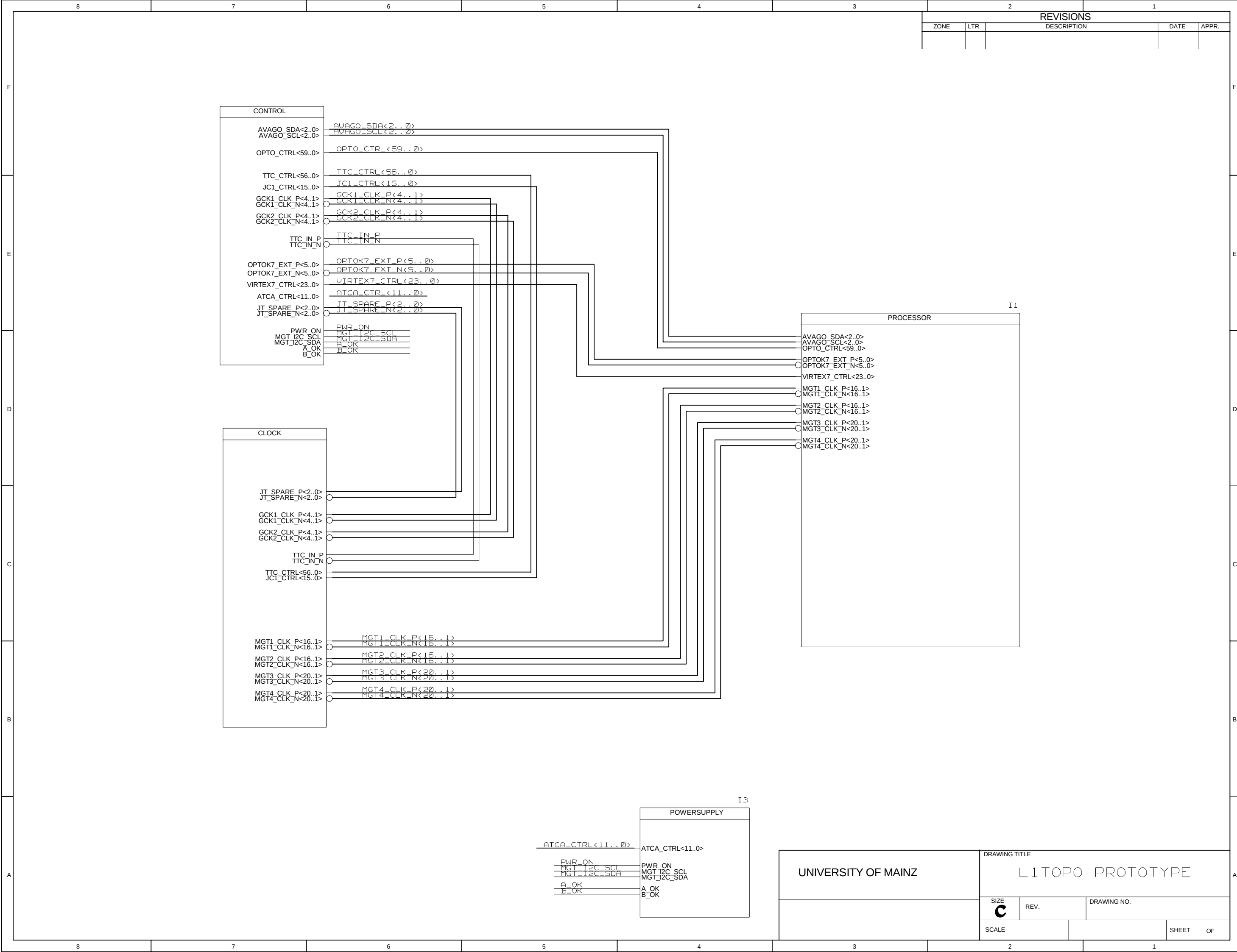




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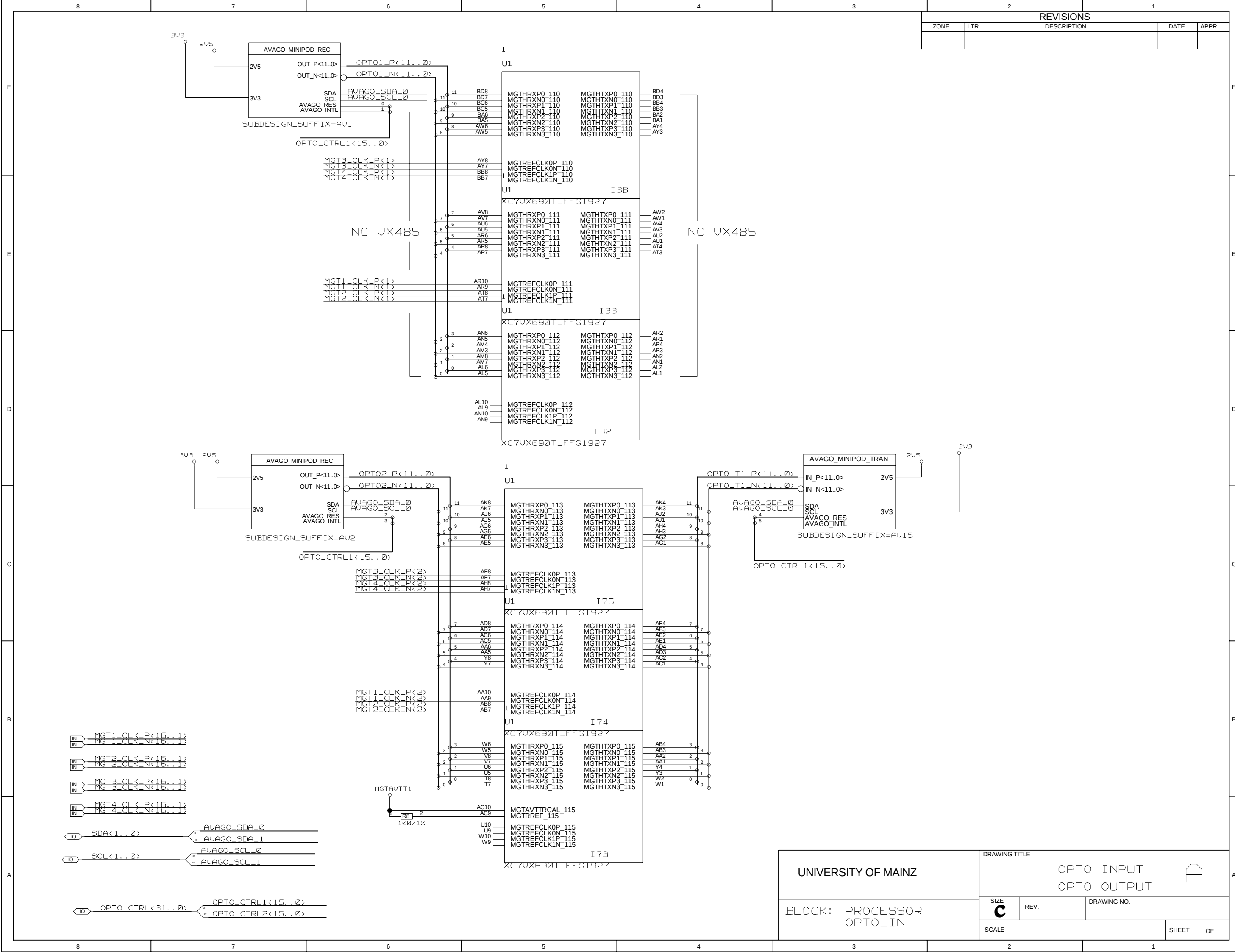
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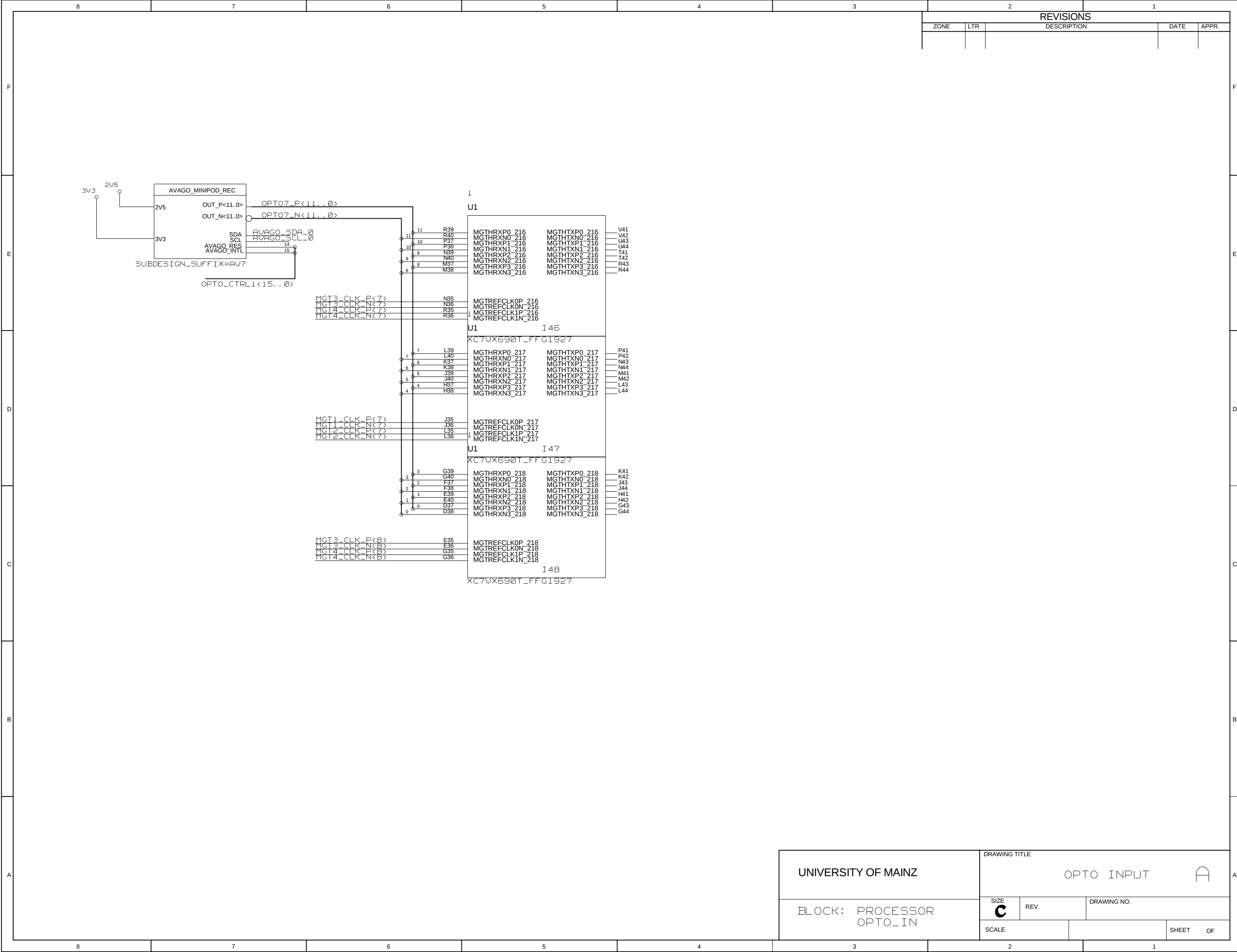
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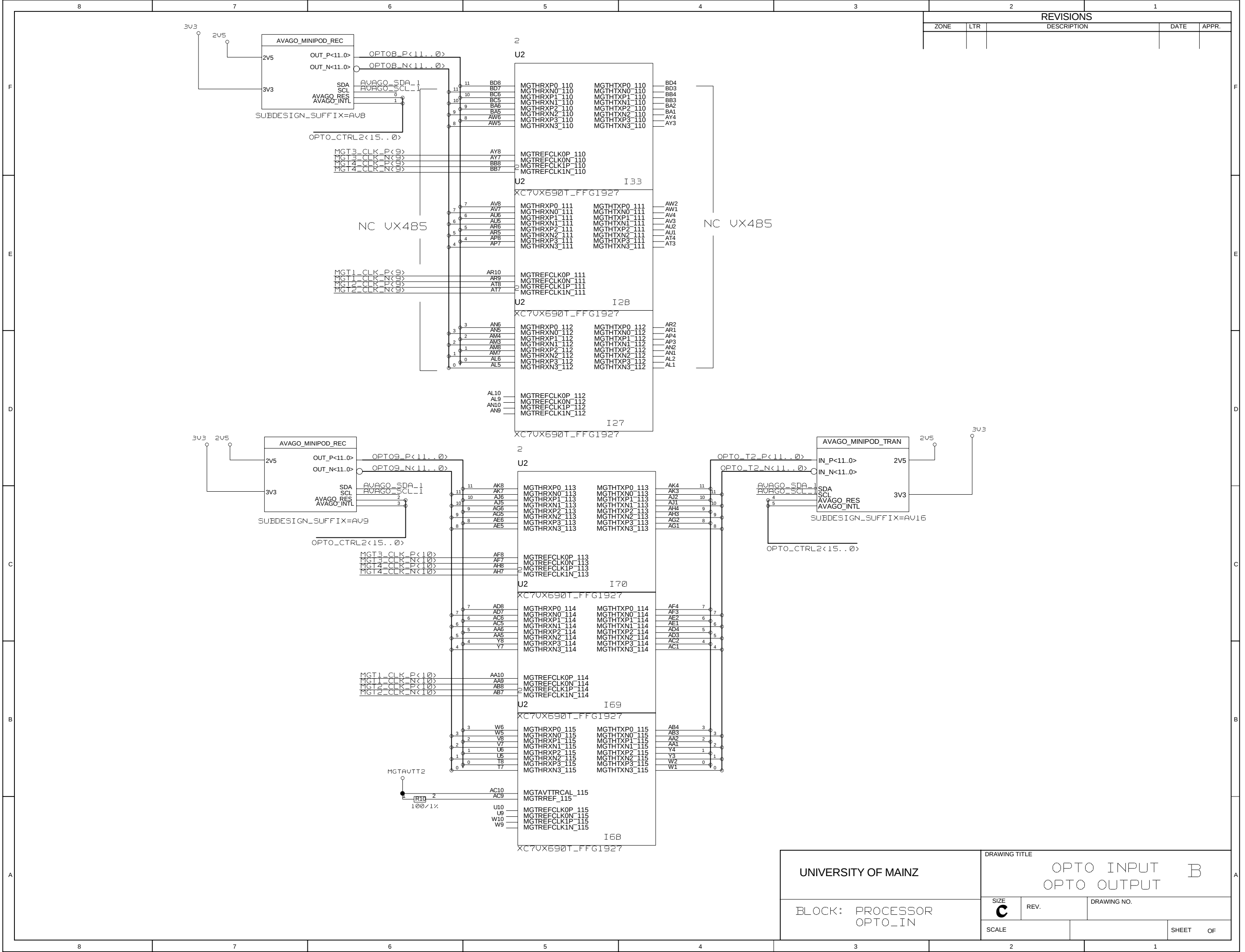
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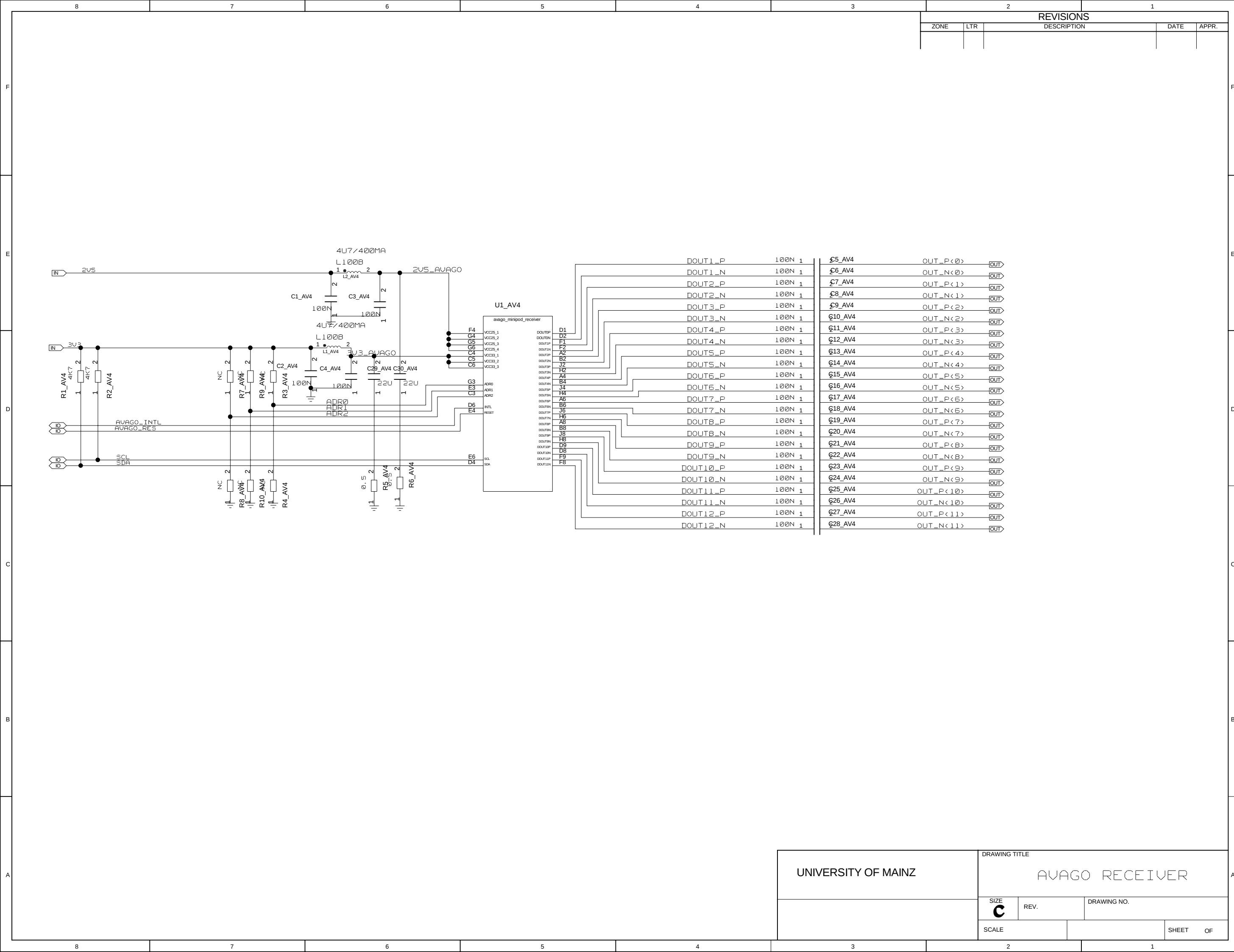
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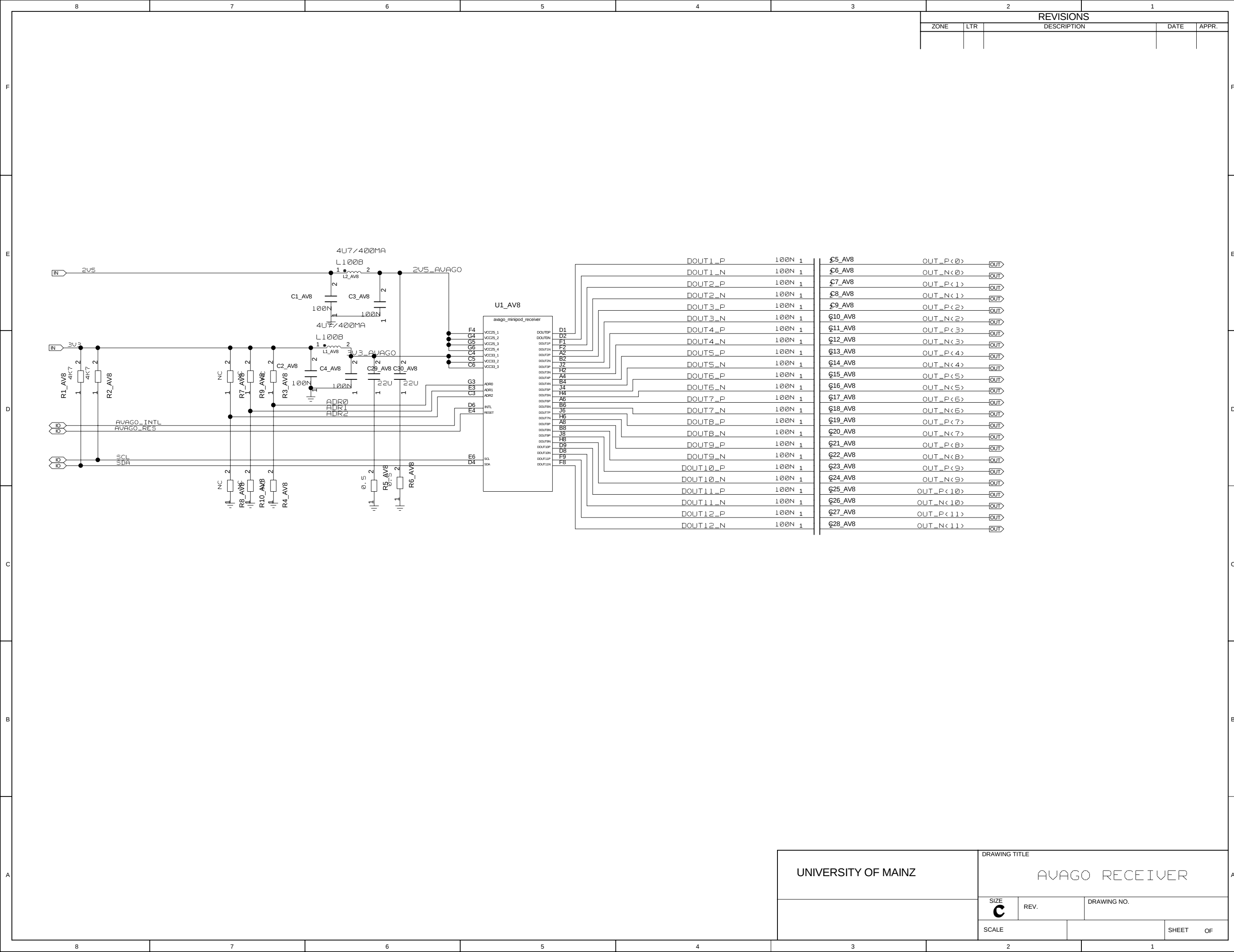
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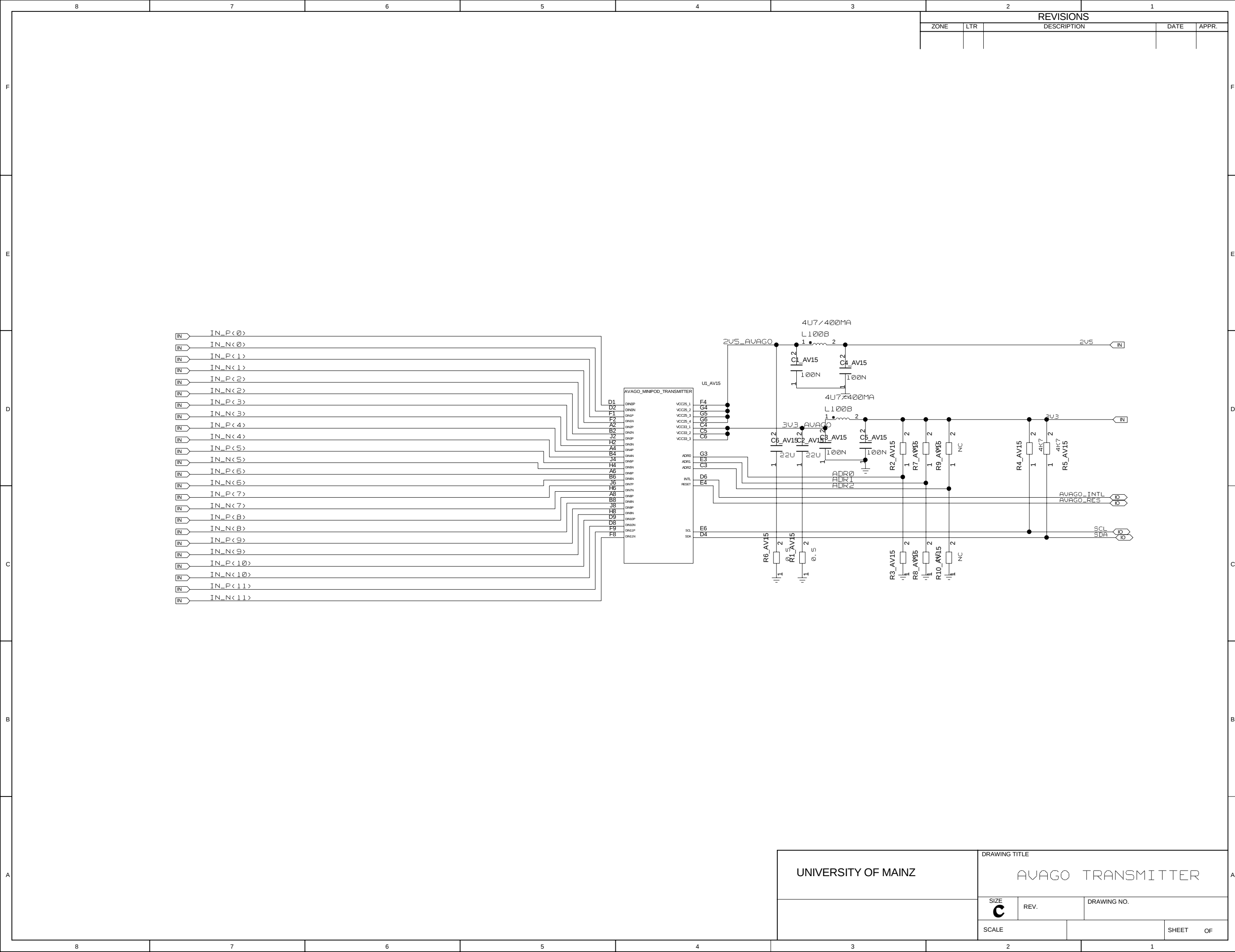








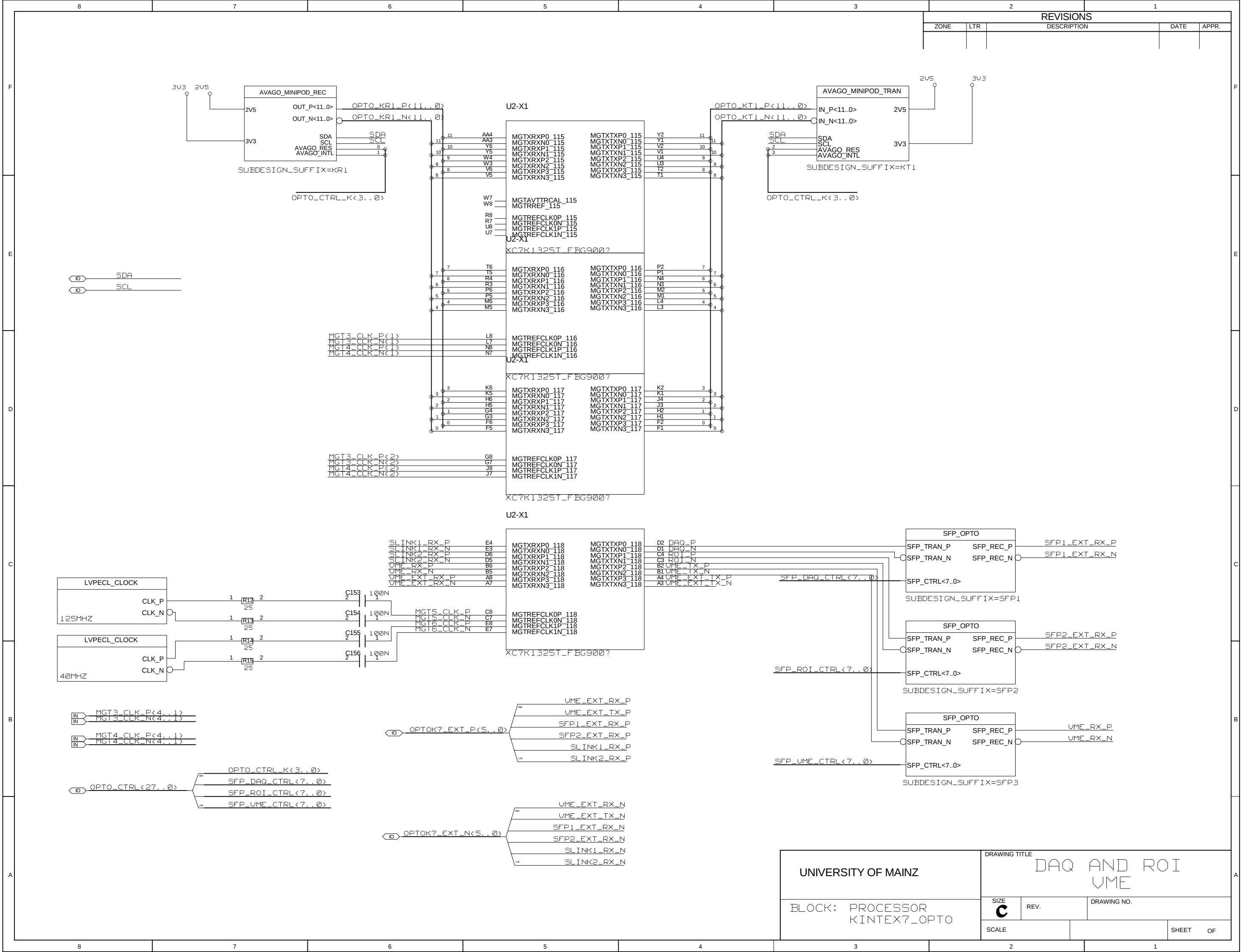


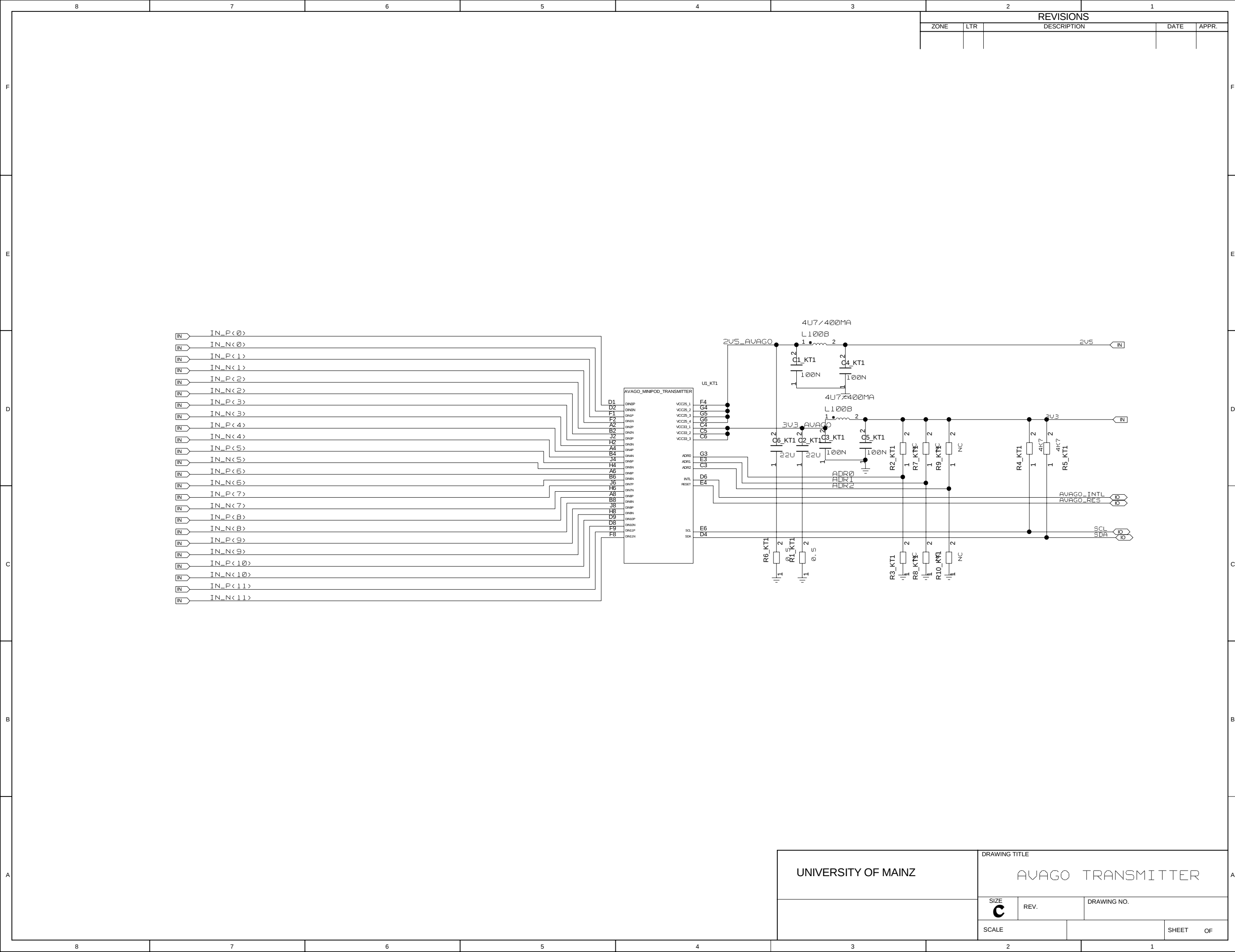


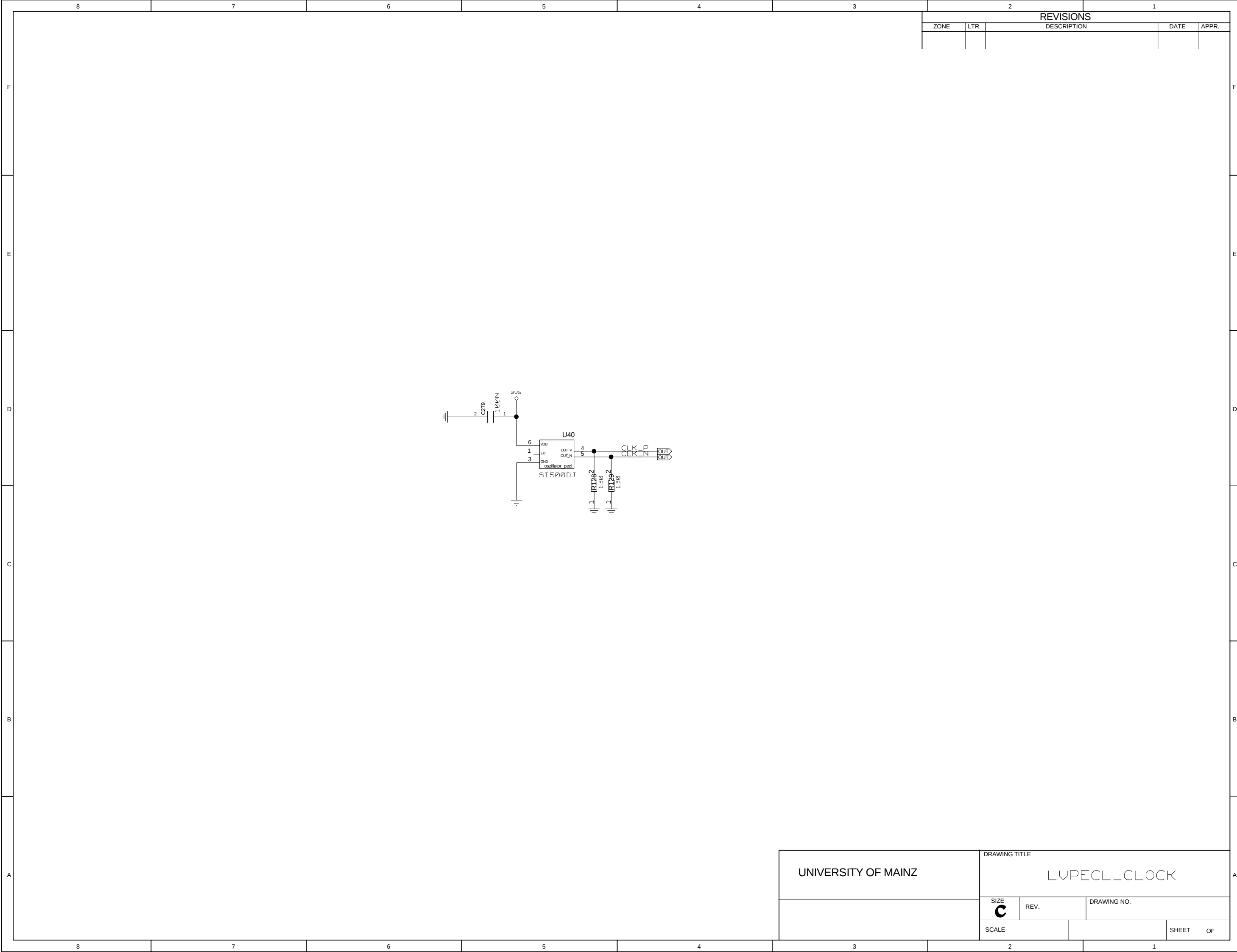


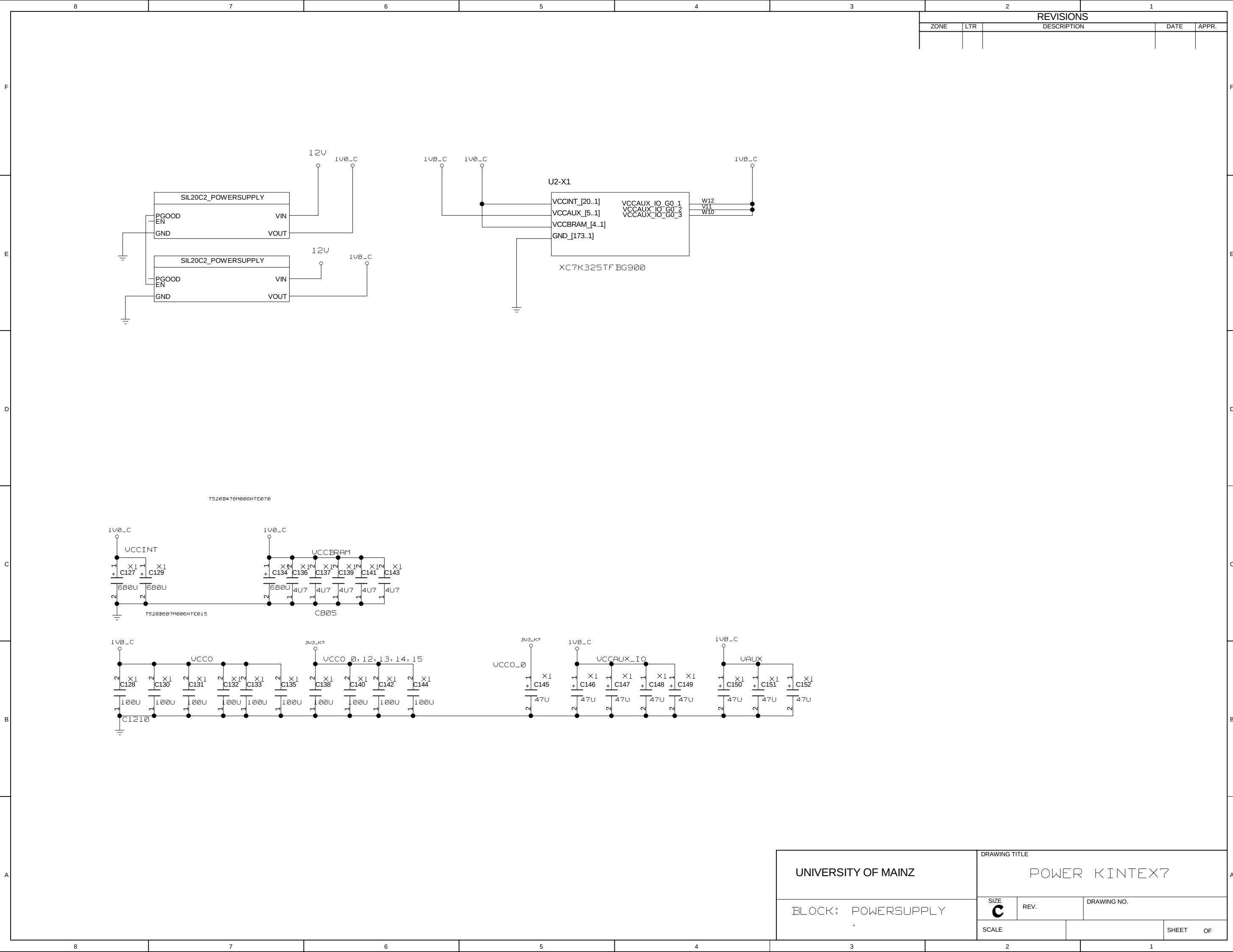
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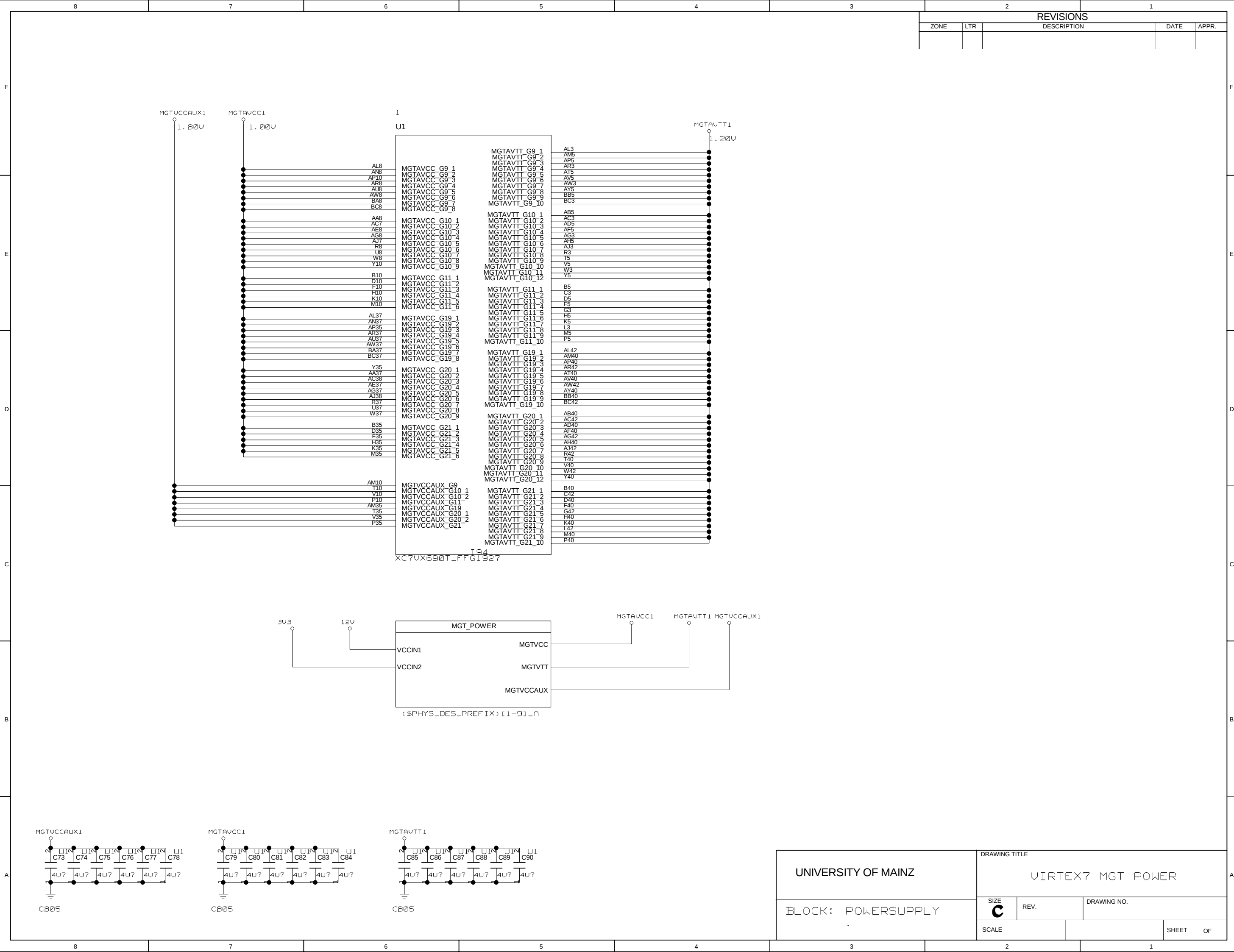
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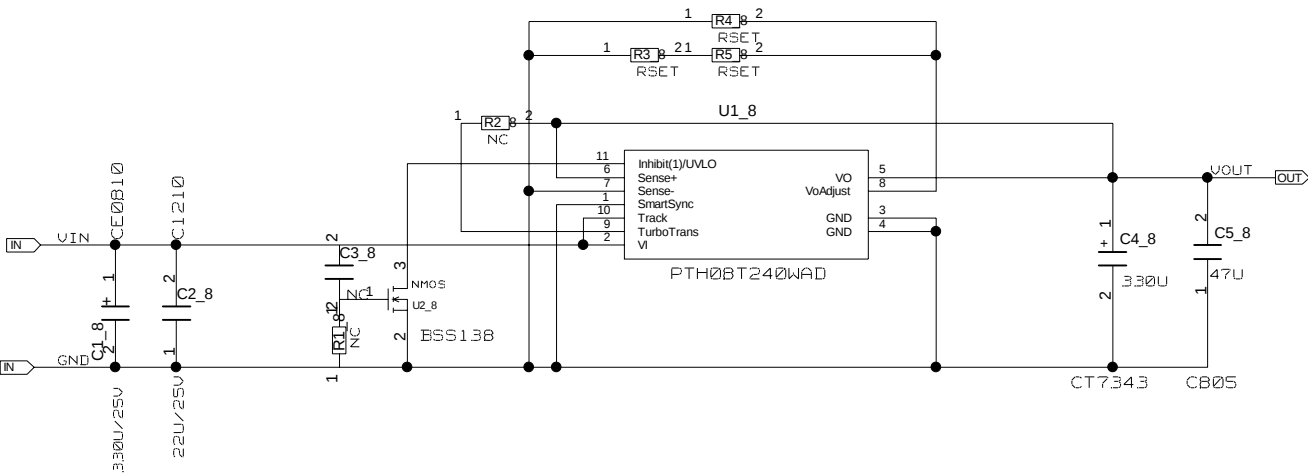


Table 2. Output Voltage Set-Point Resistor Values (Standard Values)			
V _O Required (V)	R _{SET} (kΩ)	V _O Required (V)	R _{SET} (Ω)
0.70 ⁽¹⁾	681	2.50	2.37 k
0.75 ⁽¹⁾	113	2.60	2.15 k
0.80 ⁽¹⁾	61.9	2.70	2.00 k
0.85 ⁽¹⁾	41.2	2.80	1.82 k
0.90 ⁽¹⁾	31.8	2.90	1.69 k
0.95 ⁽¹⁾	24.9	3.00	1.54 k
1.00 ⁽¹⁾	20.5	3.10	1.43 k
1.05 ⁽¹⁾	17.8	3.20	1.33 k
1.10 ⁽¹⁾	15.4	3.30	1.21 k
1.15 ⁽¹⁾	13.3	3.40	1.10 k
1.20 ⁽¹⁾	12.1	3.50	1.02 k
1.25	10.7	3.60	931
1.30	9.88	3.70 ⁽²⁾	866
1.35	9.09	3.80 ⁽²⁾	787
1.40	8.25	3.90 ⁽²⁾	715
1.45	7.68	4.00 ⁽²⁾	649
1.50	6.98	4.10 ⁽²⁾	590
1.55	6.49	4.20 ⁽²⁾	536
1.60	6.04	4.30 ⁽²⁾	475
1.65	5.78	4.40 ⁽²⁾	432
1.70	5.36	4.50 ⁽²⁾	383
1.75	5.11	4.60 ⁽²⁾	332
1.80	4.75	4.70 ⁽²⁾	287
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1.90	4.22	4.90 ⁽²⁾	210
1.95	4.02	5.00 ⁽²⁾	169
2.00	3.83	5.10 ⁽²⁾	133
2.10	3.40	5.20 ⁽²⁾	100
2.20	3.09	5.30 ⁽²⁾	66.5
2.30	2.67	5.40 ⁽²⁾	34.8
2.40	2.61	5.50 ⁽²⁾	4.99

(1) For output voltages ≤ 1.2V, at nominal operating frequency, the output ripple may increase (typically 2x) when operating at input voltages greater than (V_O × 11). When using the SmartSync feature, review the SmartSync application section for further guidance.
(2) For V_O > 3.6 V, the minimum input voltage is (V_O + 2) V.

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PTH08T240W_POWERSUPPLY

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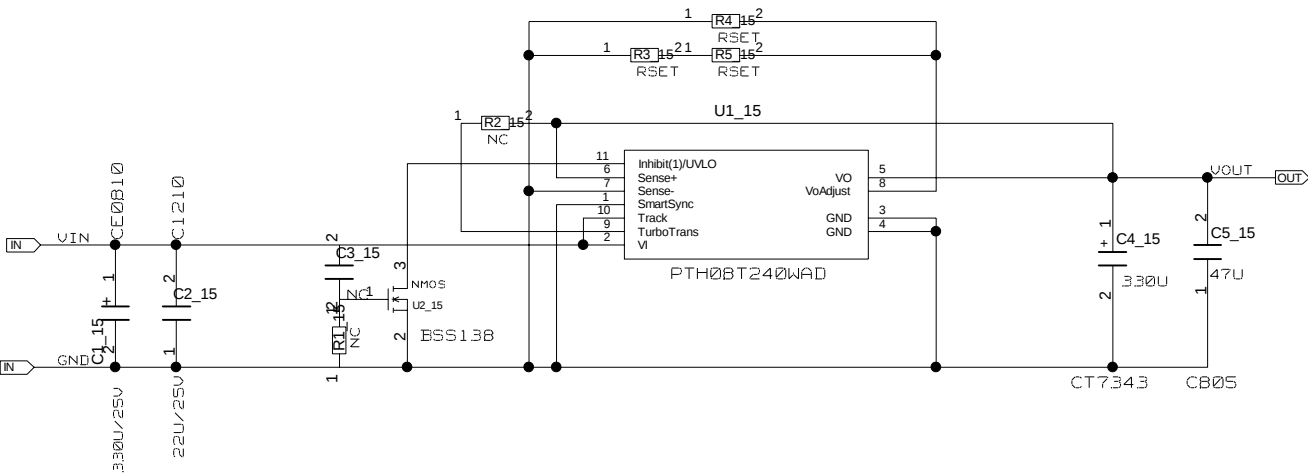


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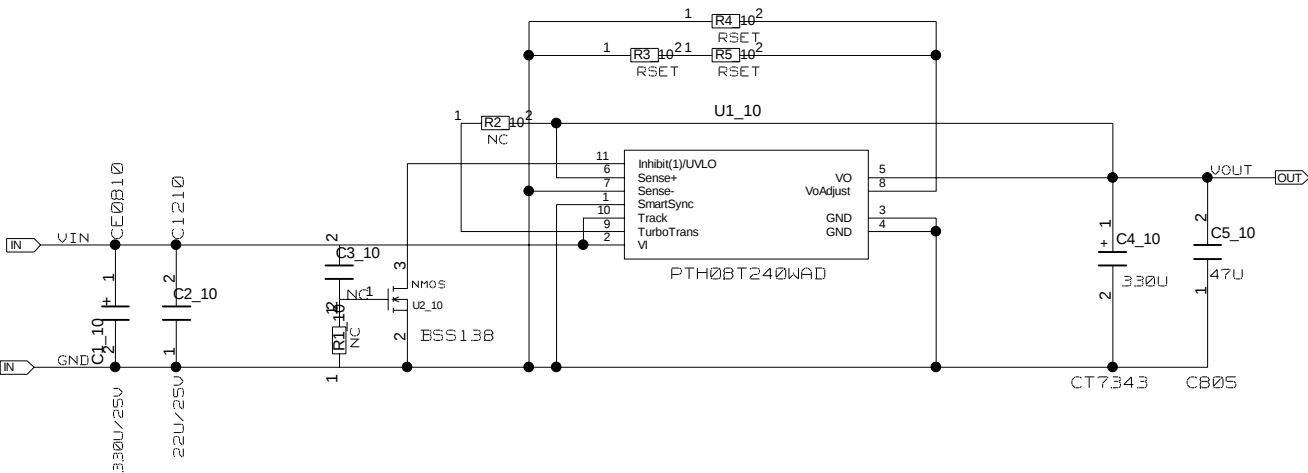


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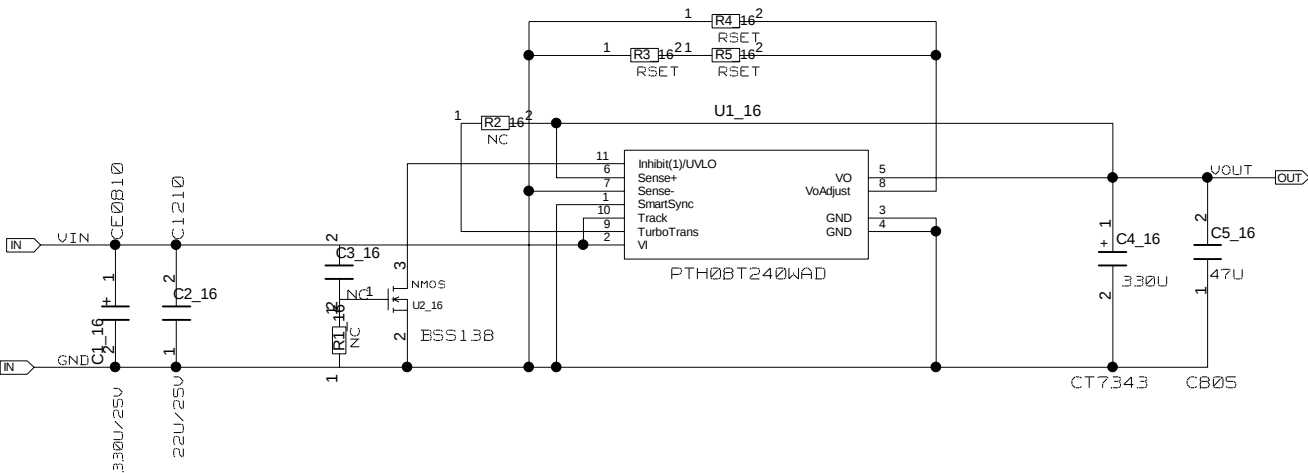


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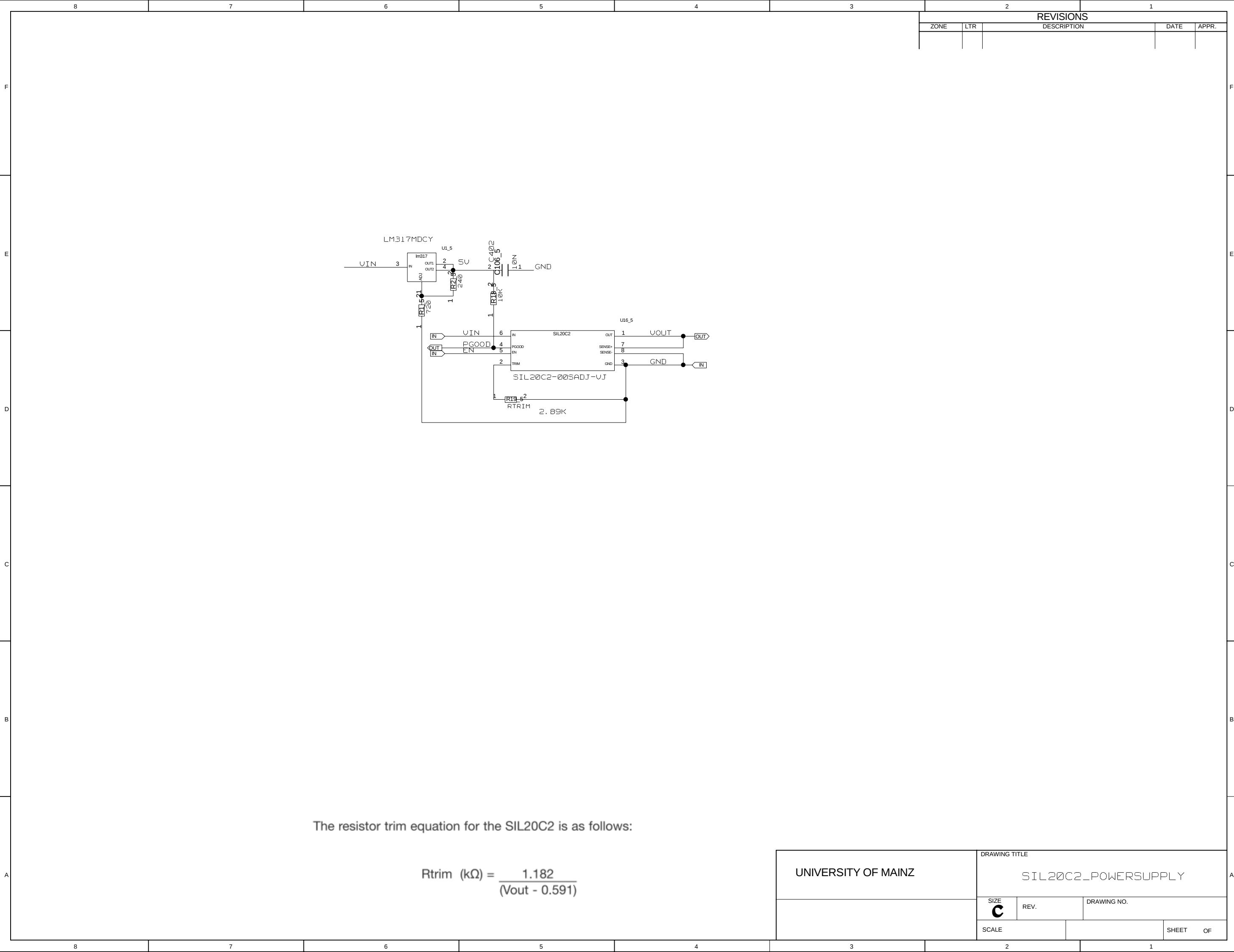
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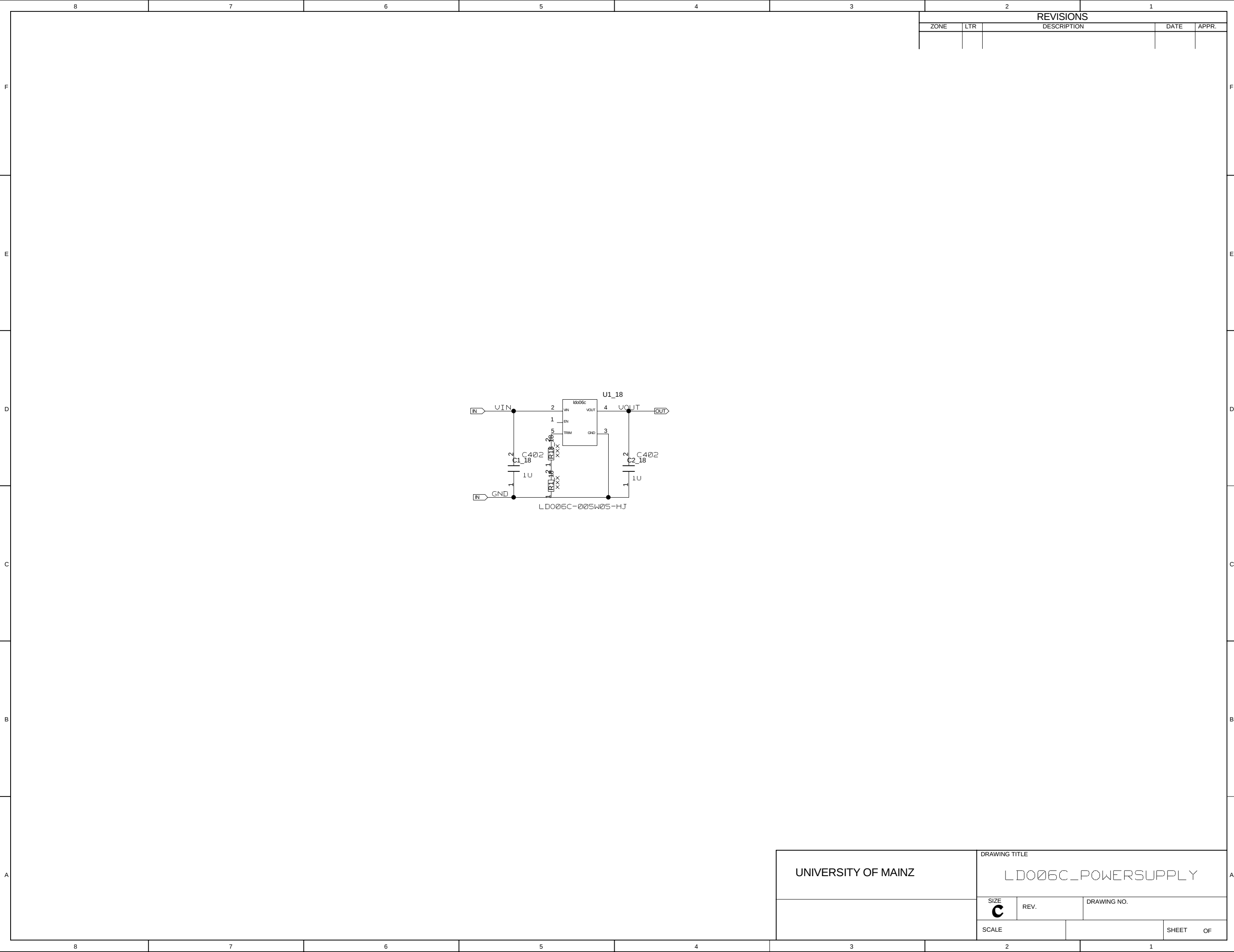
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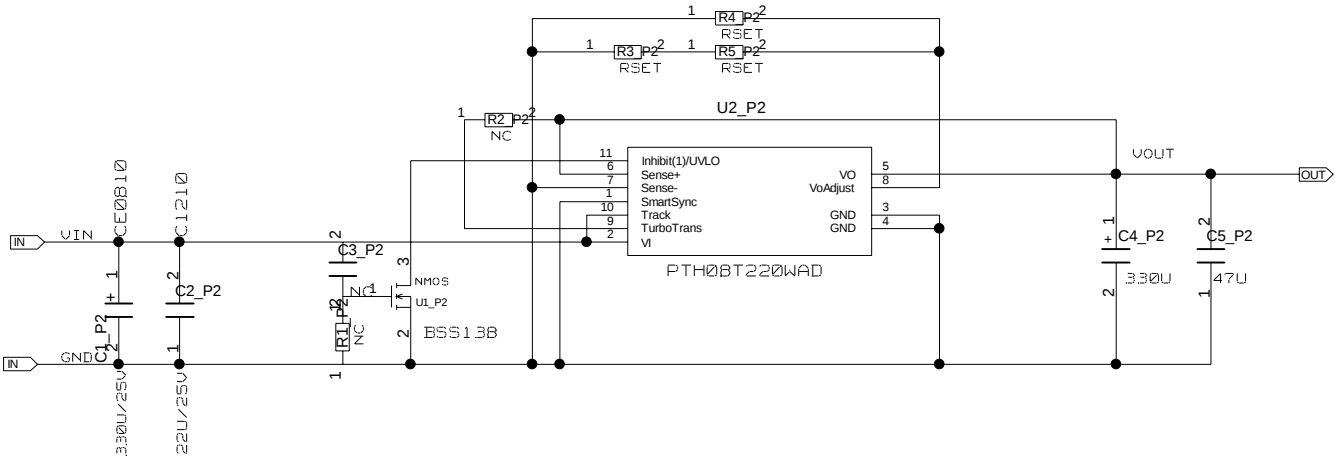
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$$R_{SET} = 10\text{ k}\Omega \times \frac{0.69}{V_O - 0.69} - 1.43\text{ k}\Omega$$

Table 1. Standard Values of R_{SET} for Standard Output Voltages

V _O (Standard)	R _{SET} (Standard Value)	V _O (Actual)
5.0 V ⁽¹⁾	169 Ω	5.005 V
3.3 V	1.21 kΩ	3.304 V
2.5 V	2.37 kΩ	2.506 V
1.8 V	4.75 kΩ	1.807 V
1.5 V	6.98 kΩ	1.510 V
1.2 V ⁽²⁾	12.1 kΩ	1.200 V
1.0 V ⁽²⁾	20.5 kΩ	1.004 V
0.7 V ⁽²⁾	681 kΩ	0.700 V

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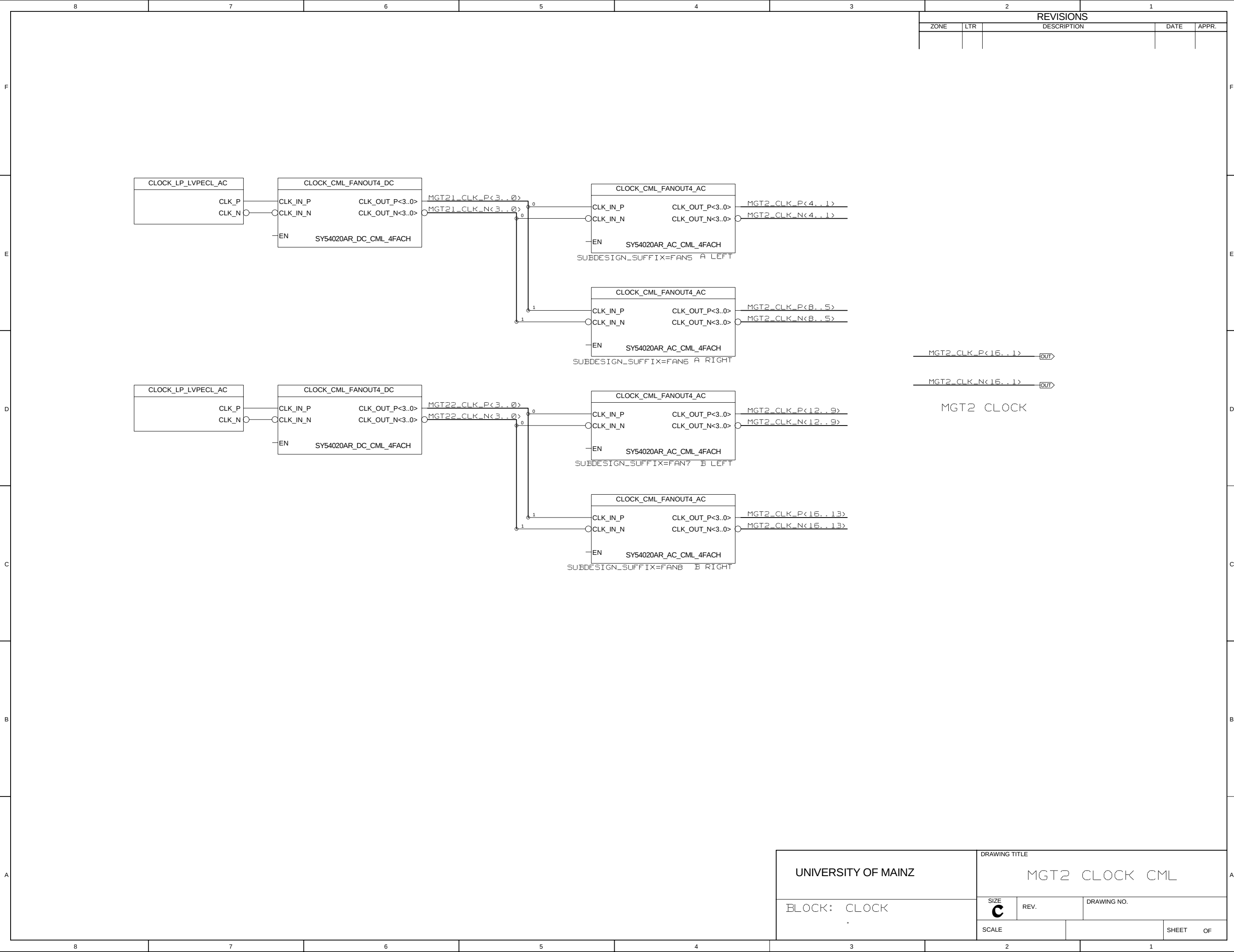
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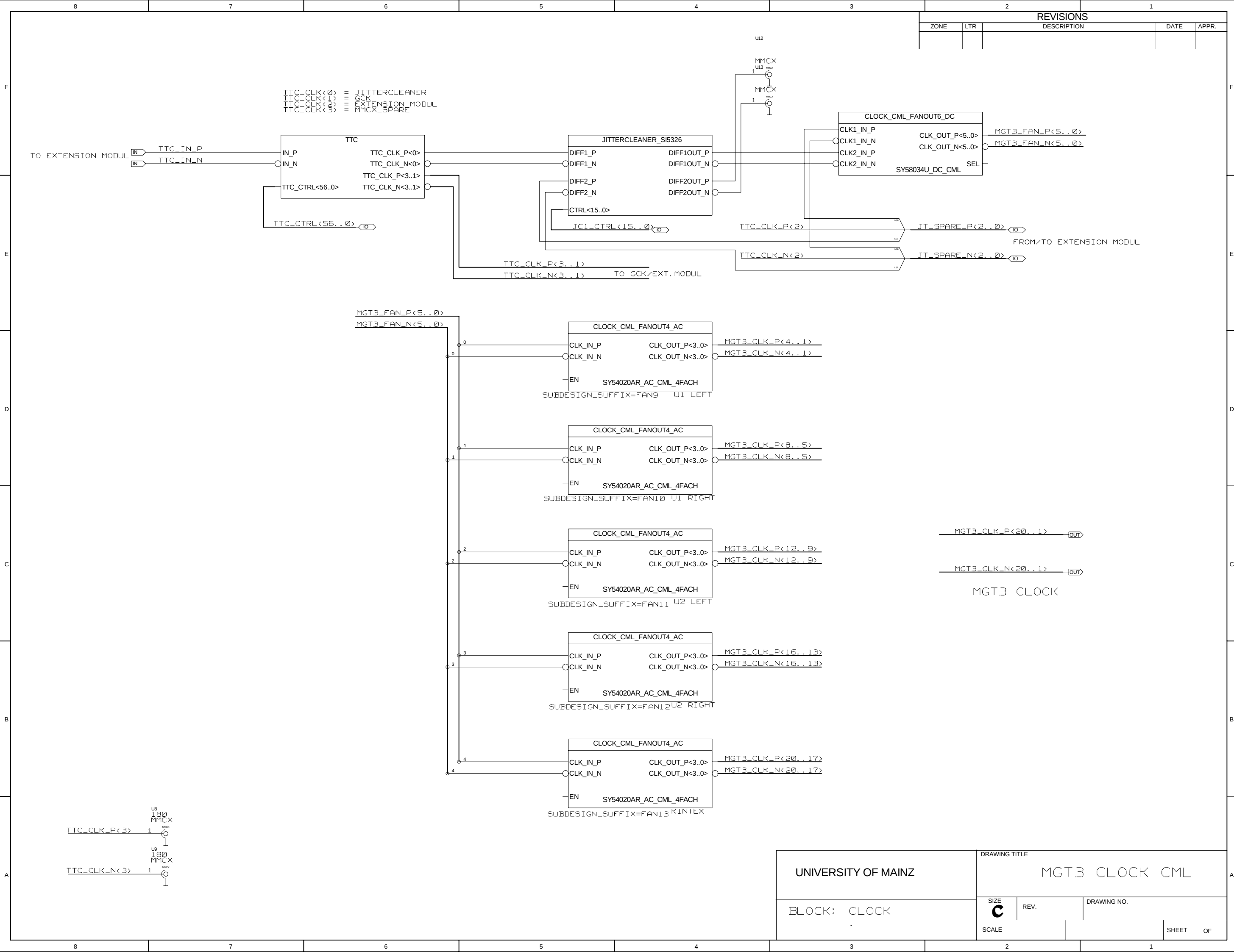
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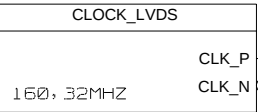
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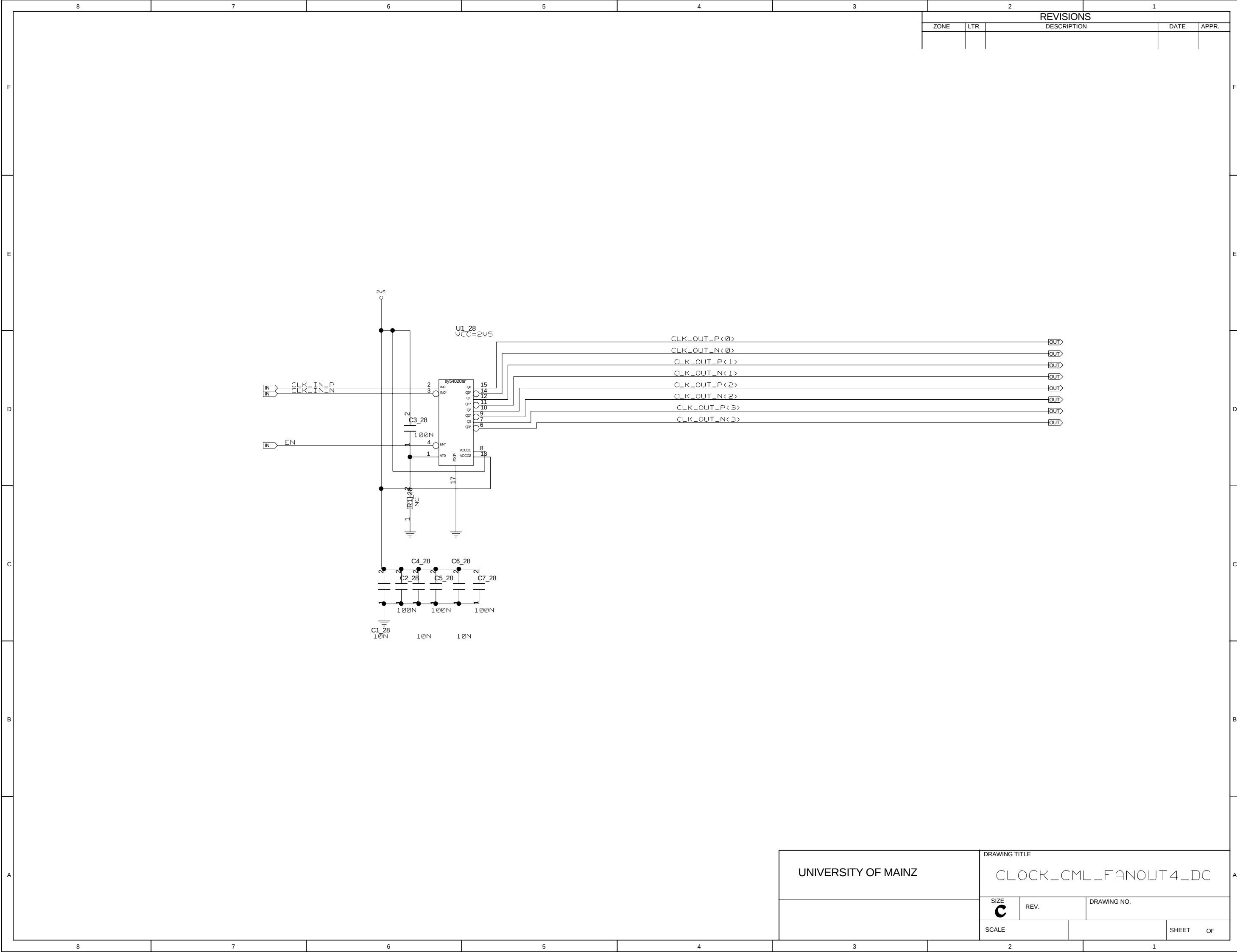
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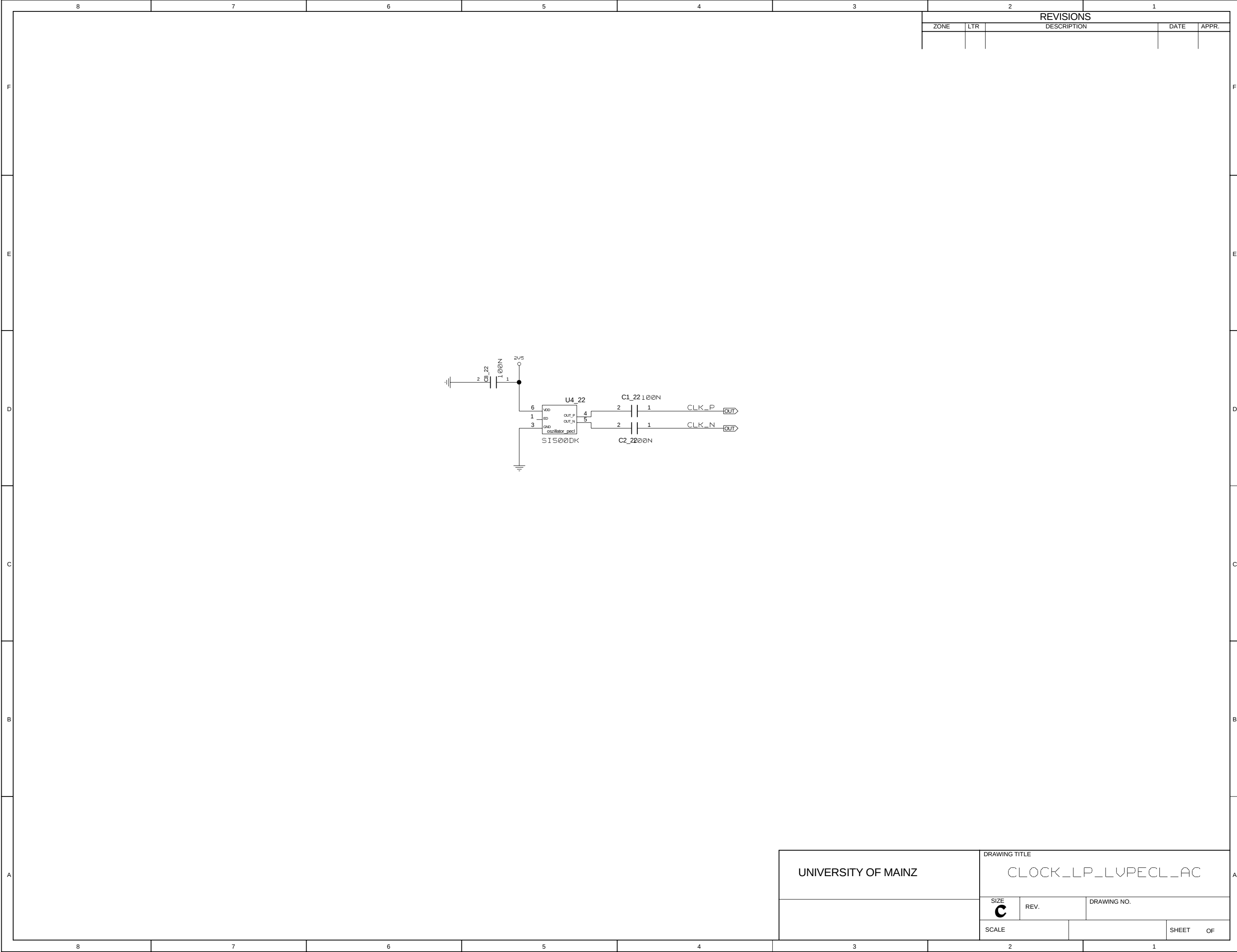


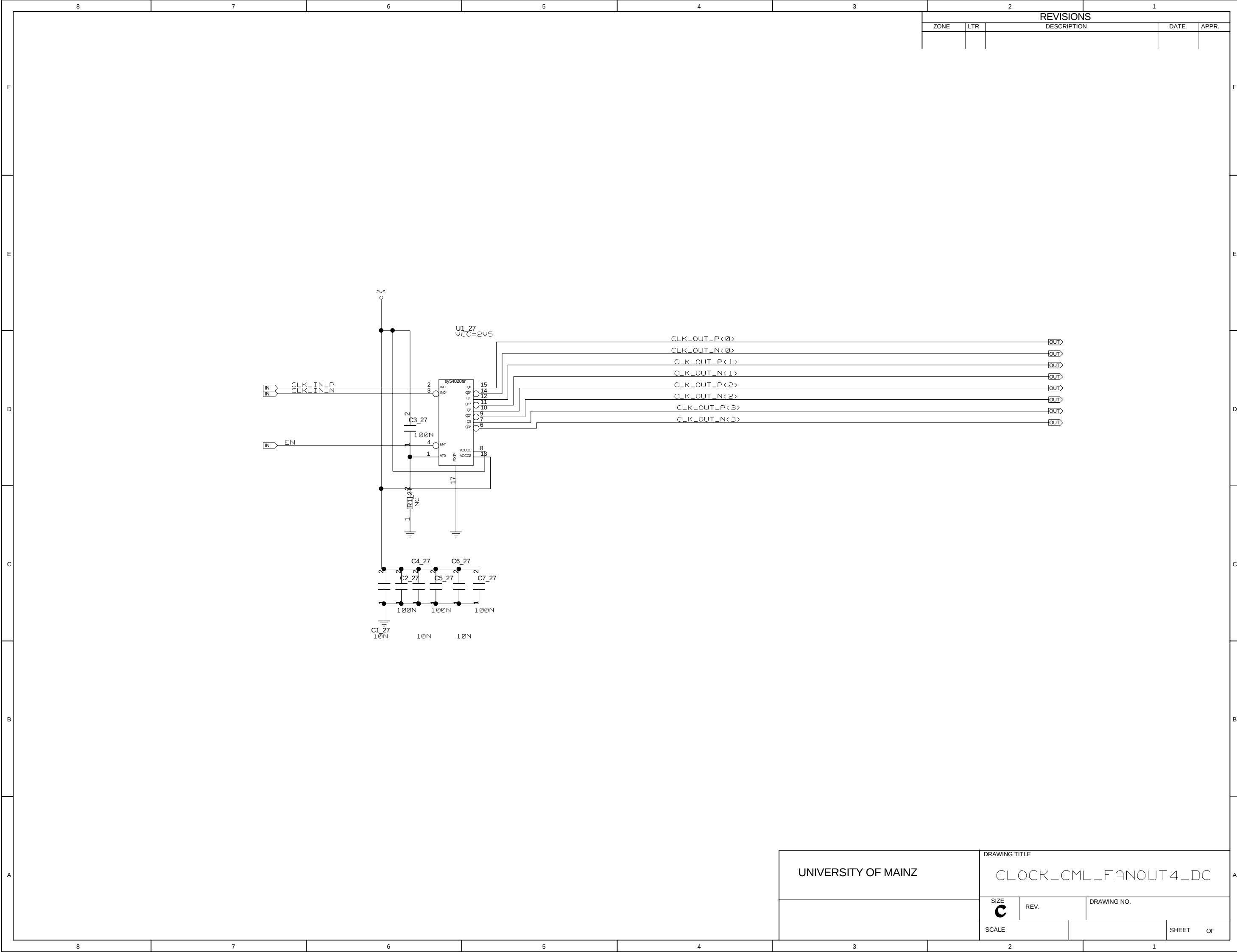


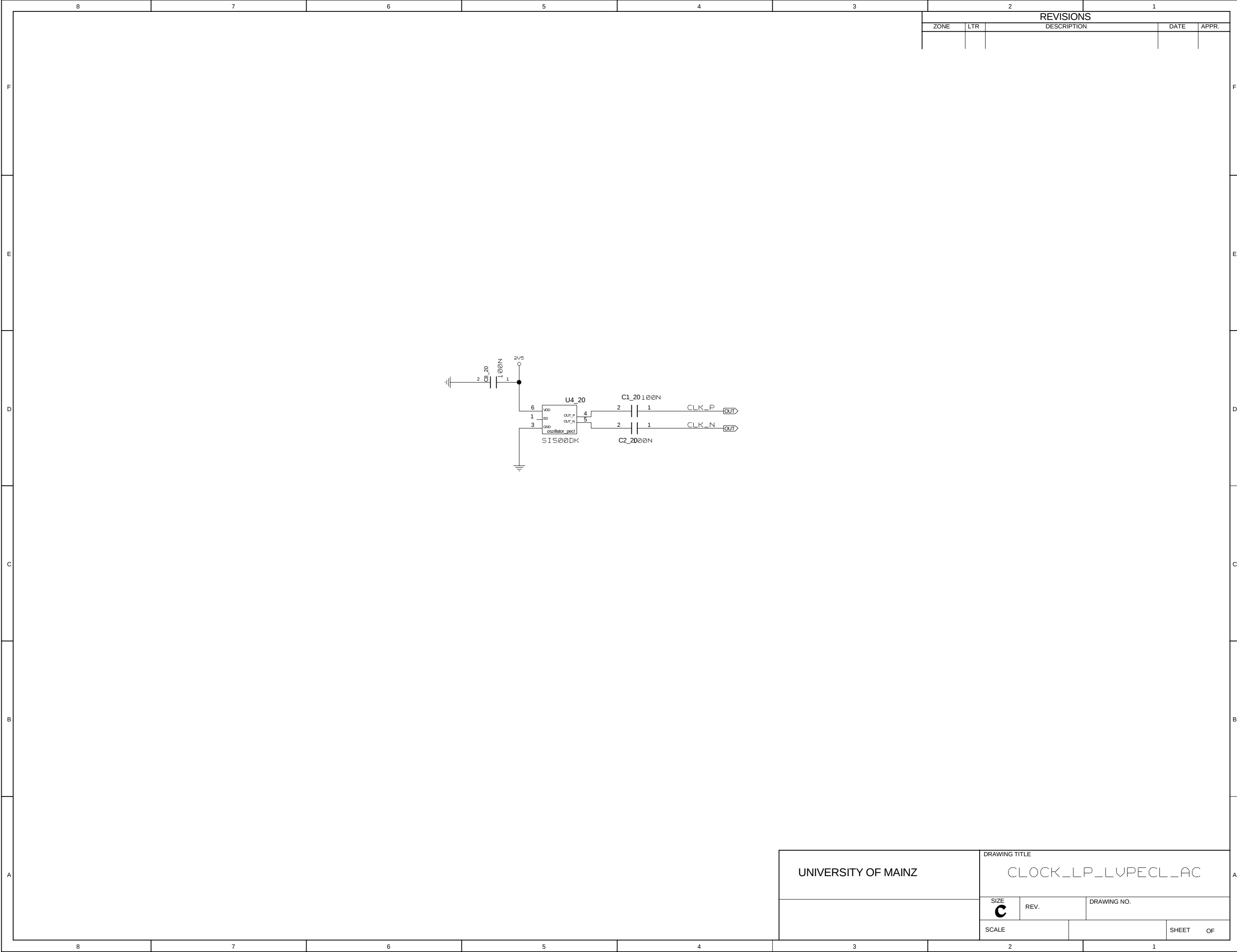


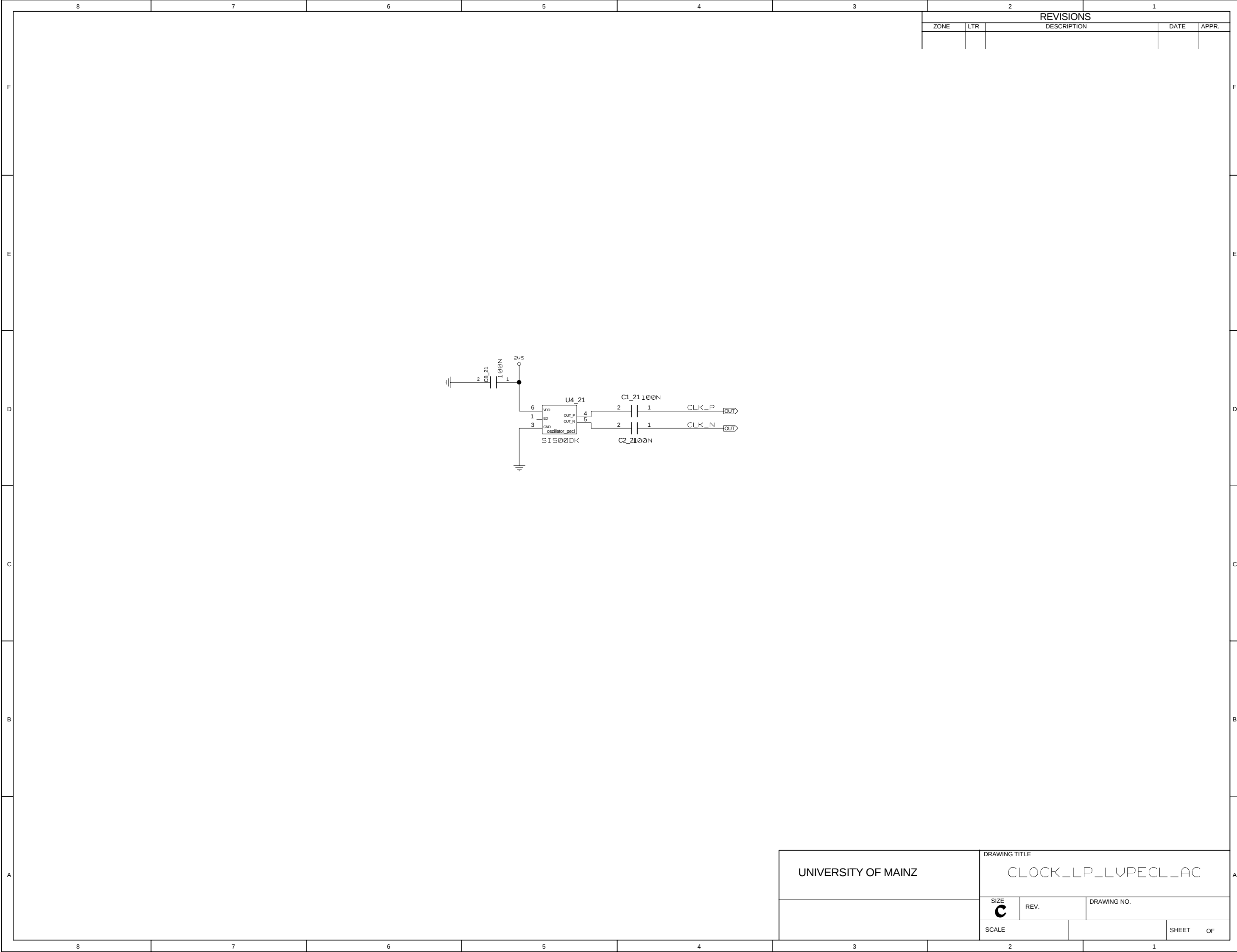
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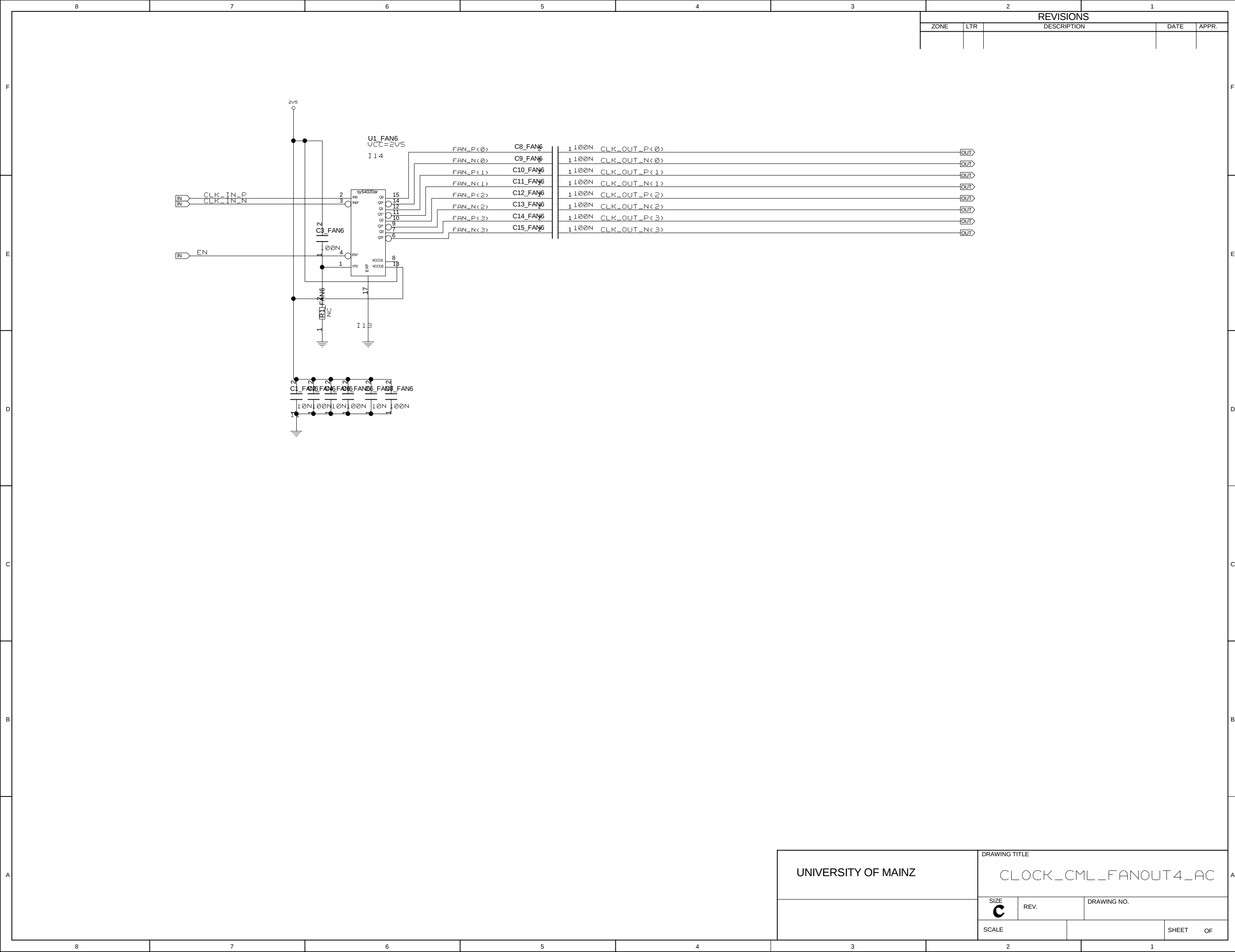


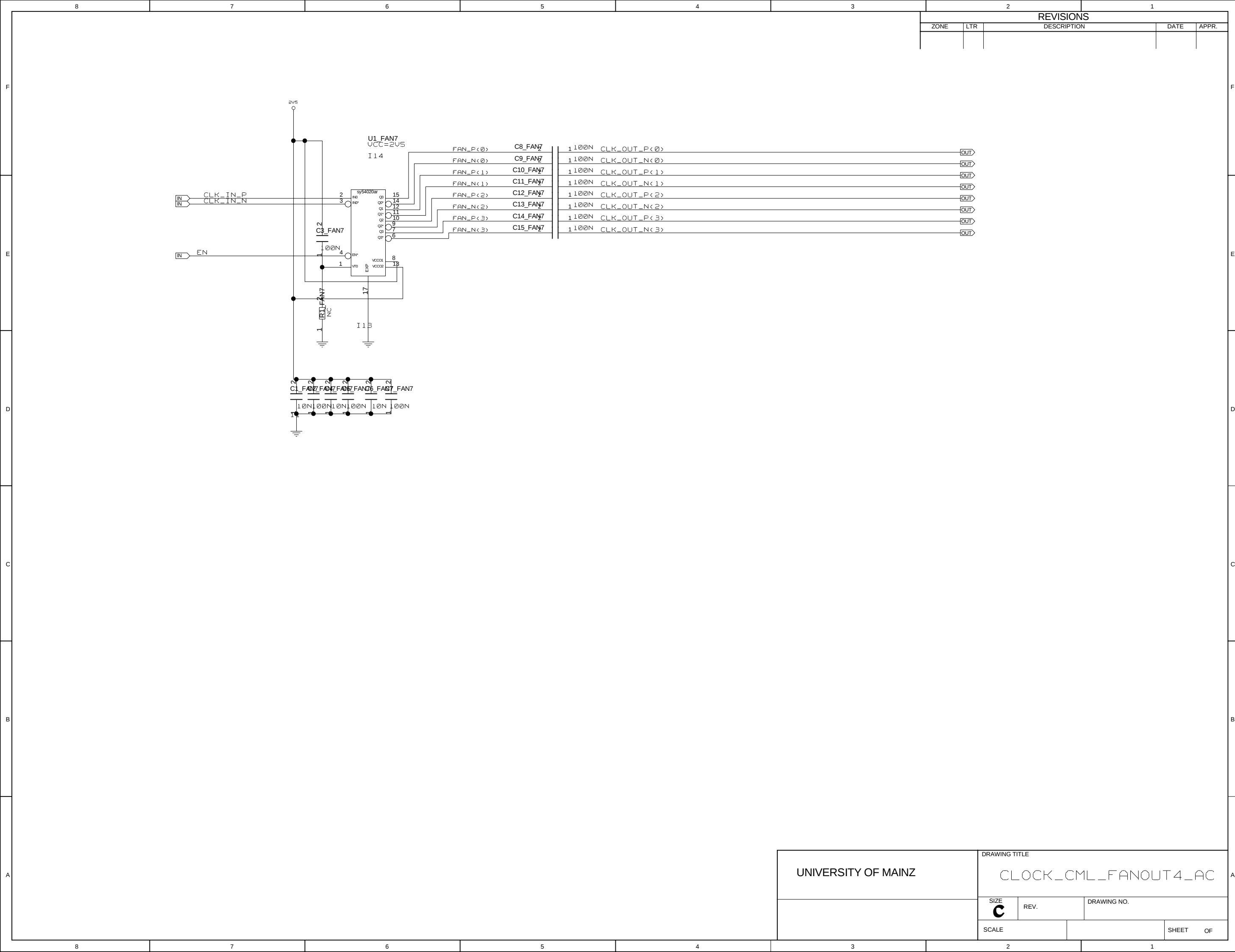


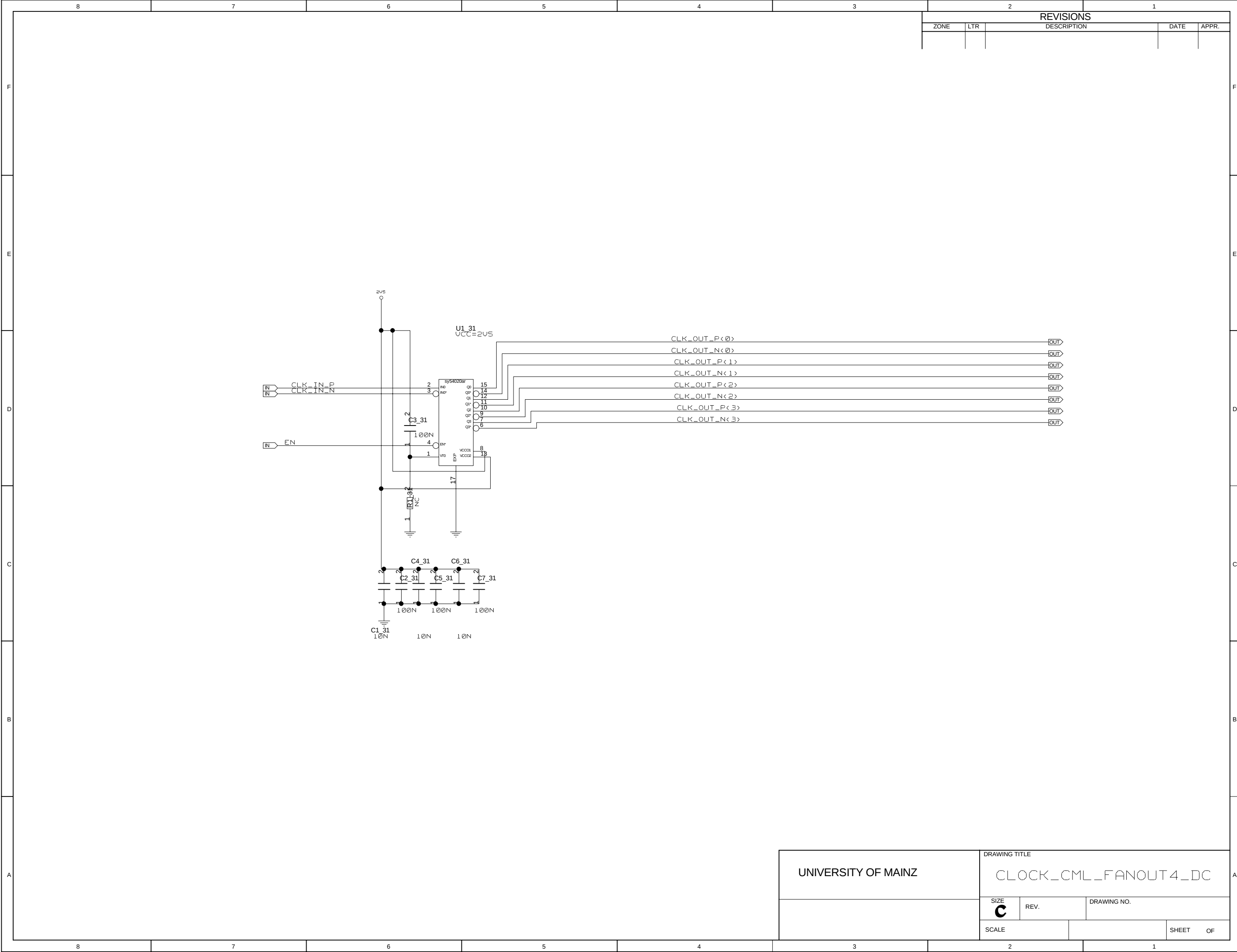




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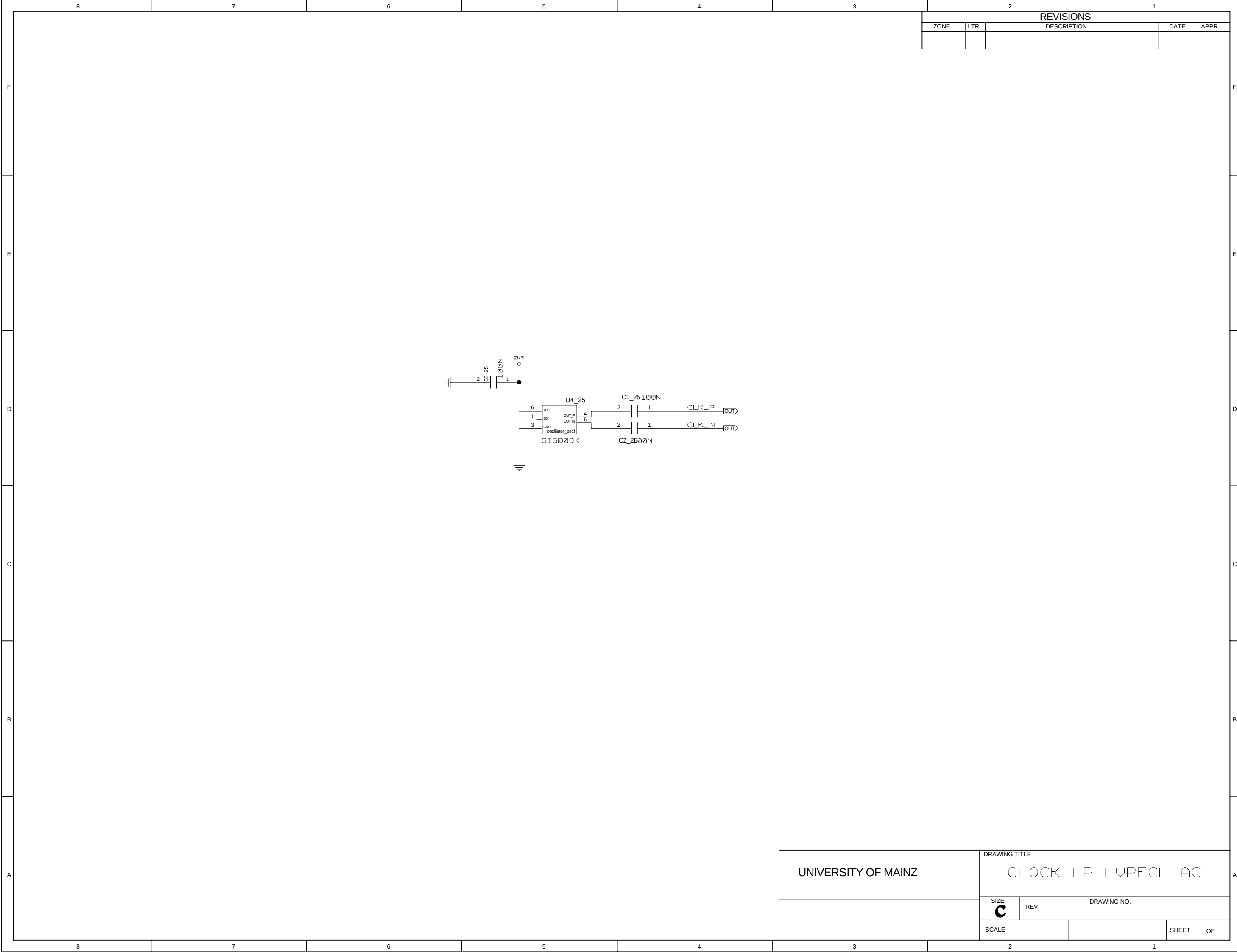
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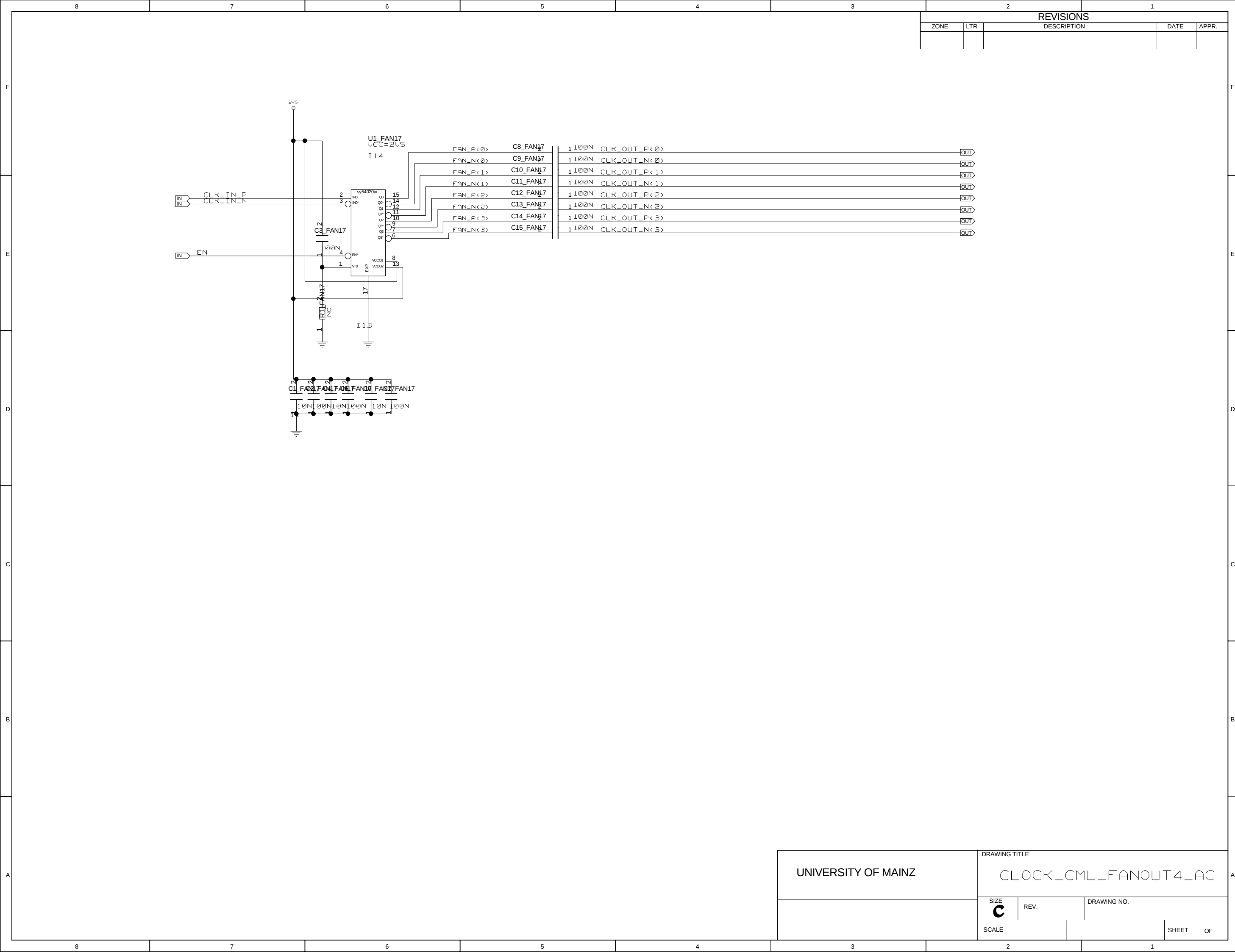
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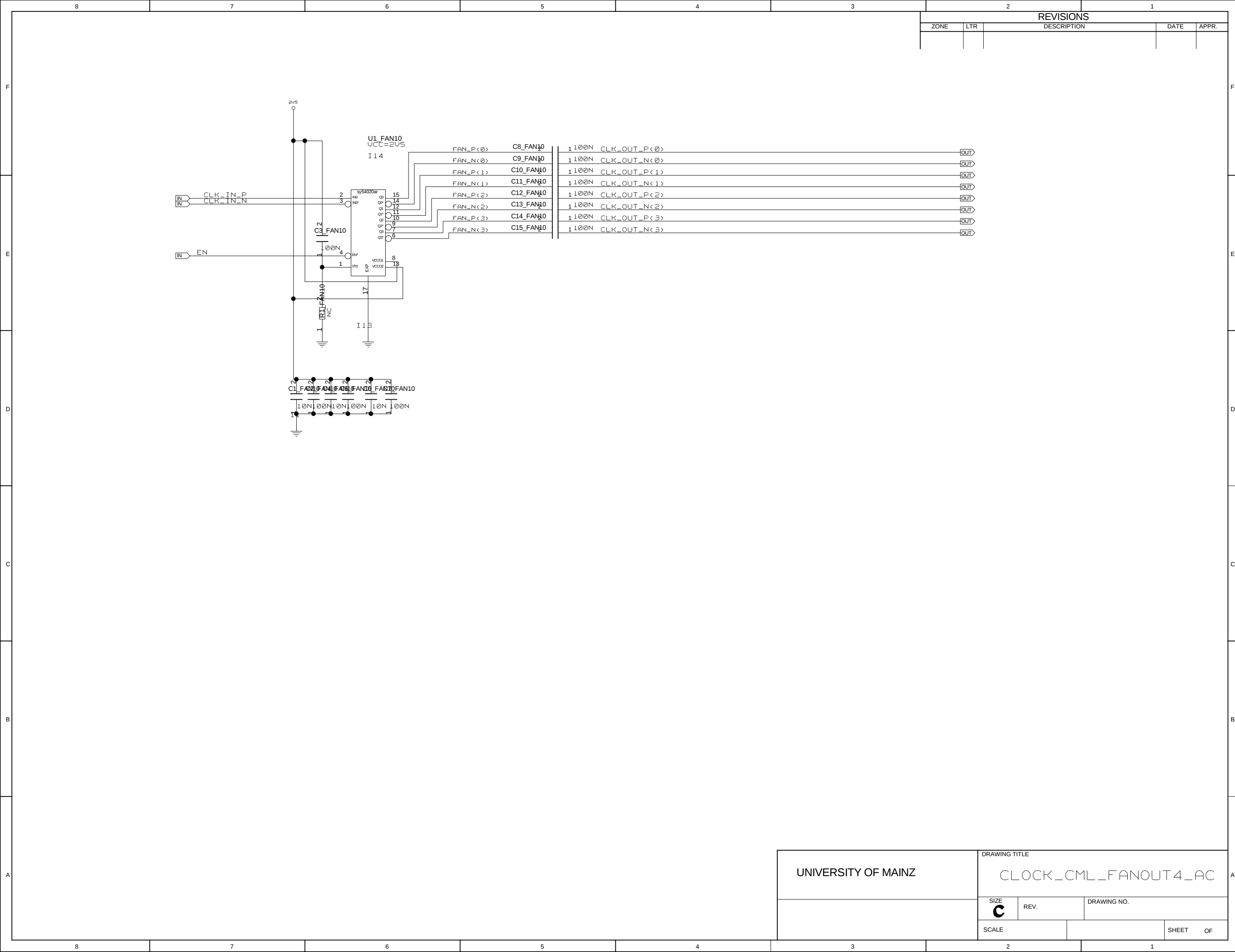
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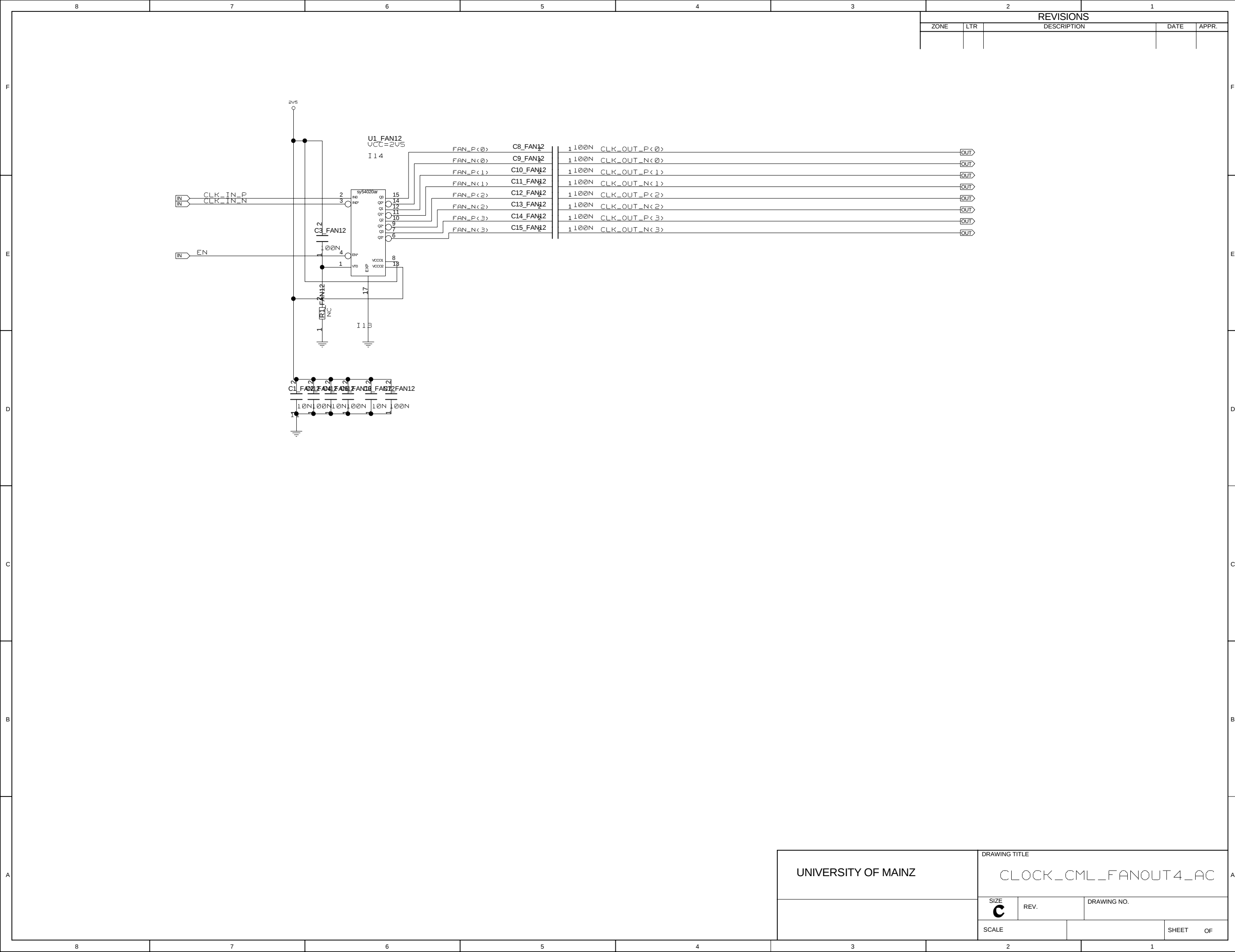
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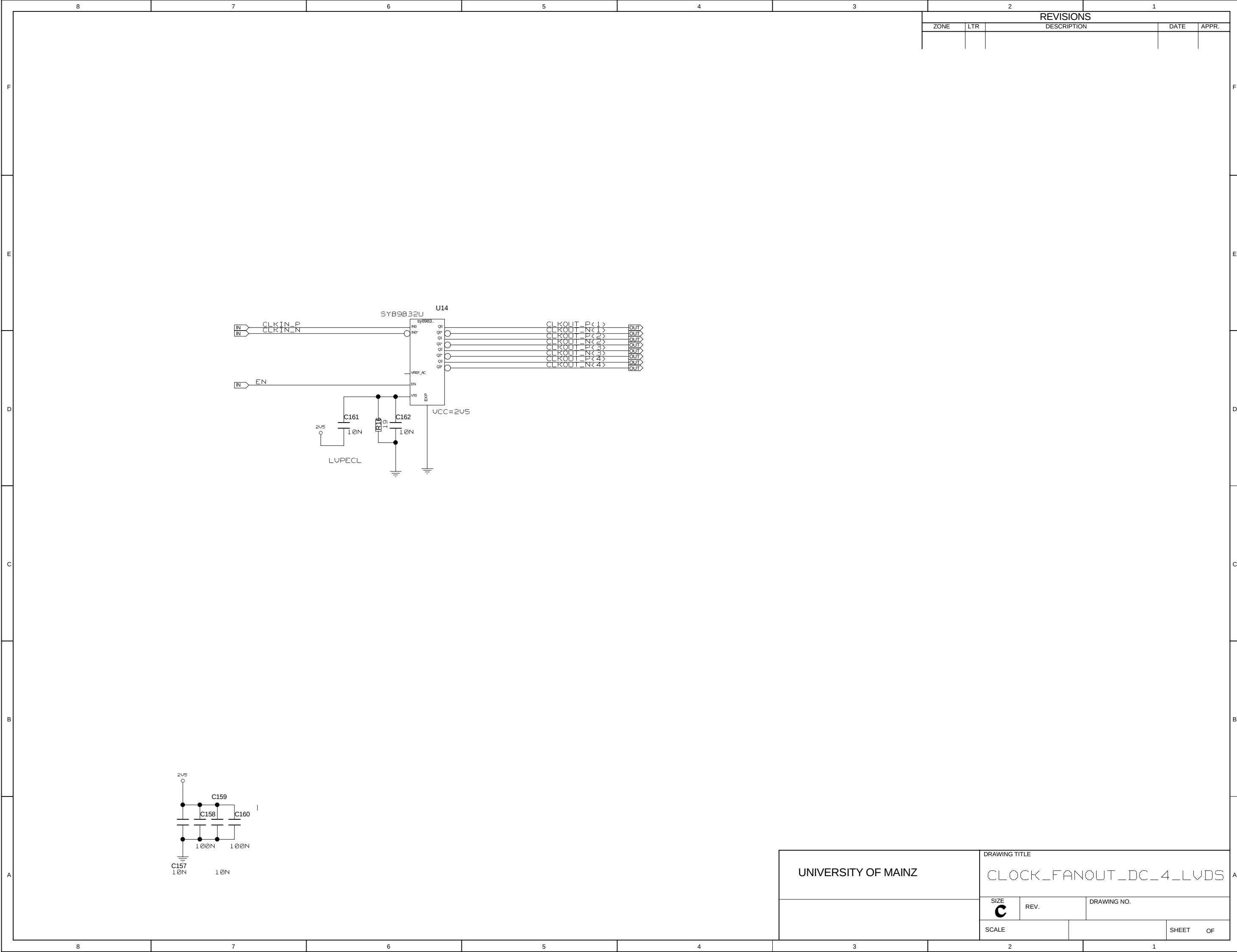
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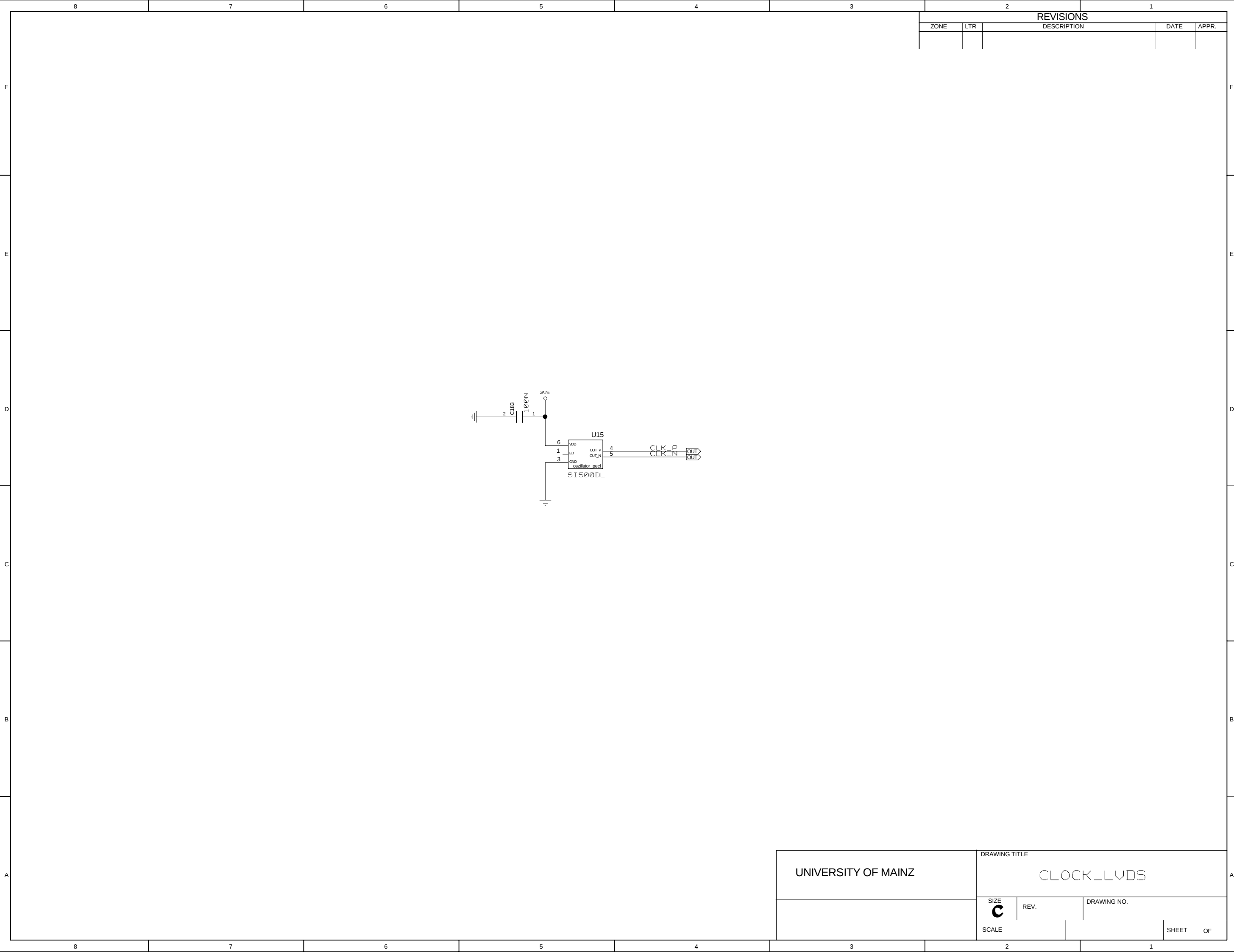
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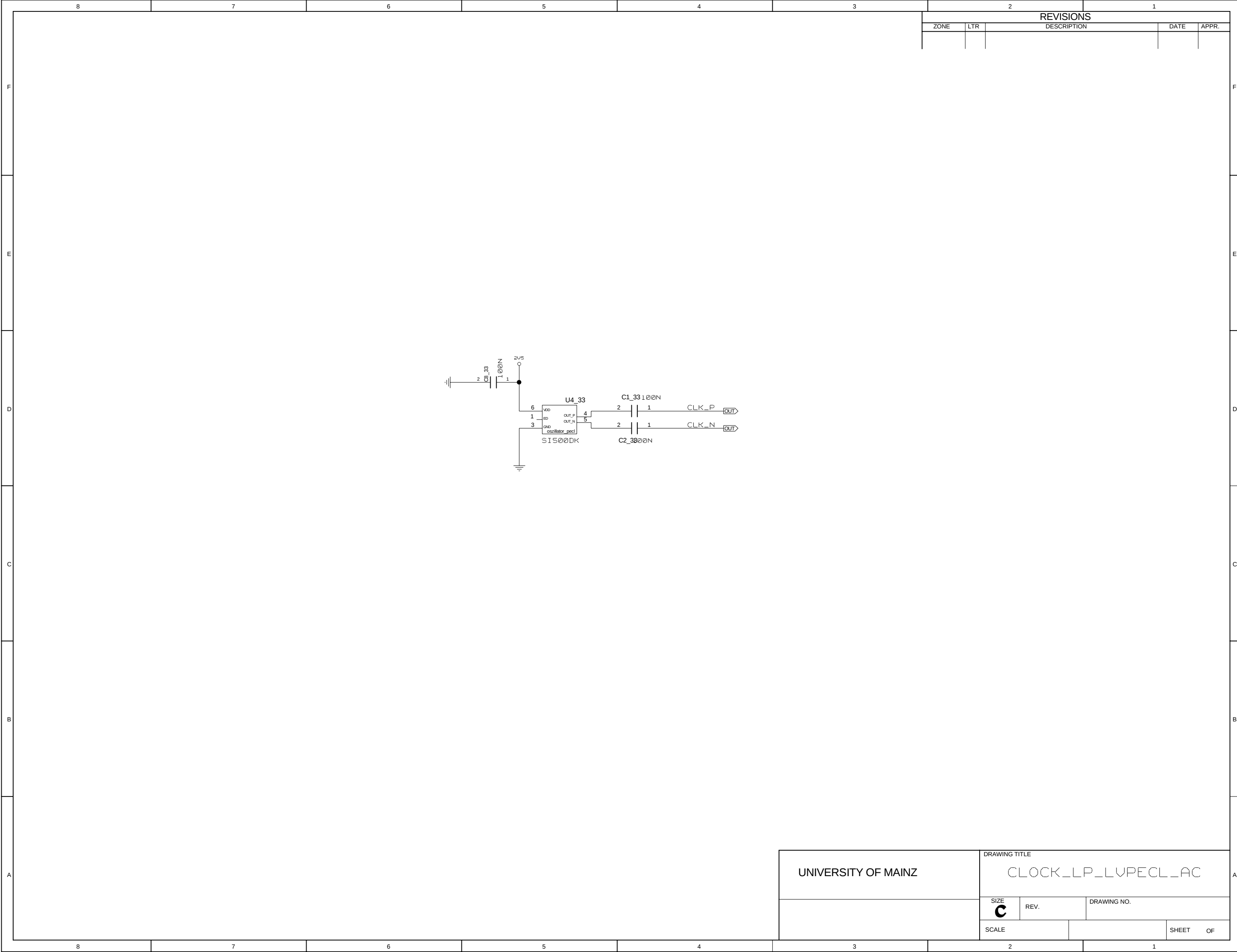
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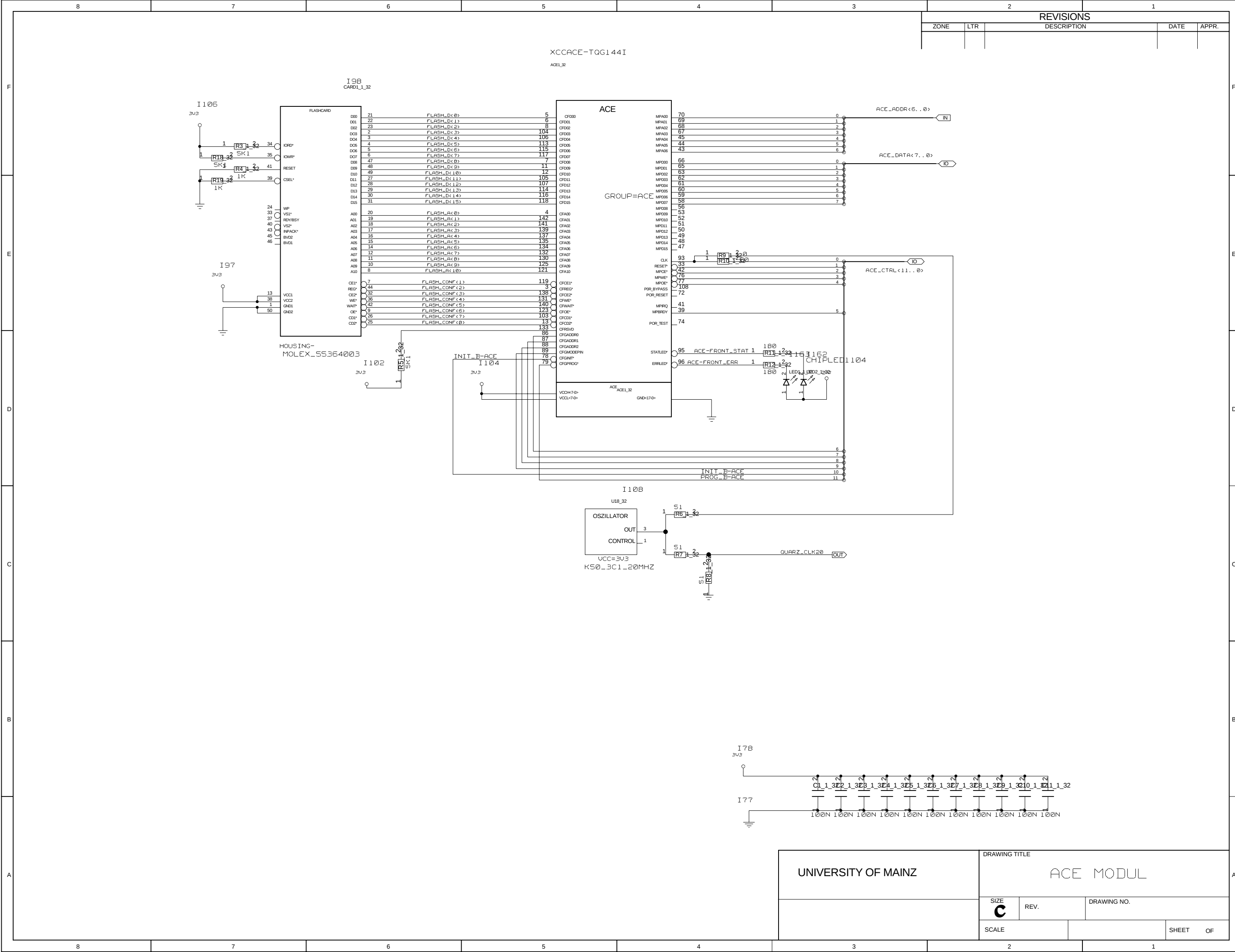
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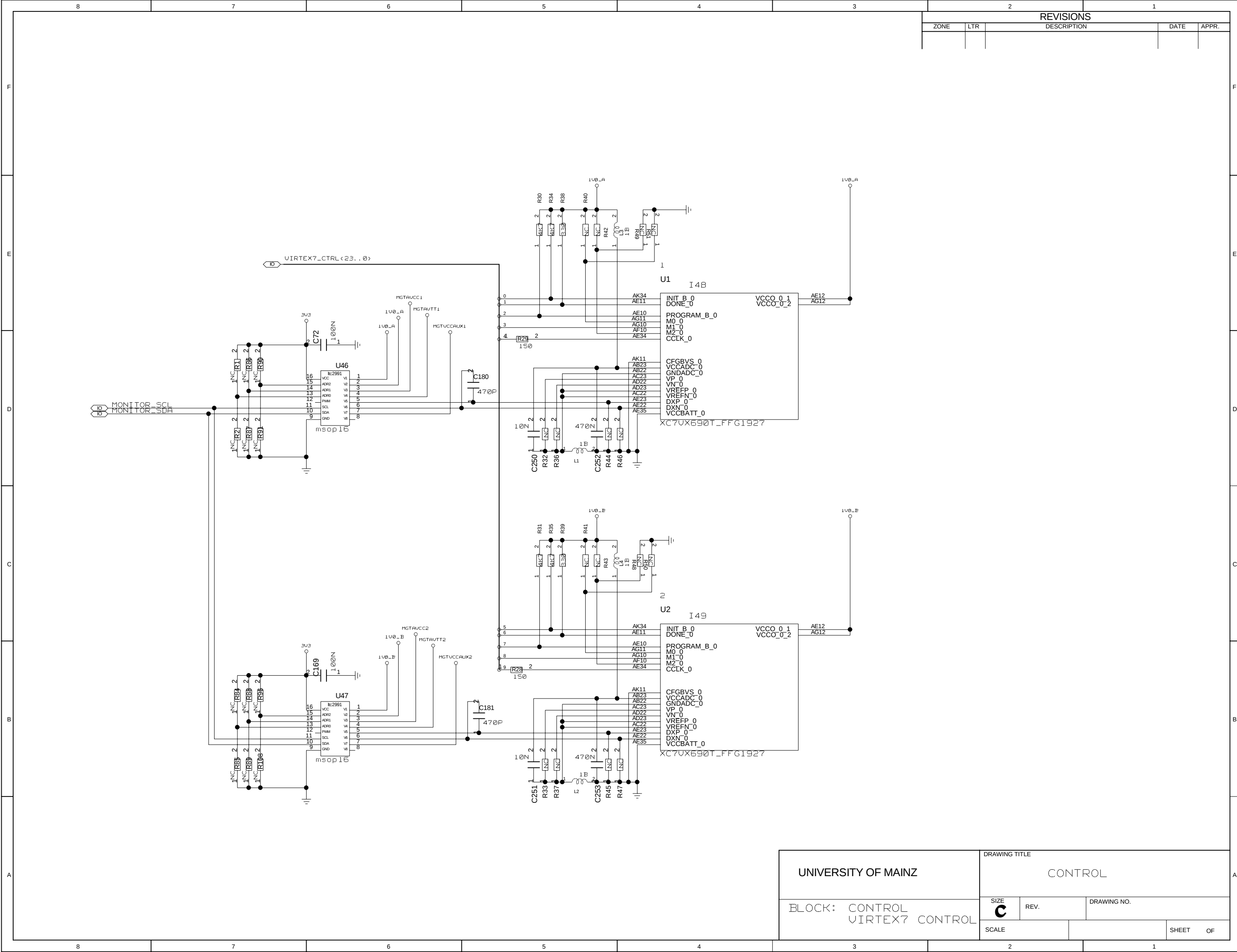
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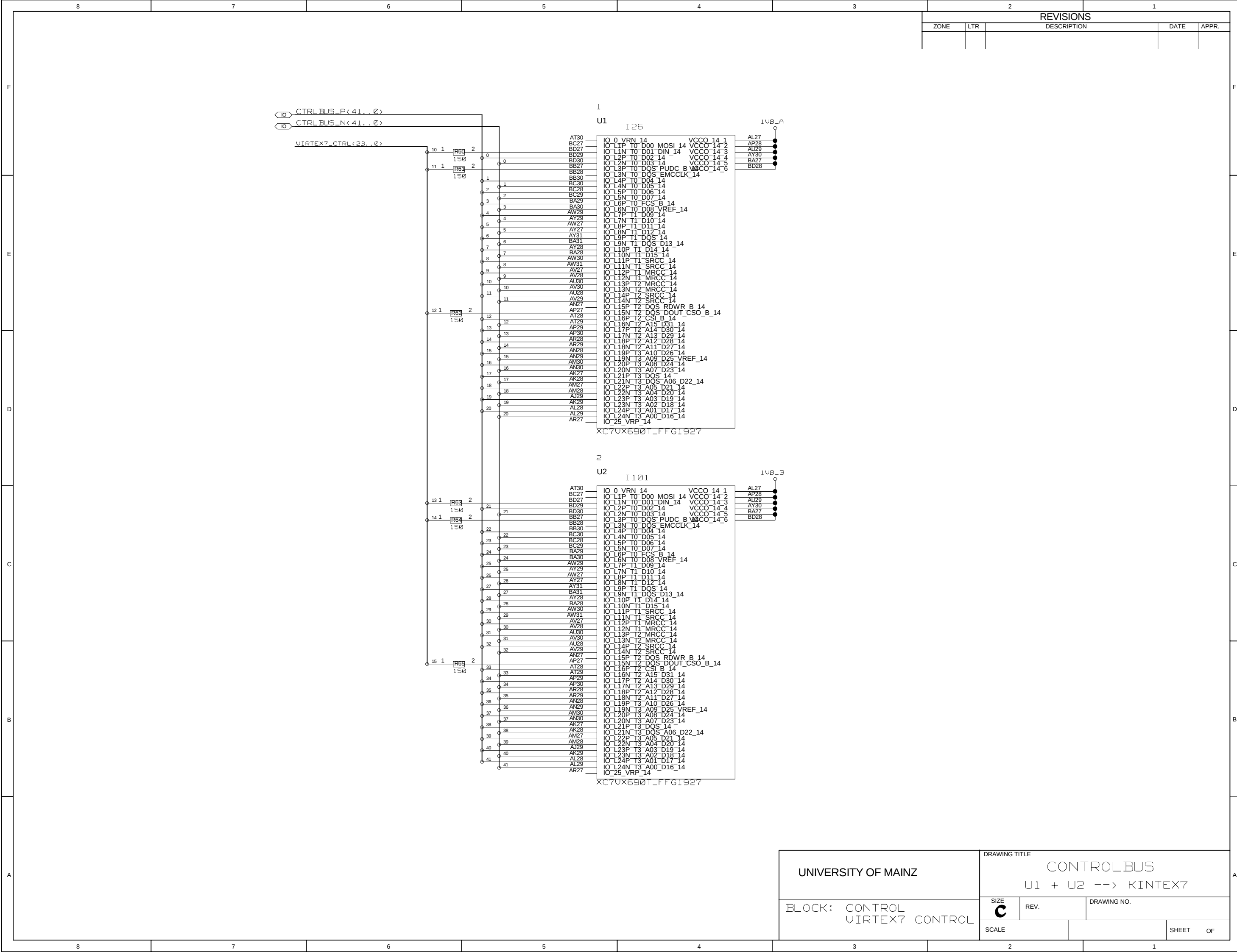
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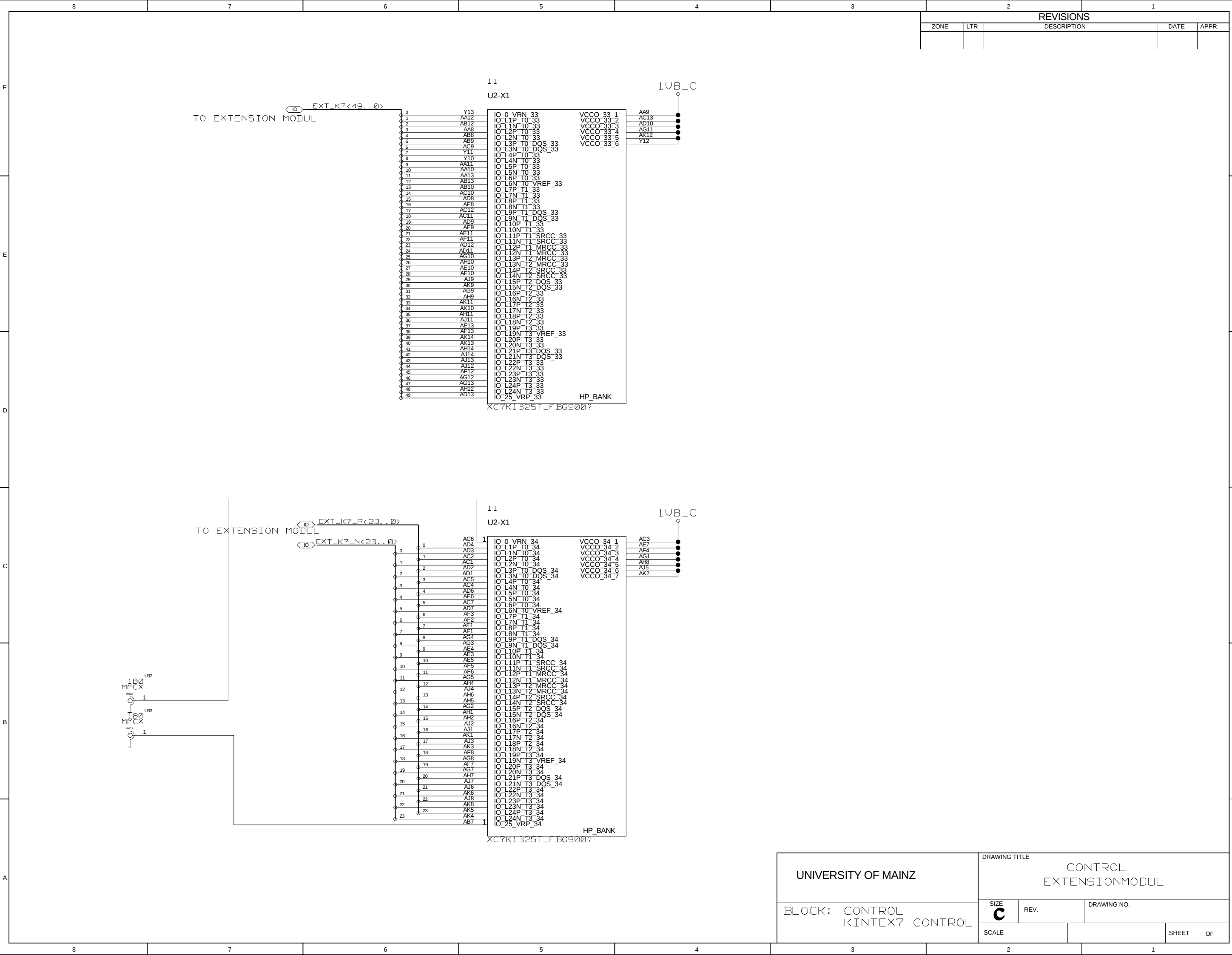












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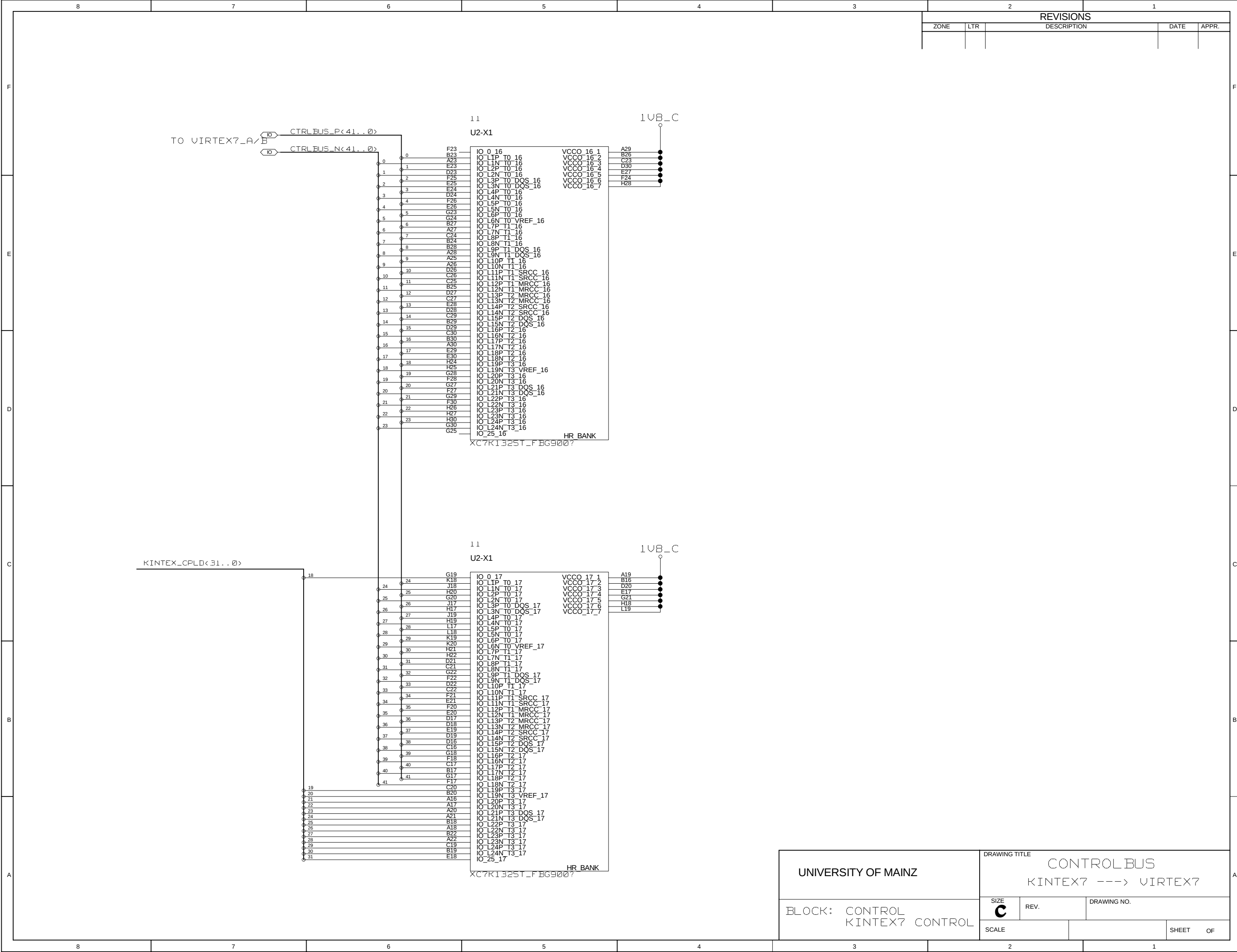
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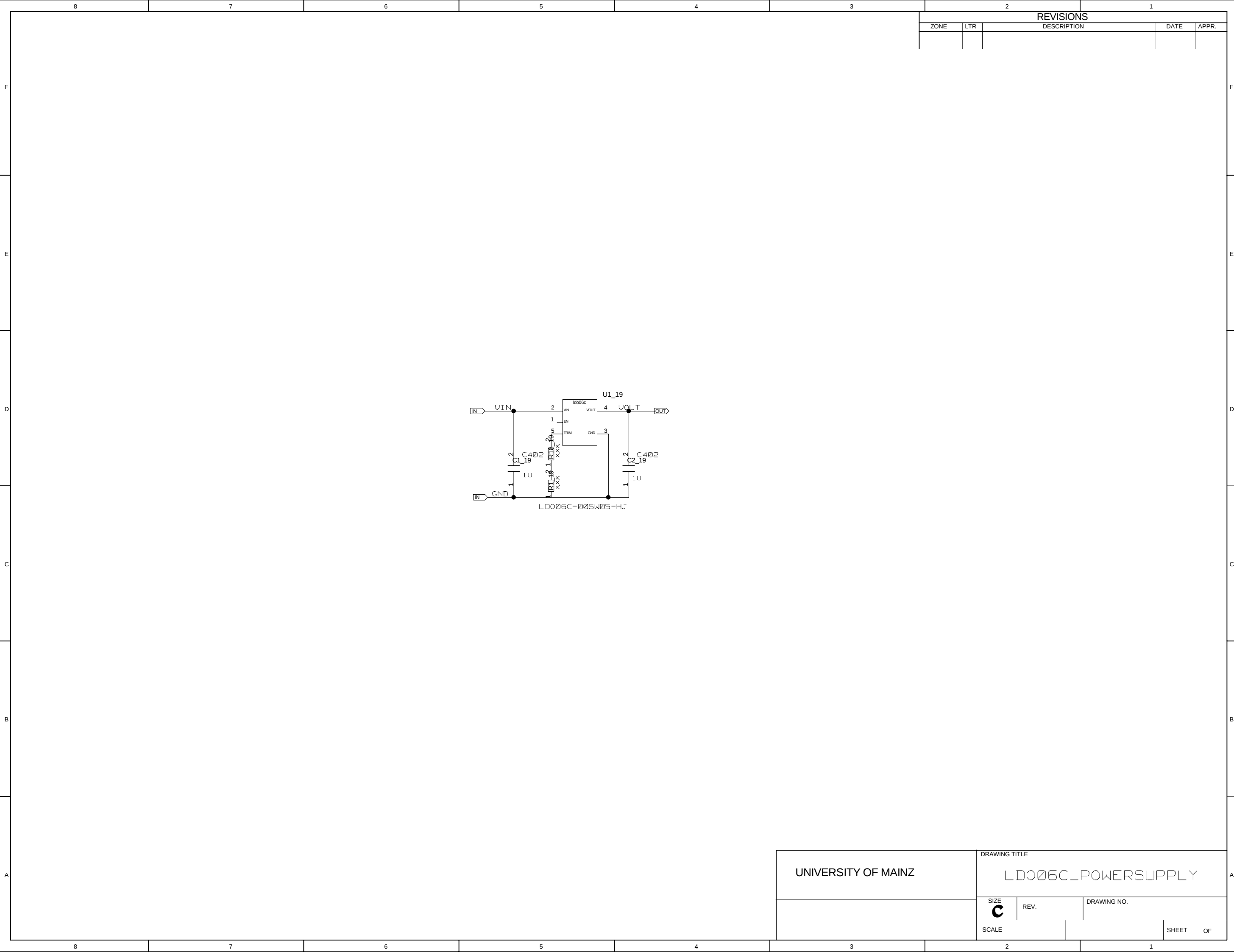
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