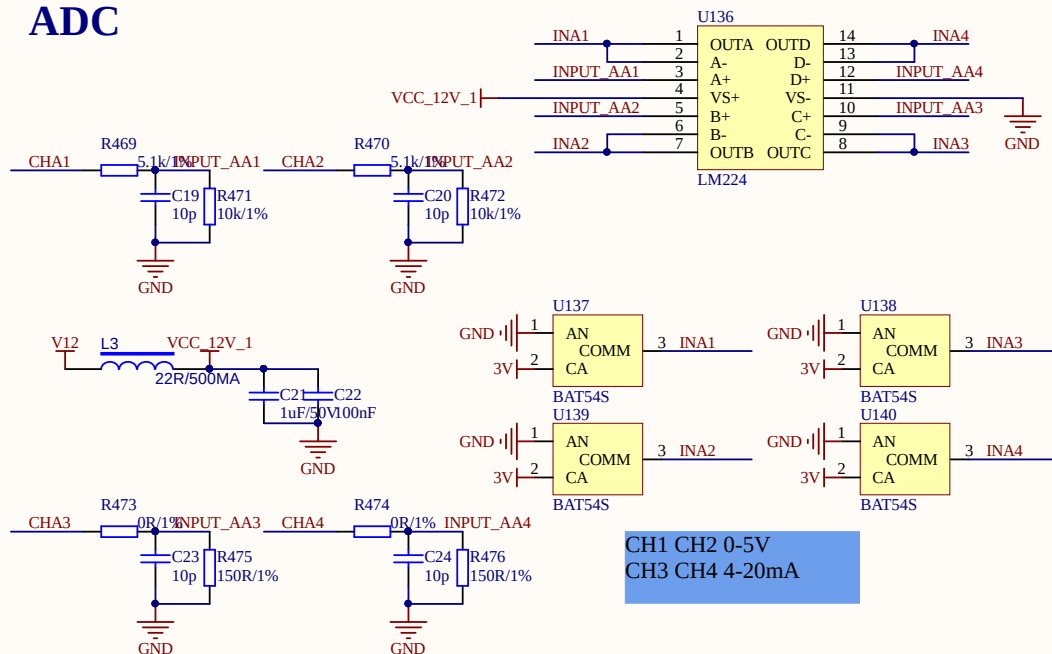
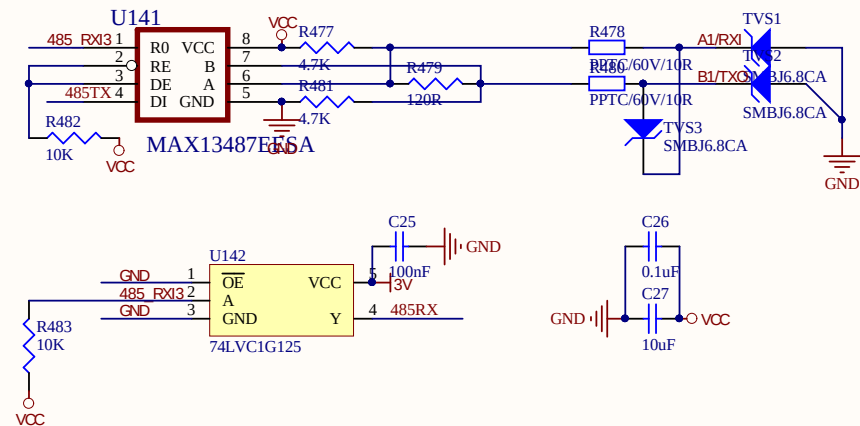


ADC



CH1 CH2 0-5V
CH3 CH4 4-20mA

RS485



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4

A

A

B

B

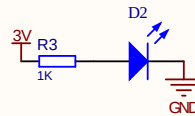
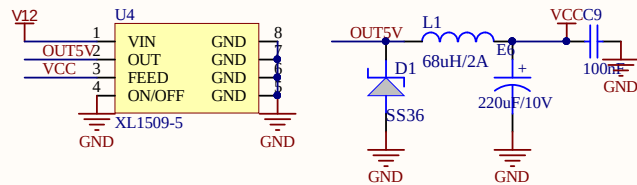
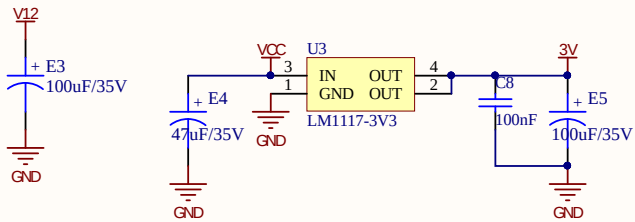
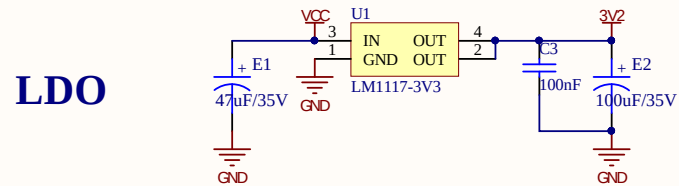
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C

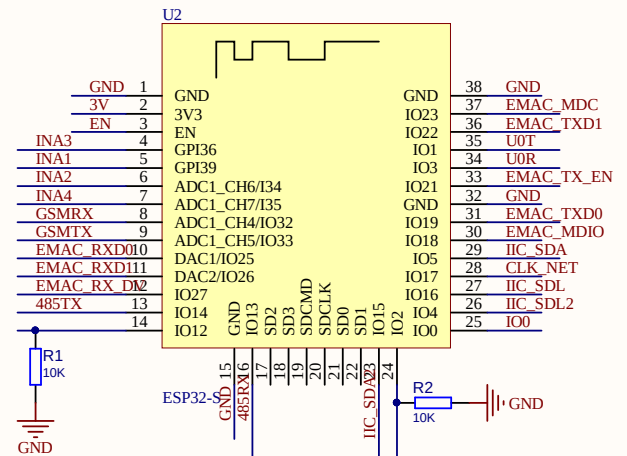
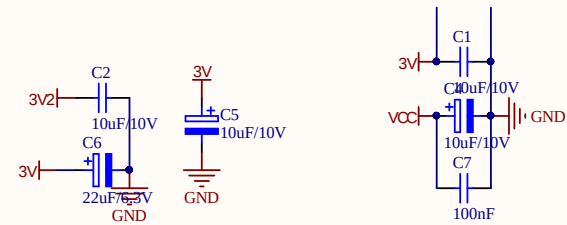
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LDO



ESP32



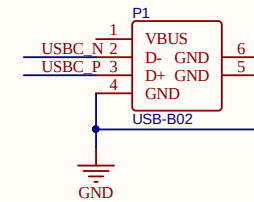
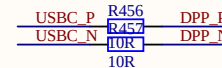
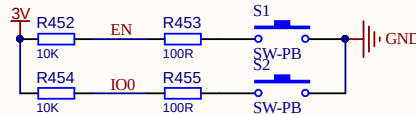
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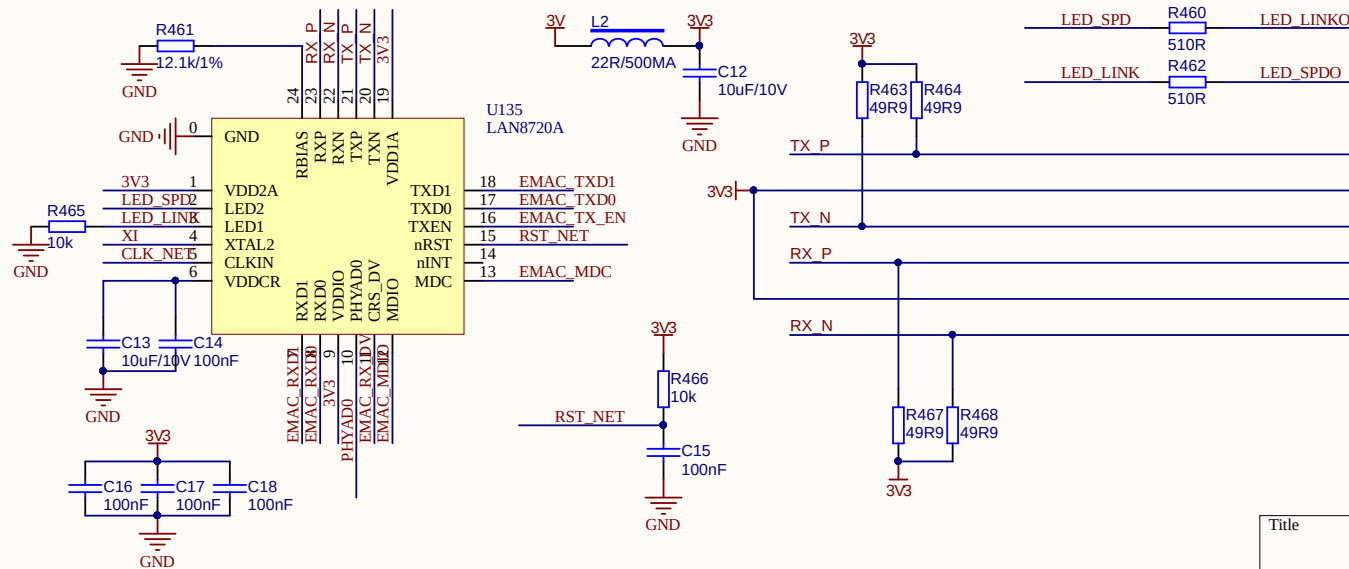
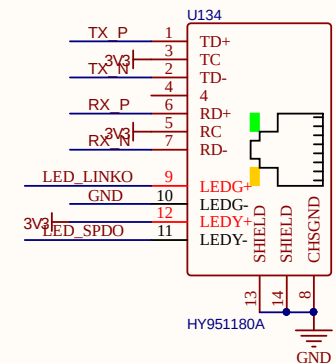
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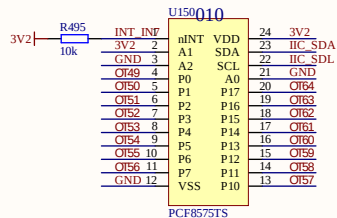
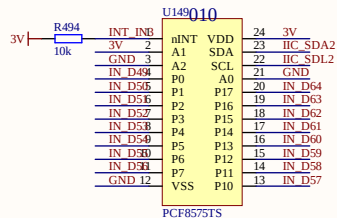
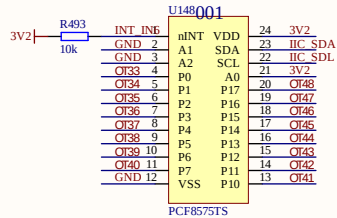
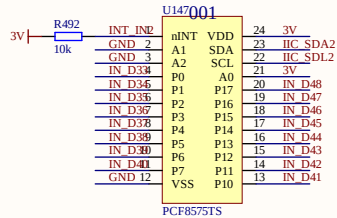
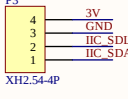
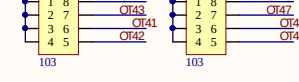
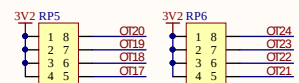
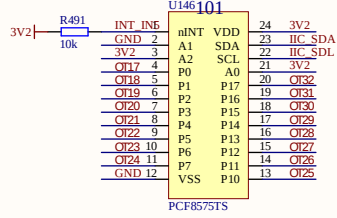
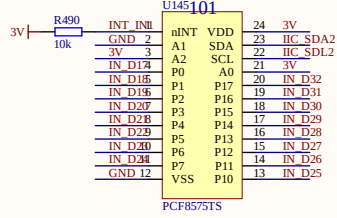
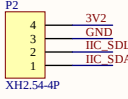
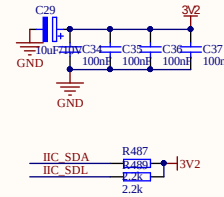
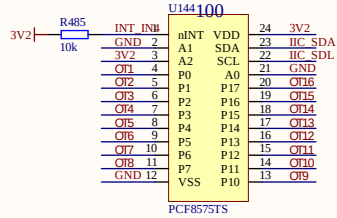
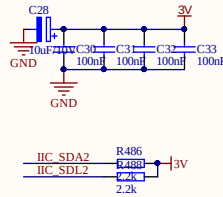
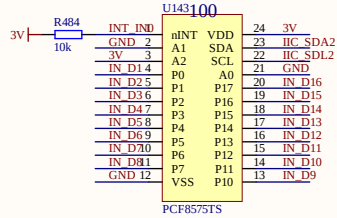


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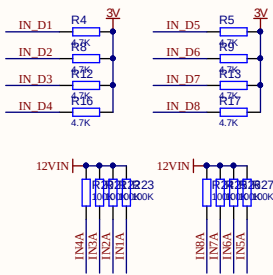
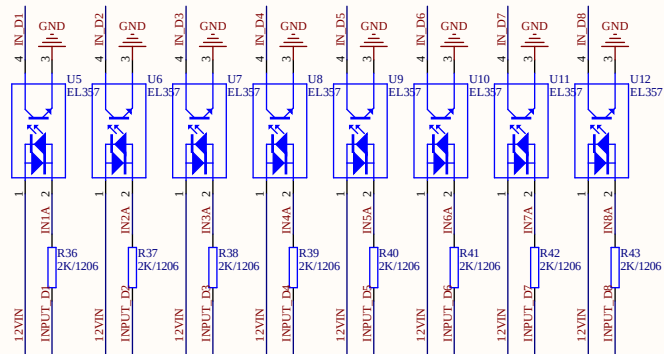


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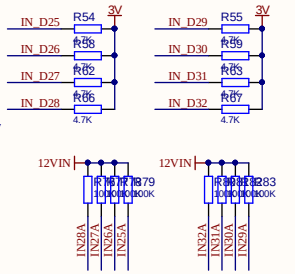
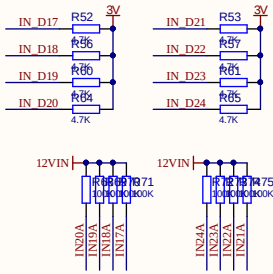
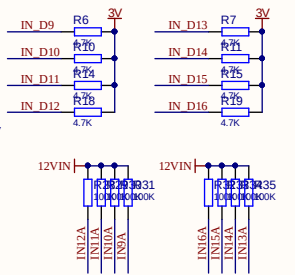
PCF8575TS



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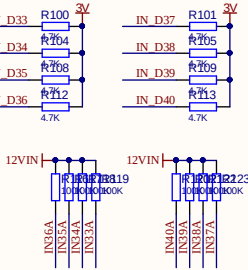
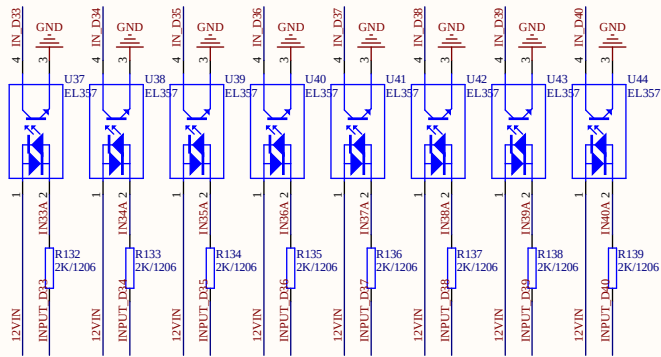


The schematic diagram illustrates a 12V input signal conditioning circuit. It features 16 identical stages, each processing a 12V input signal. Each stage includes a 12VIN input, a 1N99A diode, a 2K/1206 resistor (R44-R51), and a 1N10A diode. The output of each stage is labeled from U13 to U20, EL357.

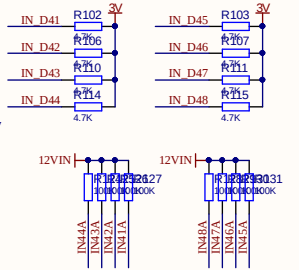
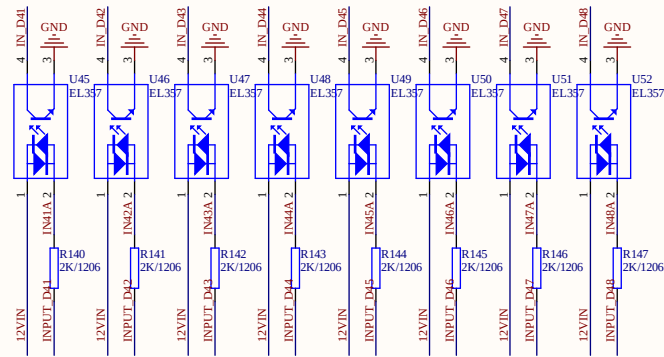


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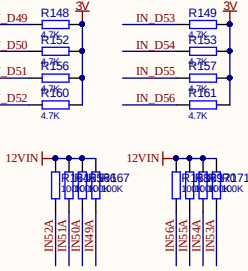
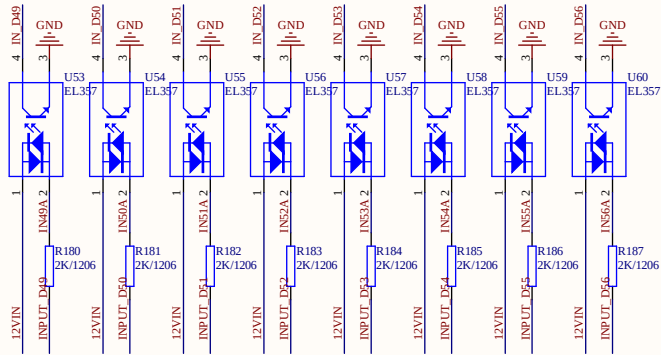
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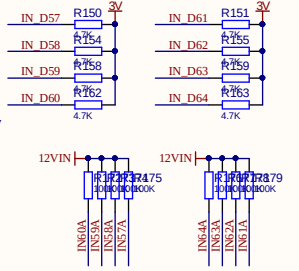
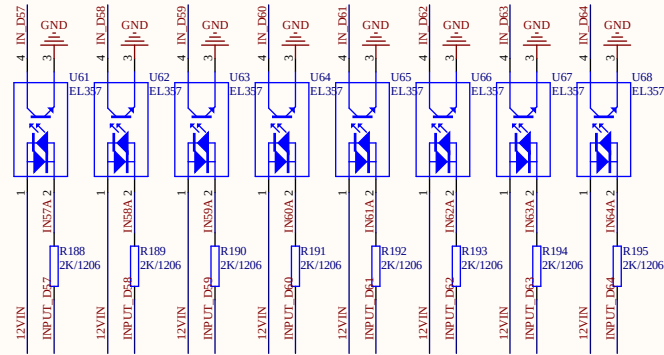
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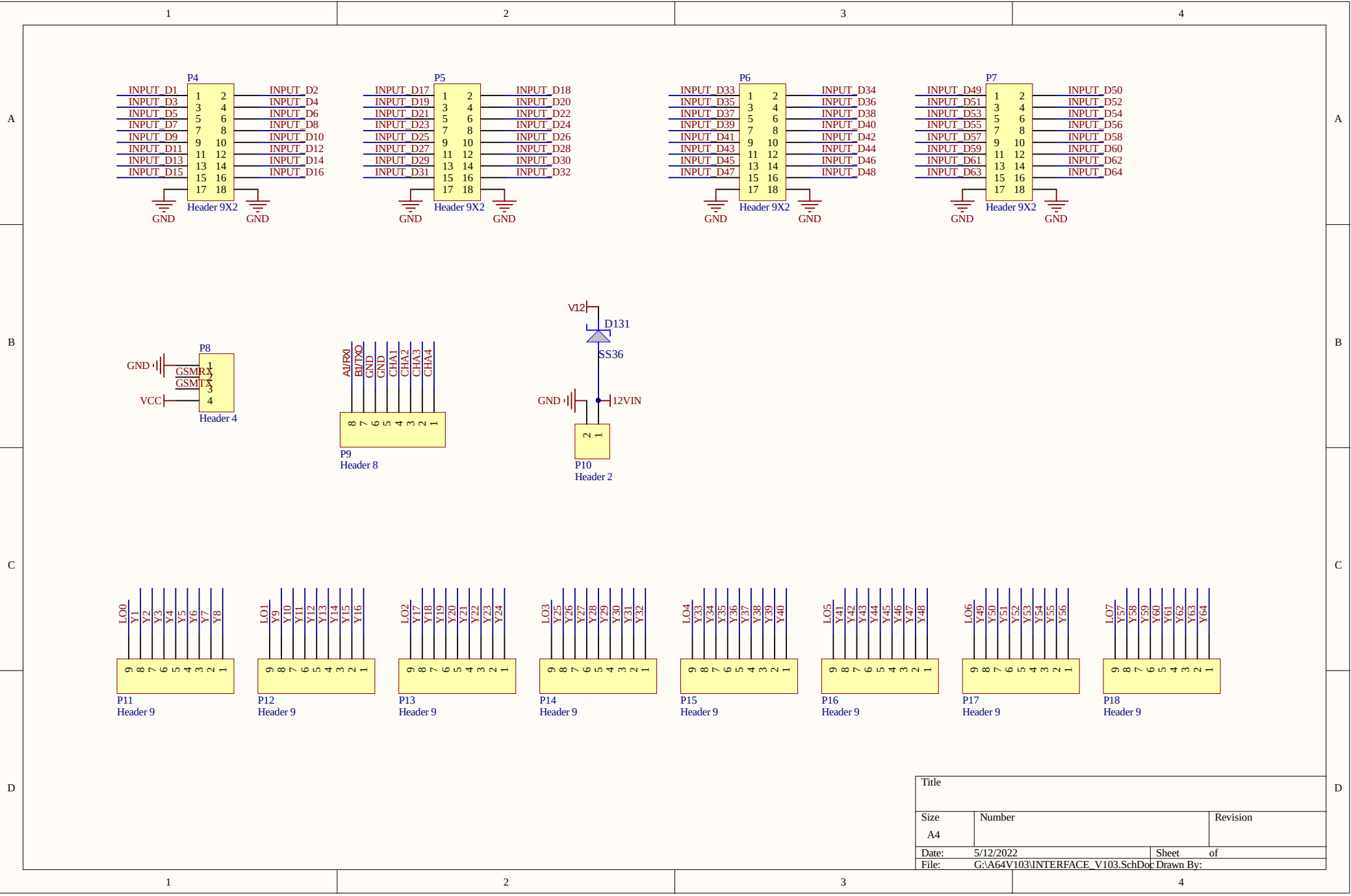
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INPUT8

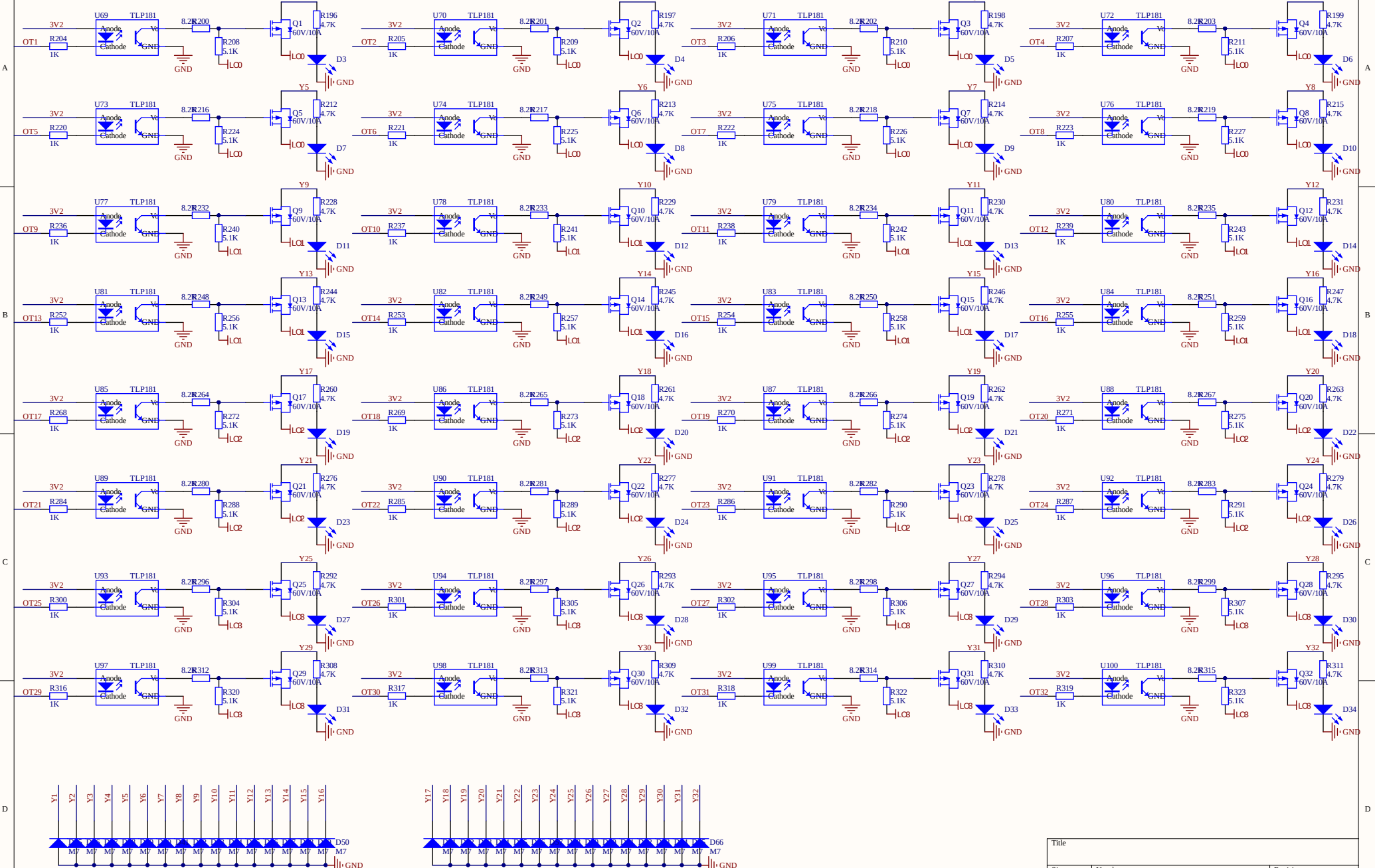


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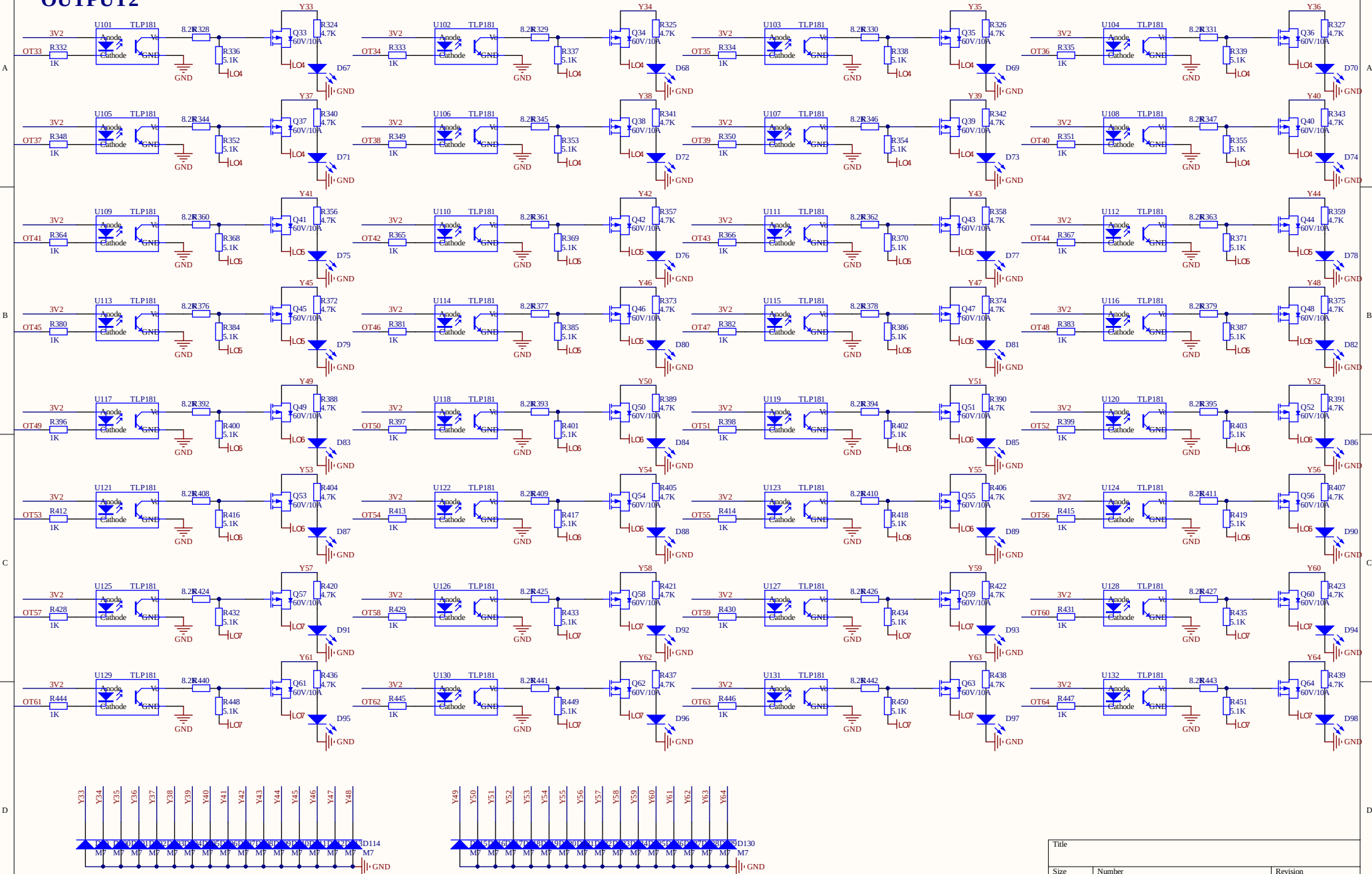
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OUTPUT1



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OUTPUT2



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