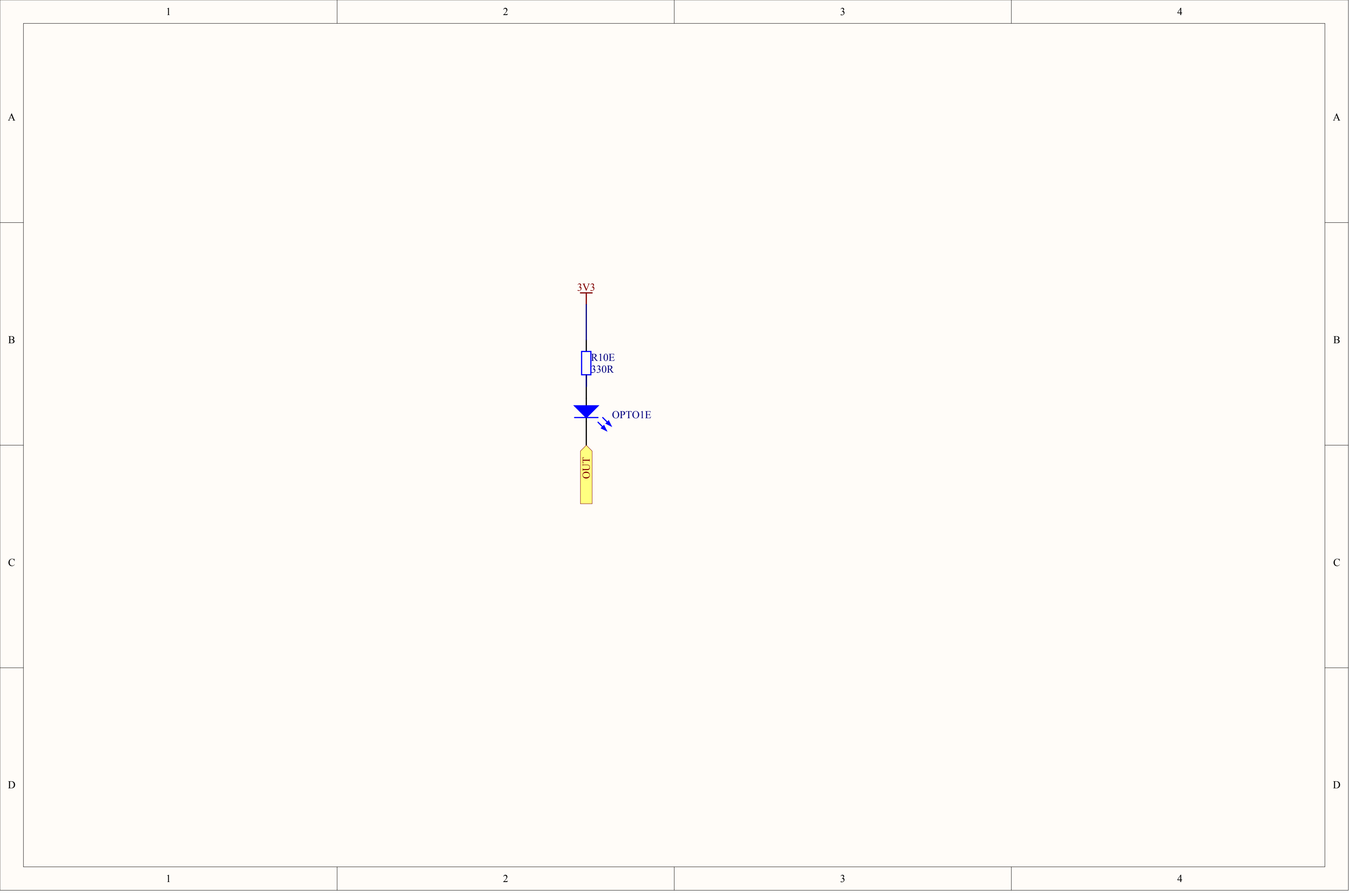


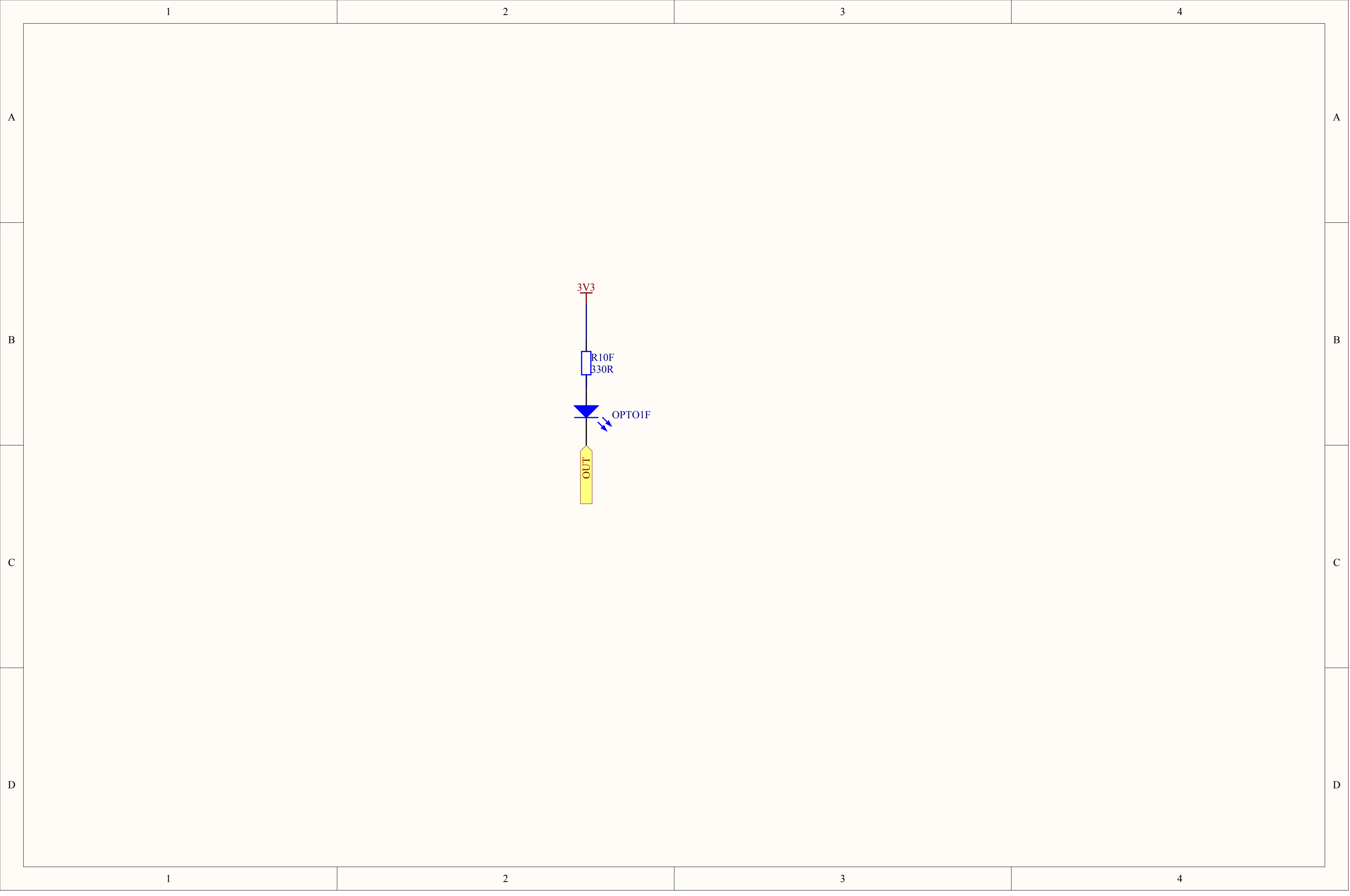


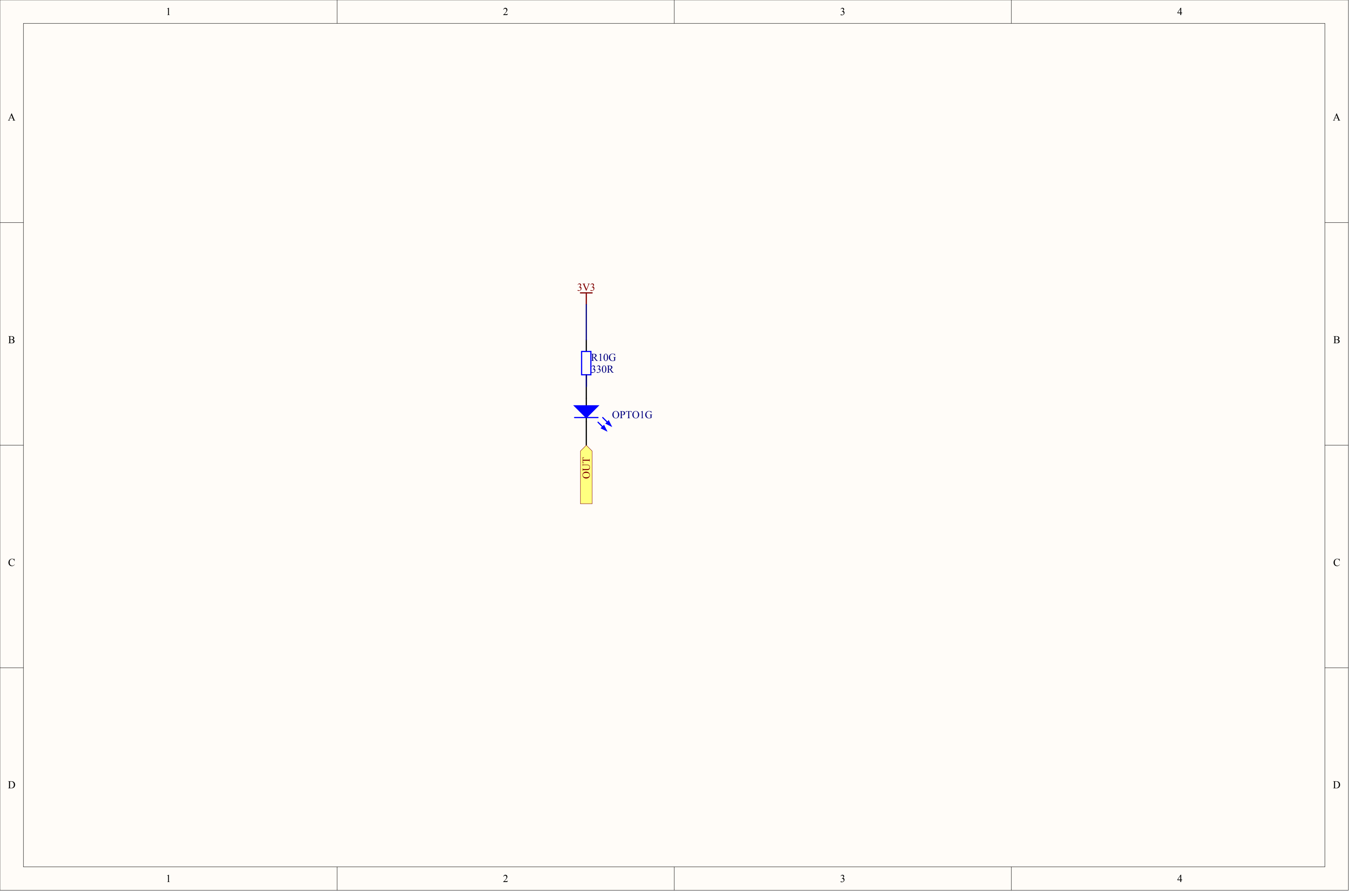




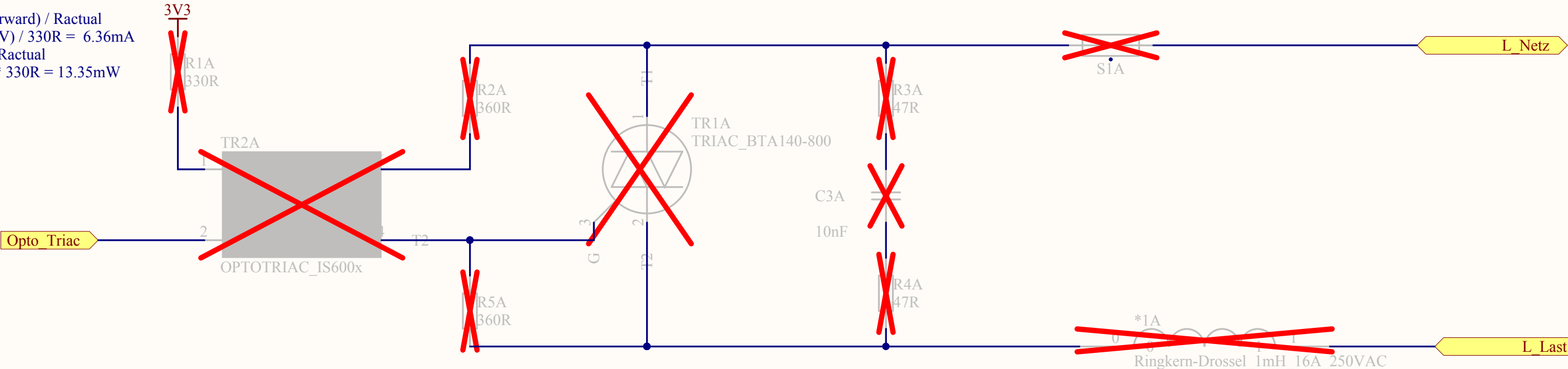








Vforward = 1.2 to 1.5 V
IfowardToTrigger IS6005 = 5 mA
Vdd = 3.3V
 $R = (Vdd - Vforward) / IfowardToTrigger$
 $R = (3.3V - 1.2V) / 0.005 A = 420R$
Ractual = 330R
 $Iactual = (Vdd - Vforward) / Ractual$
 $Iactual = (3.3V - 1.2V) / 330R = 6.36mA$
 $Pdiss = Iactual^2 * Ractual$
 $Pdiss = 6.36mA^2 * 330R = 13.35mW$

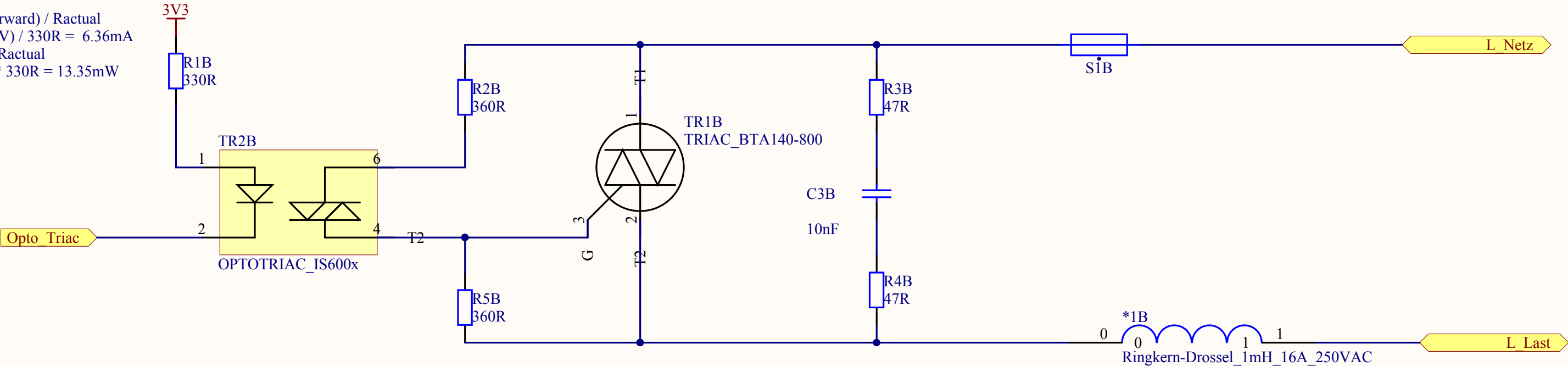


47R to 100R + 47nF to 100nF
e.g. 47R + 22nF

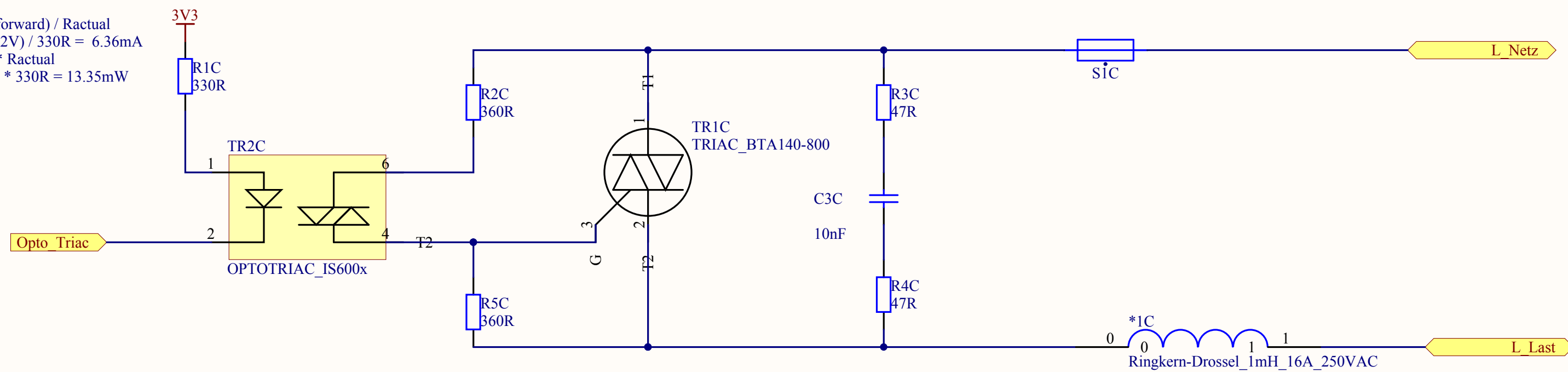
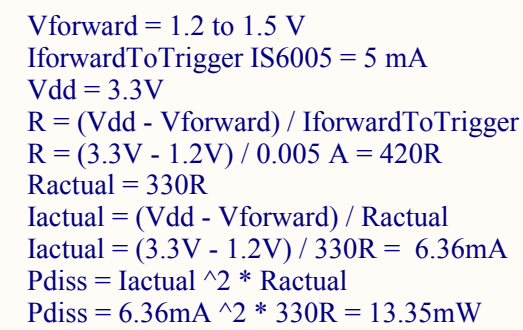
*1A
Ringkern-Drossel_1mH_16A_250VAC

Spule / Drossel 1,5 mH
Conrad: 534455-63

Vforward = 1.2 to 1.5 V
IfowardToTrigger IS6005 = 5 mA
Vdd = 3.3V
 $R = (Vdd - Vforward) / IfowardToTrigger$
 $R = (3.3V - 1.2V) / 0.005 A = 420R$
Ractual = 330R
 $Iactual = (Vdd - Vforward) / Ractual$
 $Iactual = (3.3V - 1.2V) / 330R = 6.36mA$
 $Pdiss = Iactual^2 * Ractual$
 $Pdiss = 6.36mA^2 * 330R = 13.35mW$



Spule / Drossel 1,5 mH
Conrad: 534455-63



Spule / Drossel 1,5 mH
Conrad: 534455-63

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