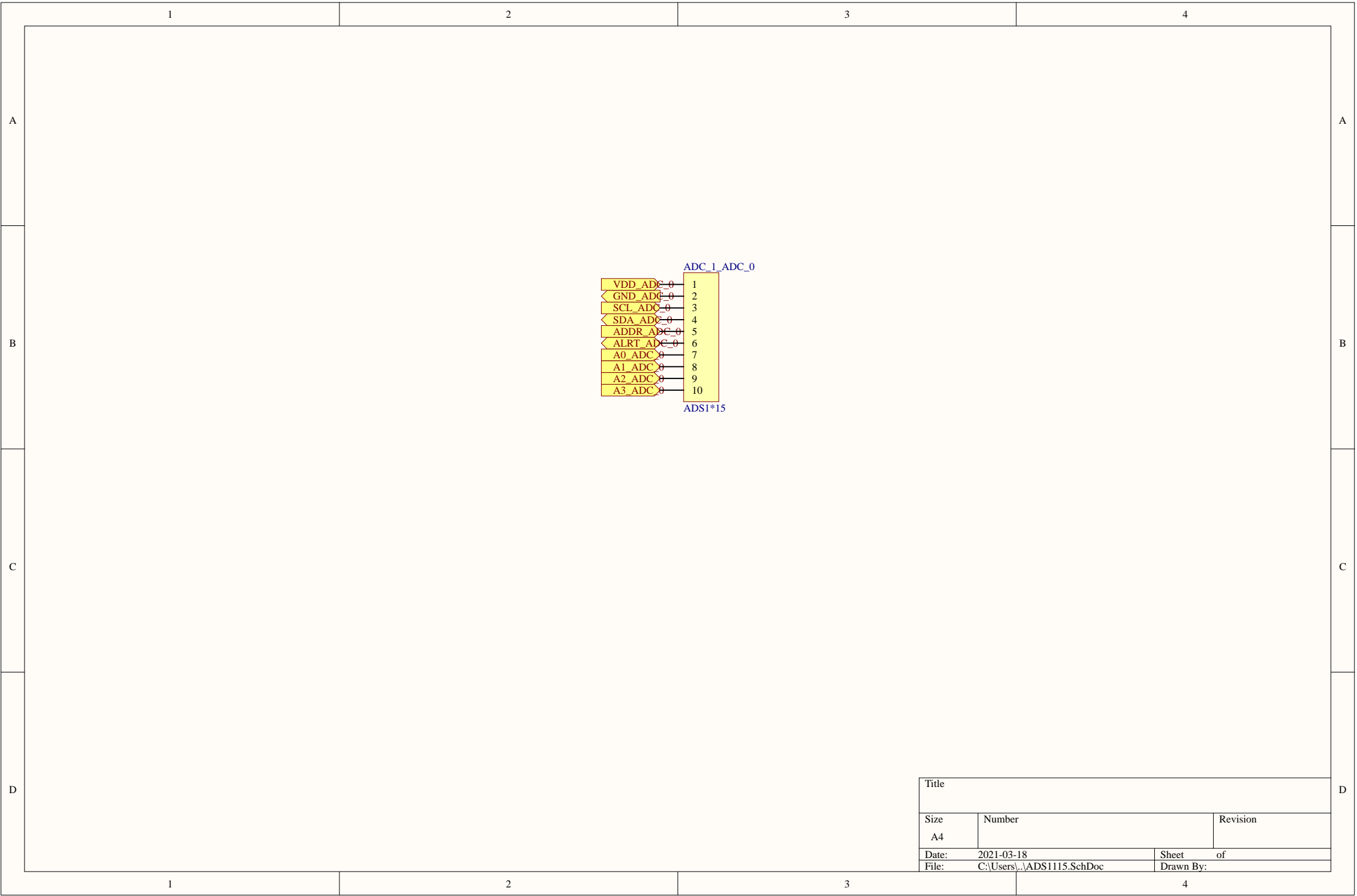
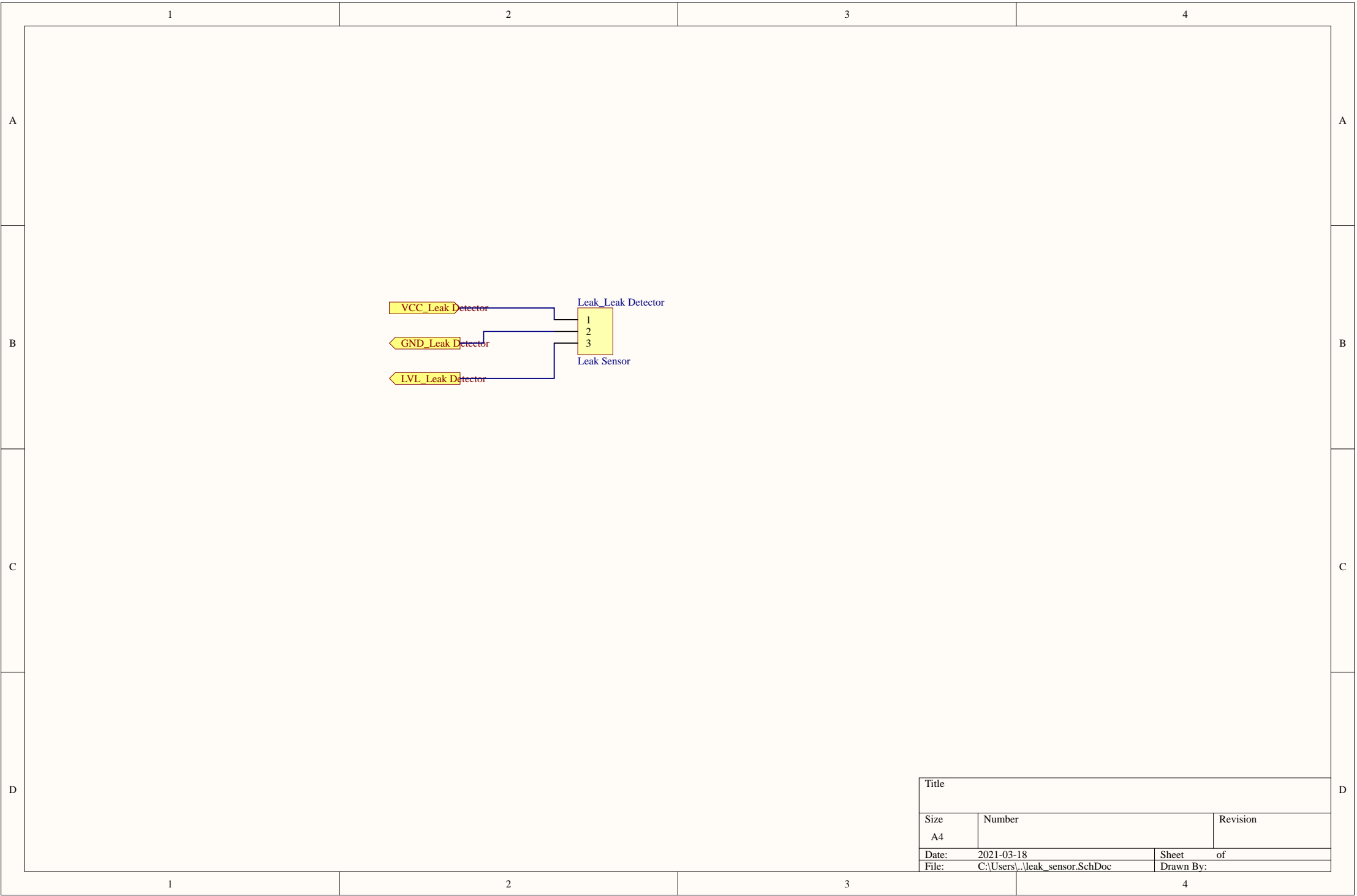
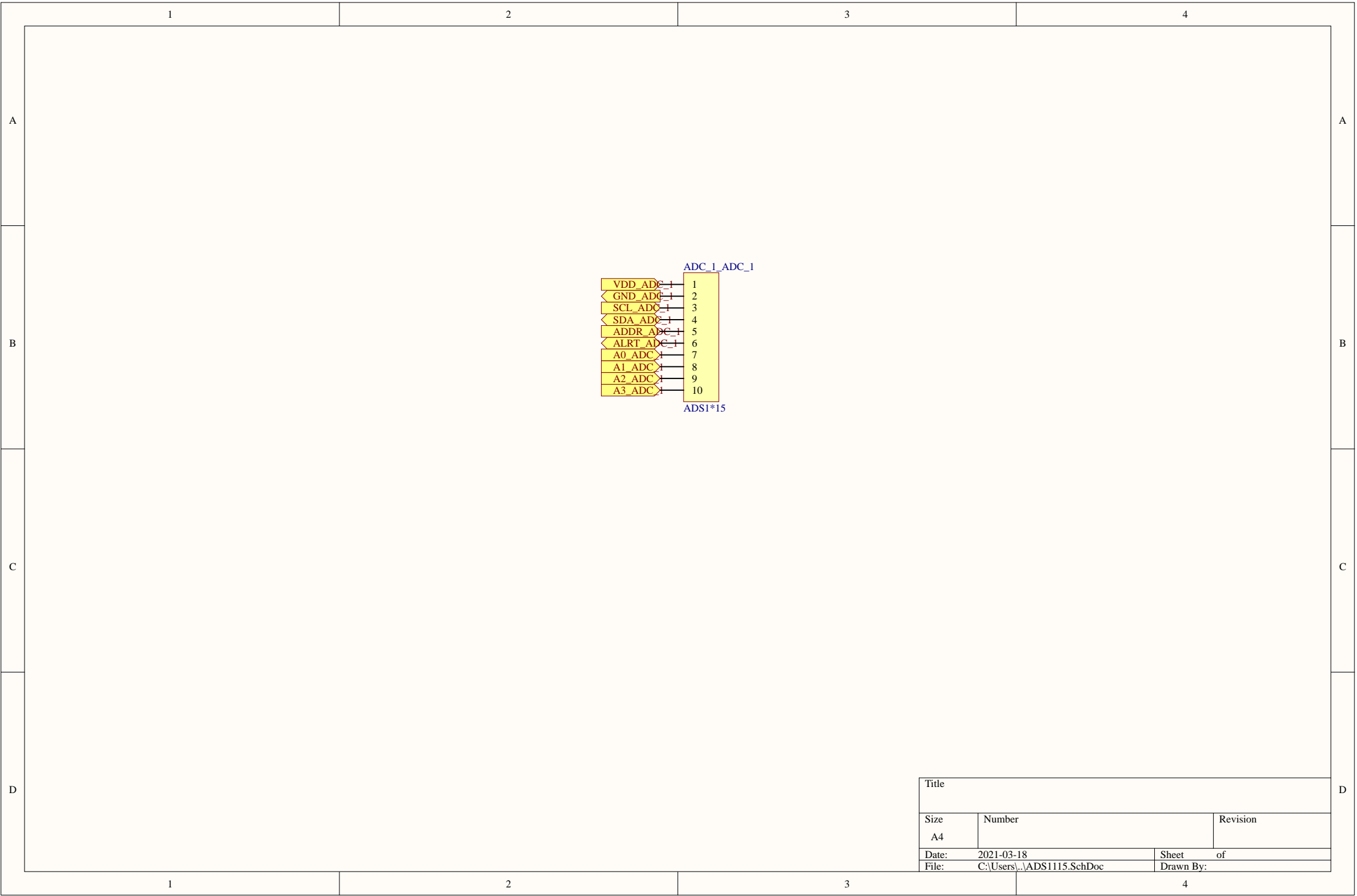


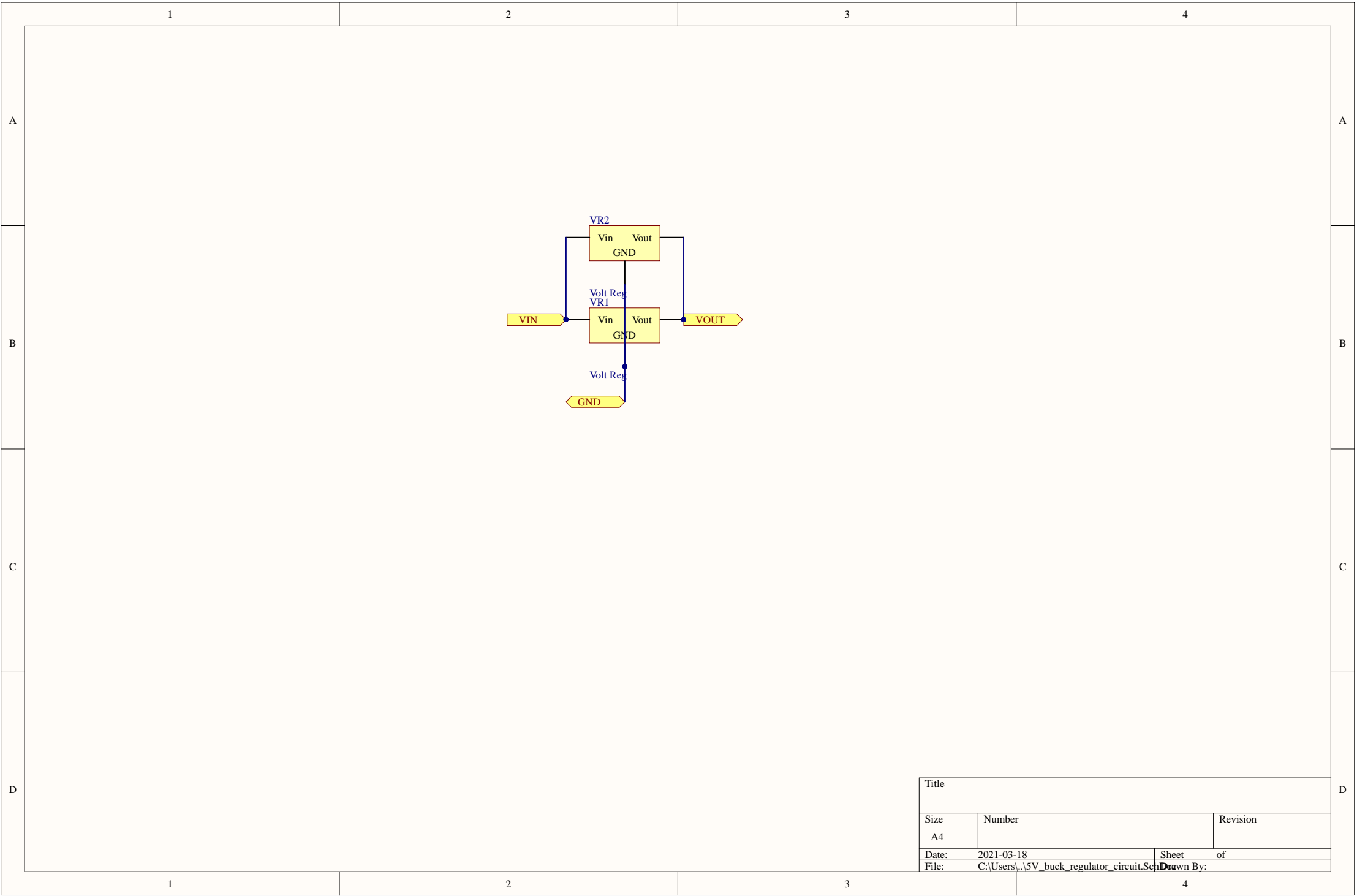
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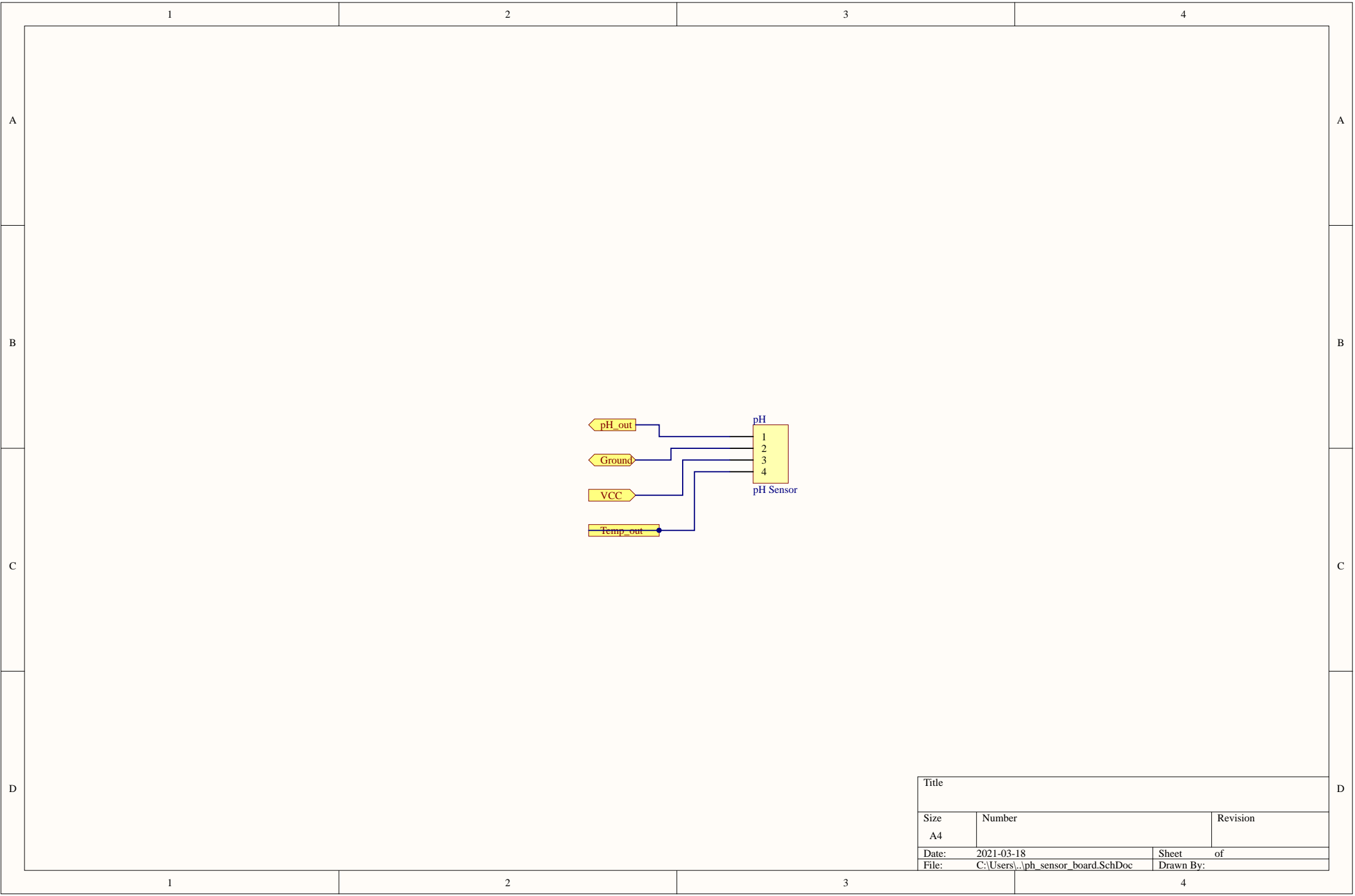


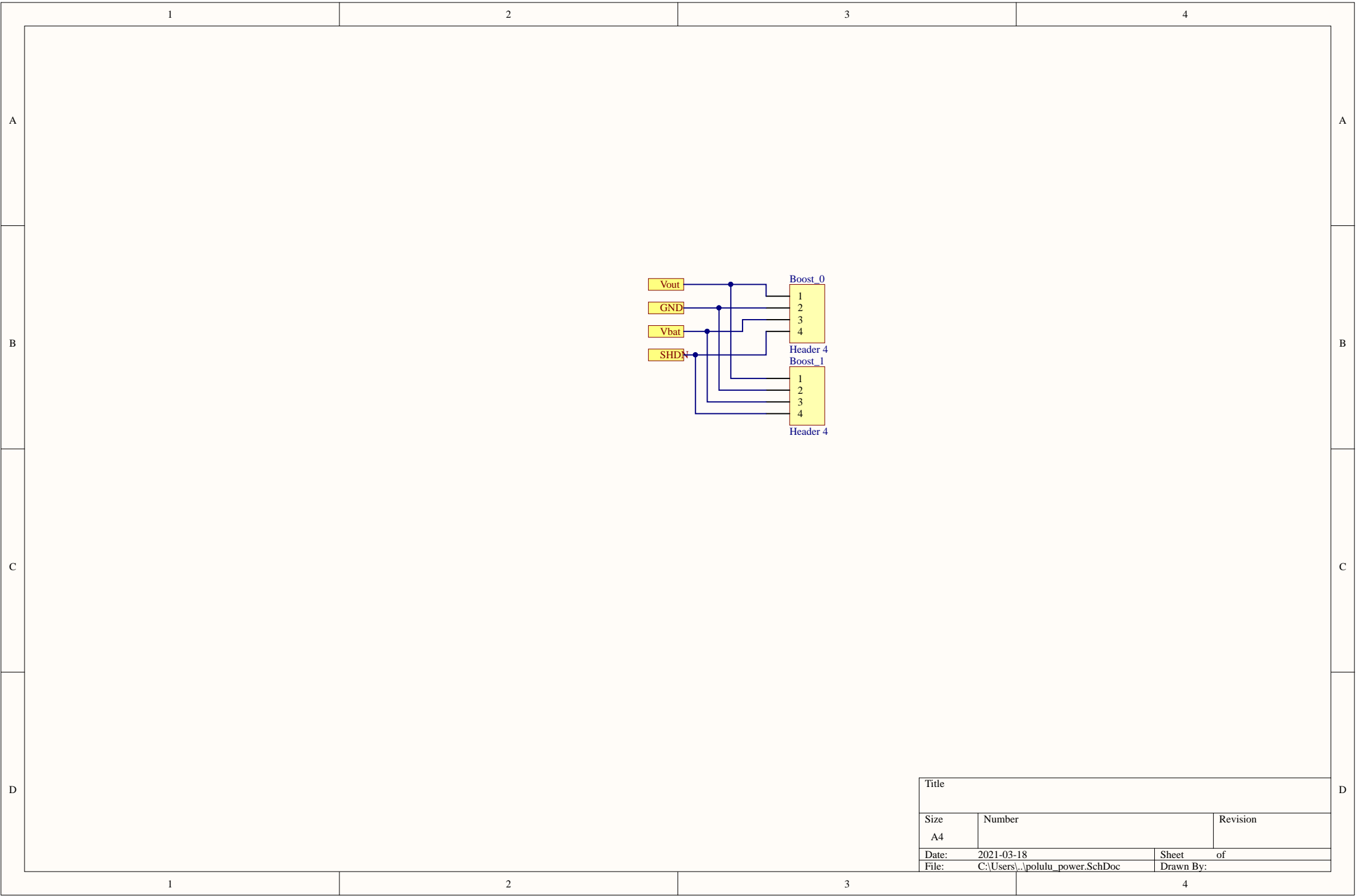




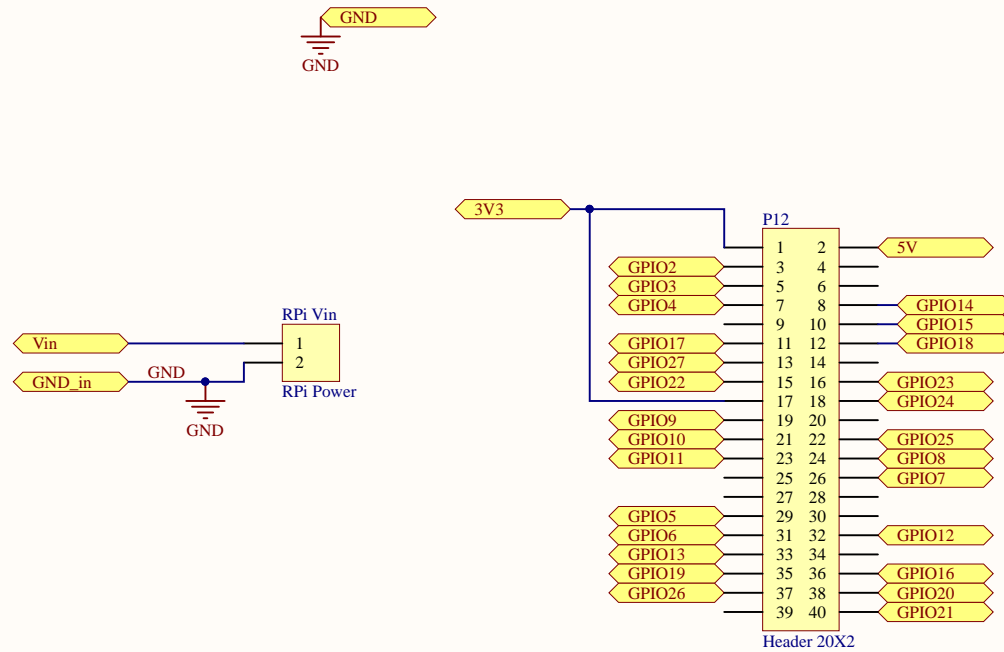
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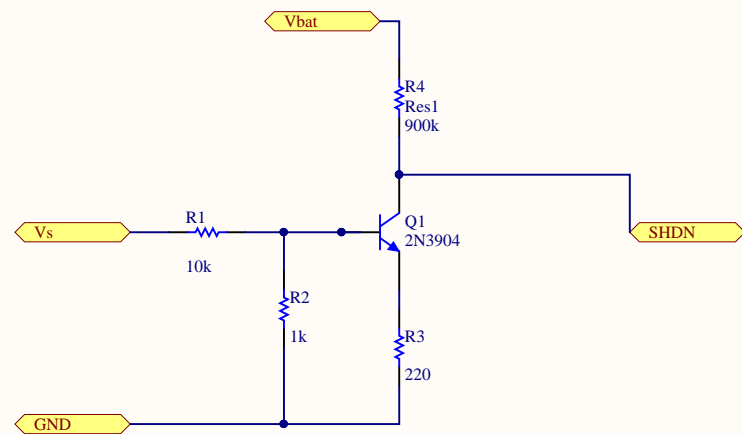




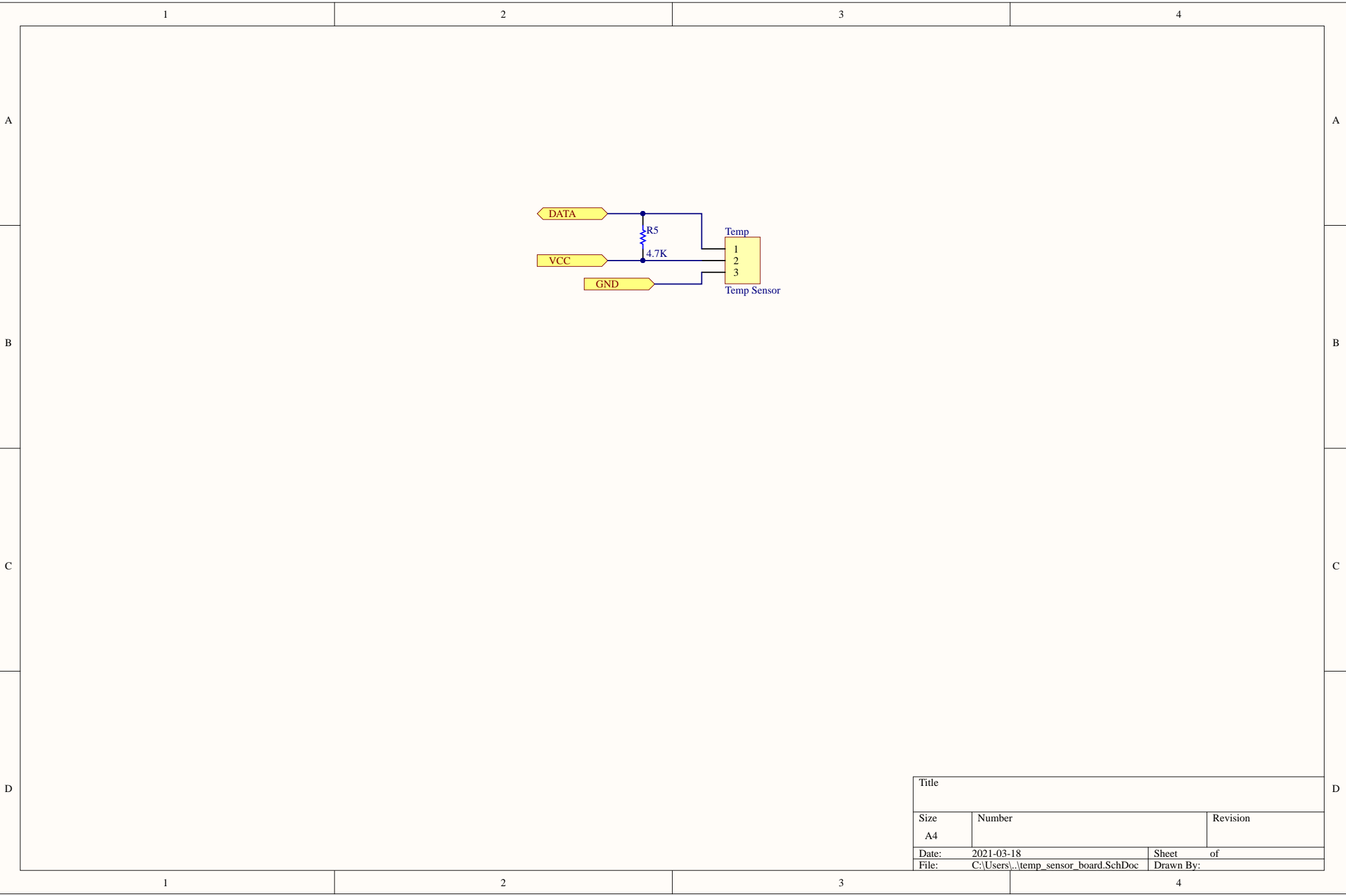
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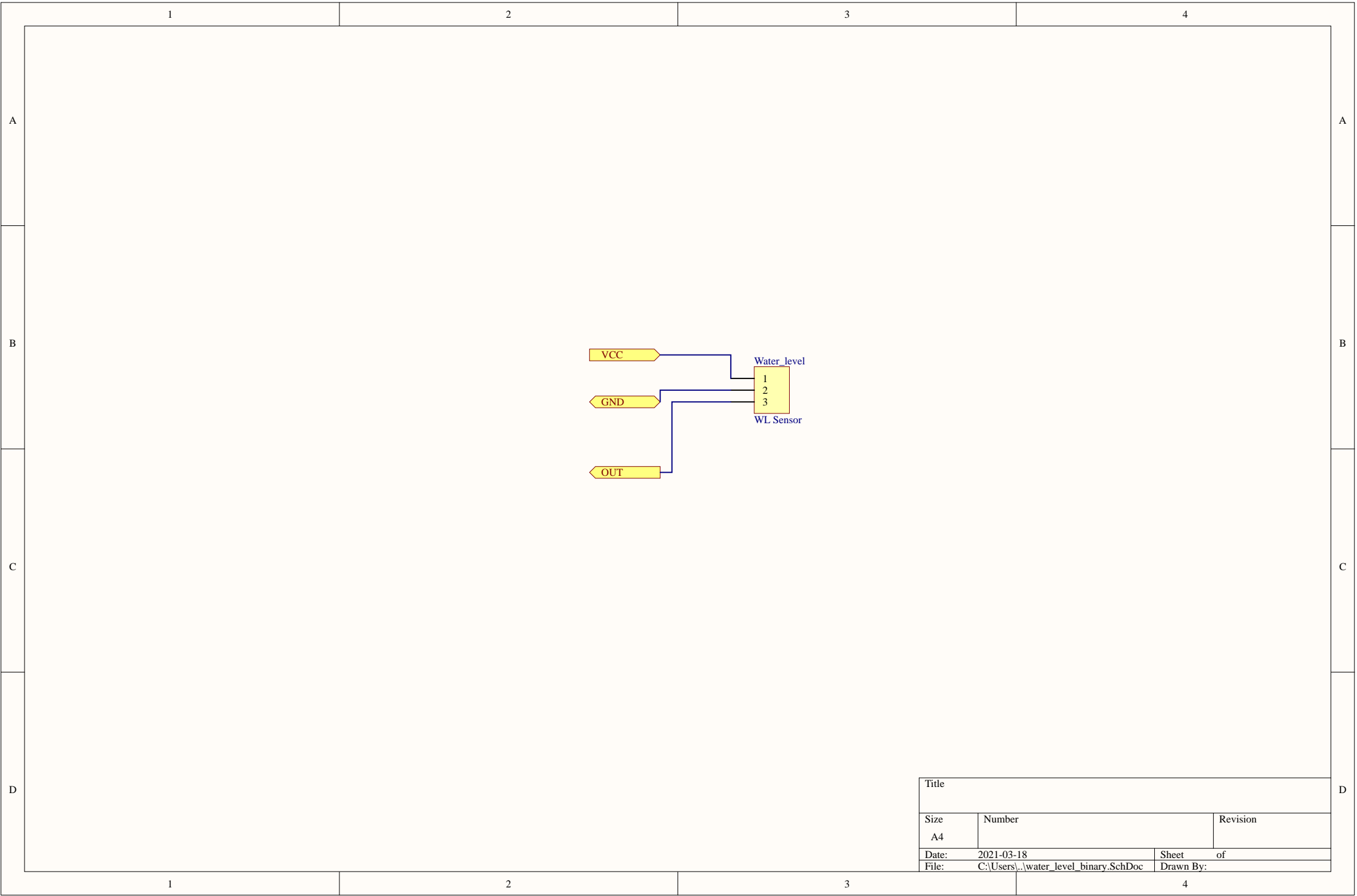
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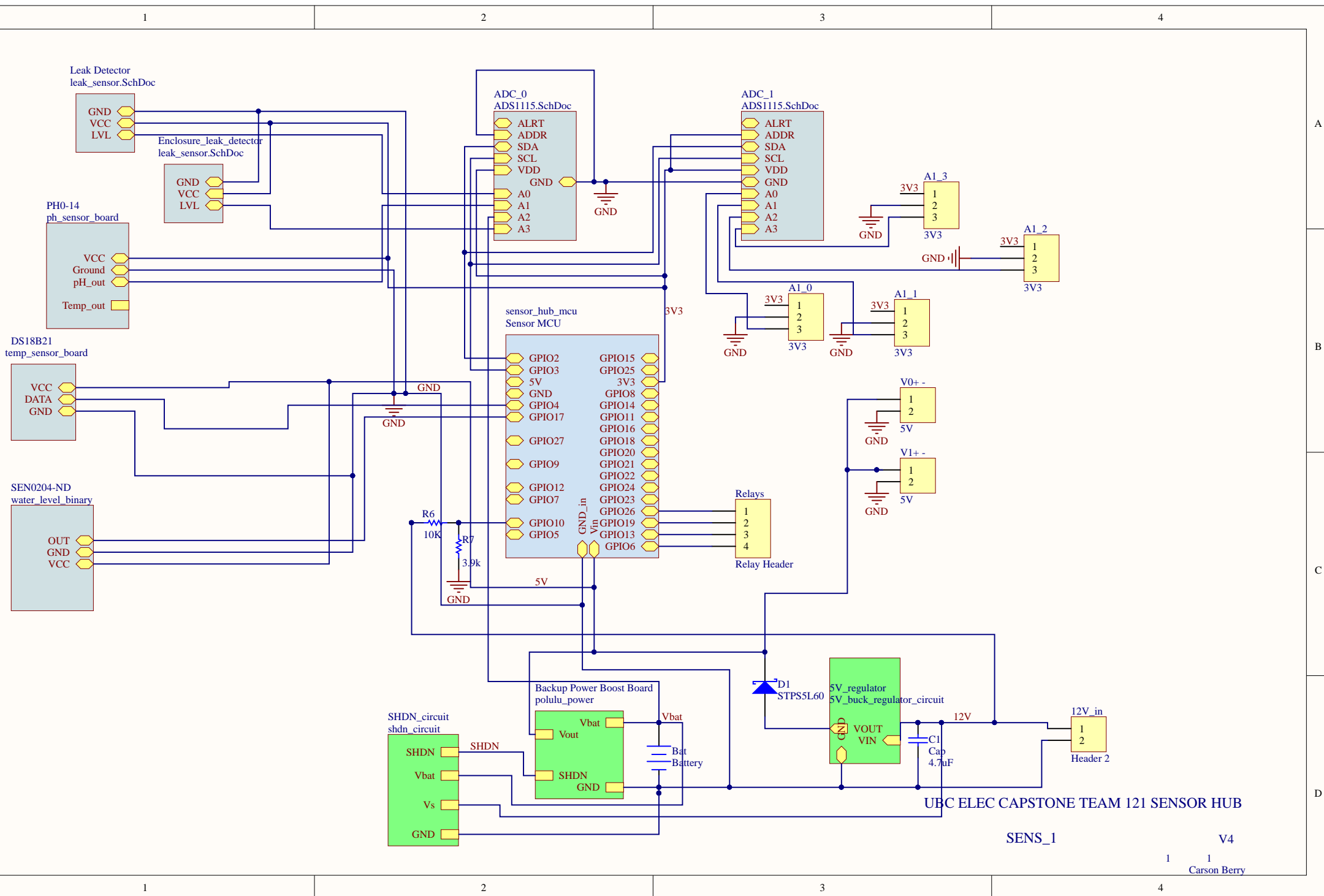
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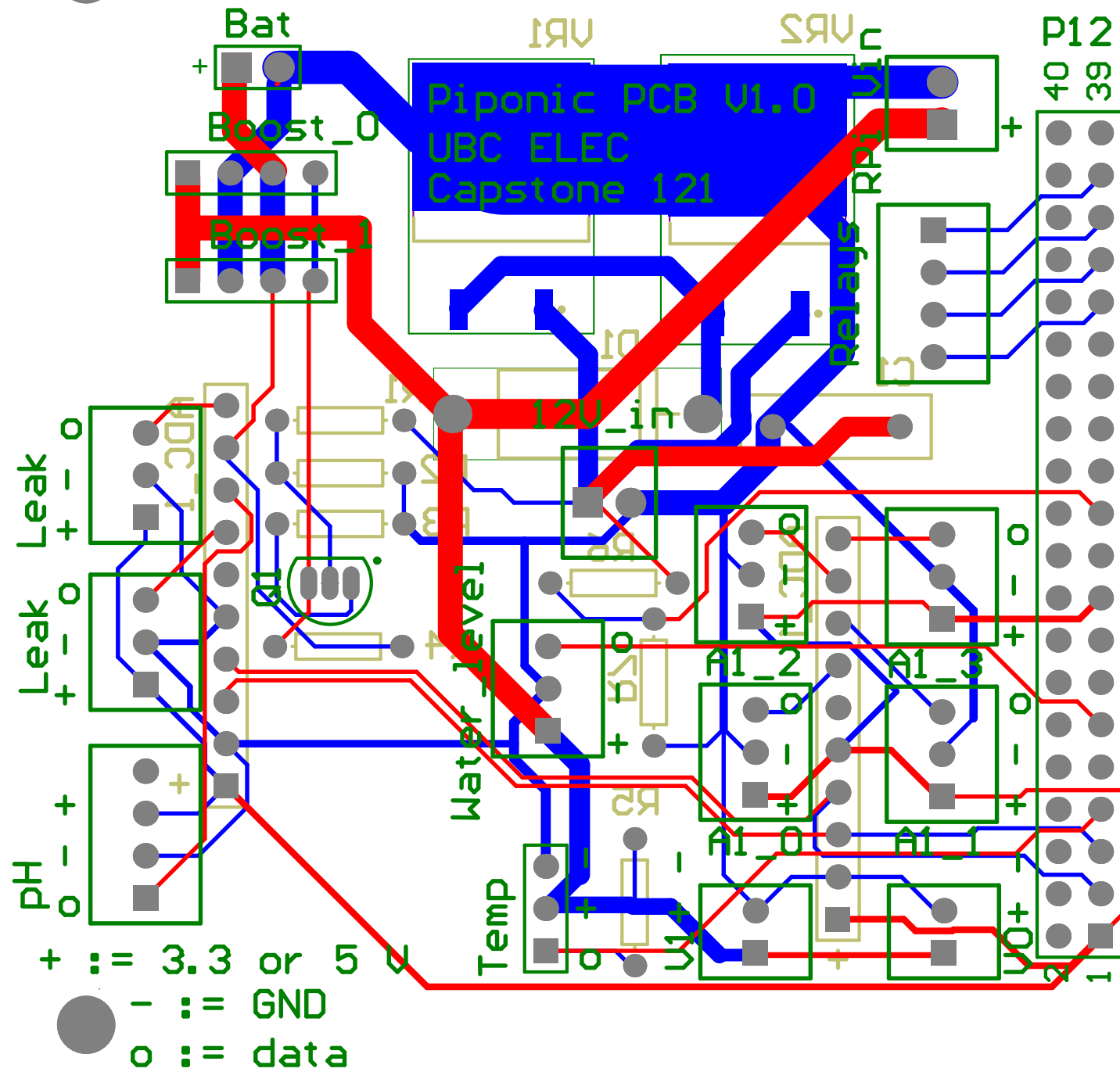


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Title		
Size	Number	Revision
A4		
Date:	2021-03-18	Sheet of
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Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Power 12V in	12V_in	2_channel_termina l_block	Header 2	1
3V3	Header, 3-Pin	A1_0, A1_1, A1_2, A1_3	3_channel_termina l_block	Header 3	4
ADS1*15	Header, 10-Pin	ADC_1_ADC_0, ADC_1_ADC_1	HDR1X10	Header 10	2
Battery	2AA batteries	Bat	BAT-2	Battery	1
Header 4	Header, 4-Pin	Boost_0, Boost_1	HDR1X4	Header 4	2
Cap	Capacitor	C1	RAD-0.3	Cap	1
STPS5L60	Power Schottky rectifier, 60 V, 5 A, 2-Pin DO-201AD, RoHS, Cut Tape	D1	STM-DO-201AD	CMP-2000-05365-1	1
Leak Sensor	Header, 3-Pin	Leak_Enclosure_le ak_detector, Leak_Leak Detector	3_channel_termina l_block	Header 3	2
Header 20X2	GPIO shield for RPi	P12	HDR2X20	Header 20X2	1
pH Sensor	Header, 4-Pin	pH	4_channel_termina l_block	Header 4	1
2N3904	NPN General Purpose Amplifier	Q1	TO-92A	2N3904	1
Res1	Resistor	R1, R2, R3, R4, R6, R7	AXIAL-0.3	Res1	6
	Pull up	R5	AXIAL-0.3	Res1	1
Relay Header	Relay Control	Relays	4_channel_termina l_block	Header 4	1
RPi Power	Power Pins	RPi Vin	HDR1X2	Header 2	1
Temp Sensor	Header, 3-Pin	Temp	HDR1X3	Header 3	1
5V	Header, 2-Pin	V0+ -, V1+ -	2_channel_termina l_block	Header 2	2
Volt Reg	Voltage Regulator	VR1	D2PAK_N	Volt Reg	1
Volt Reg	Voltage Regulator	VR2	D2PAK_M	Volt Reg	1
WL Sensor	Header, 3-Pin	Water_level	3_channel_termina l_block	Header 3	1