



AC Input
AC_Input.sch

AC Current Sensor
AC_Current_Sensor.sch

AC Output
AC_Output.sch

POS12 Power Supply

 POS12_Power_Supply.sch

POS3P3 Power Supply

 POS3P3_Power_Supply.sch

Microcontroller
Microcontroller.sch

Microcontroller Programming
Microcontroller_Programming.sch

Sensor Signal Conditioning

Sensor_Signal_Conditioning.sch

USB UART Bridge
USB_UART_Bridge.sch

USB UART Isolation
USB_UART_Isolation.sch

OLED Display
OLED_Display.sch

Mechanical
Mechanical.sch

Zero Cross Detect
Zero_Cross_Detect.sch

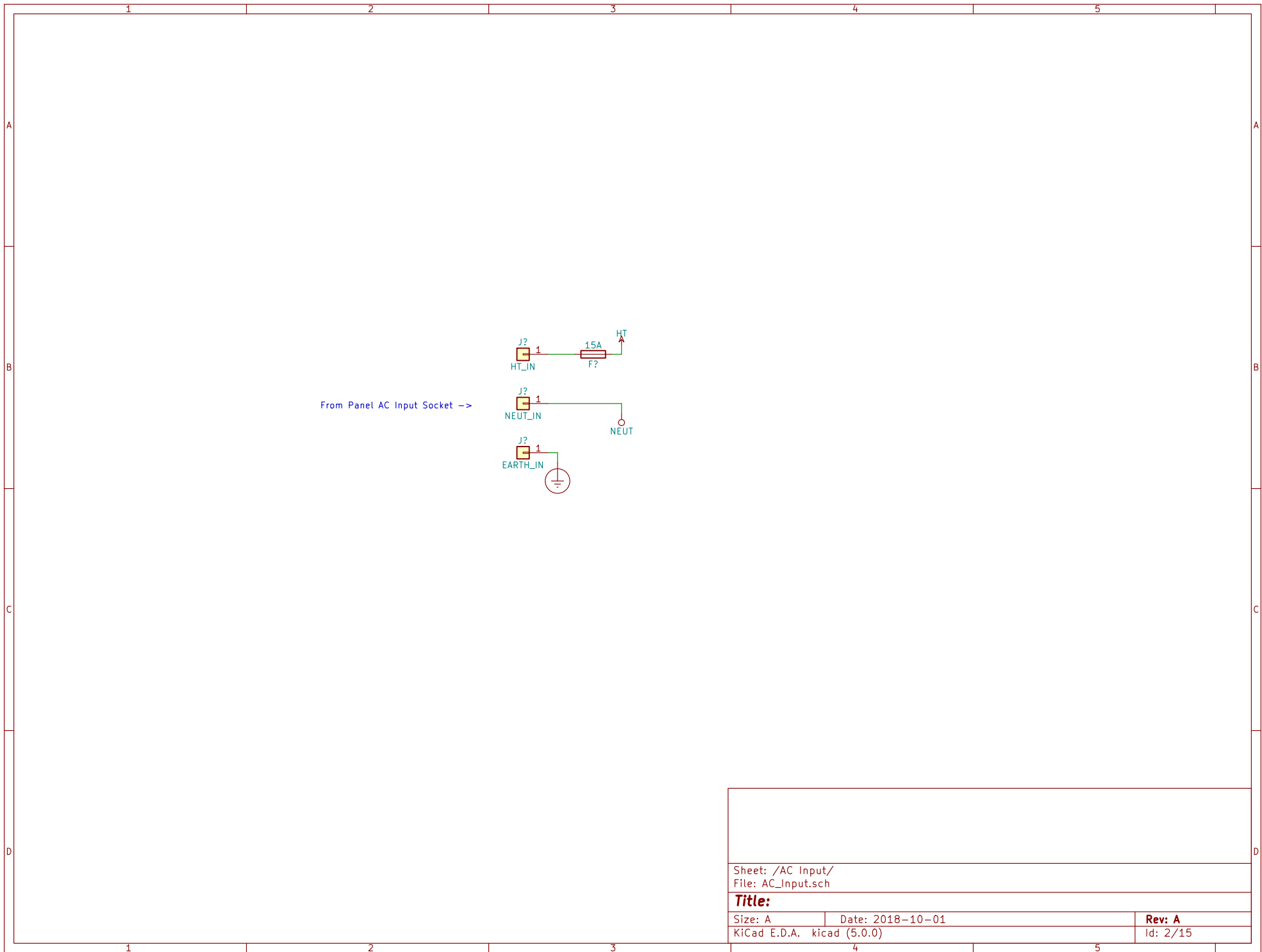
Output Switch
Output_Switch.sch

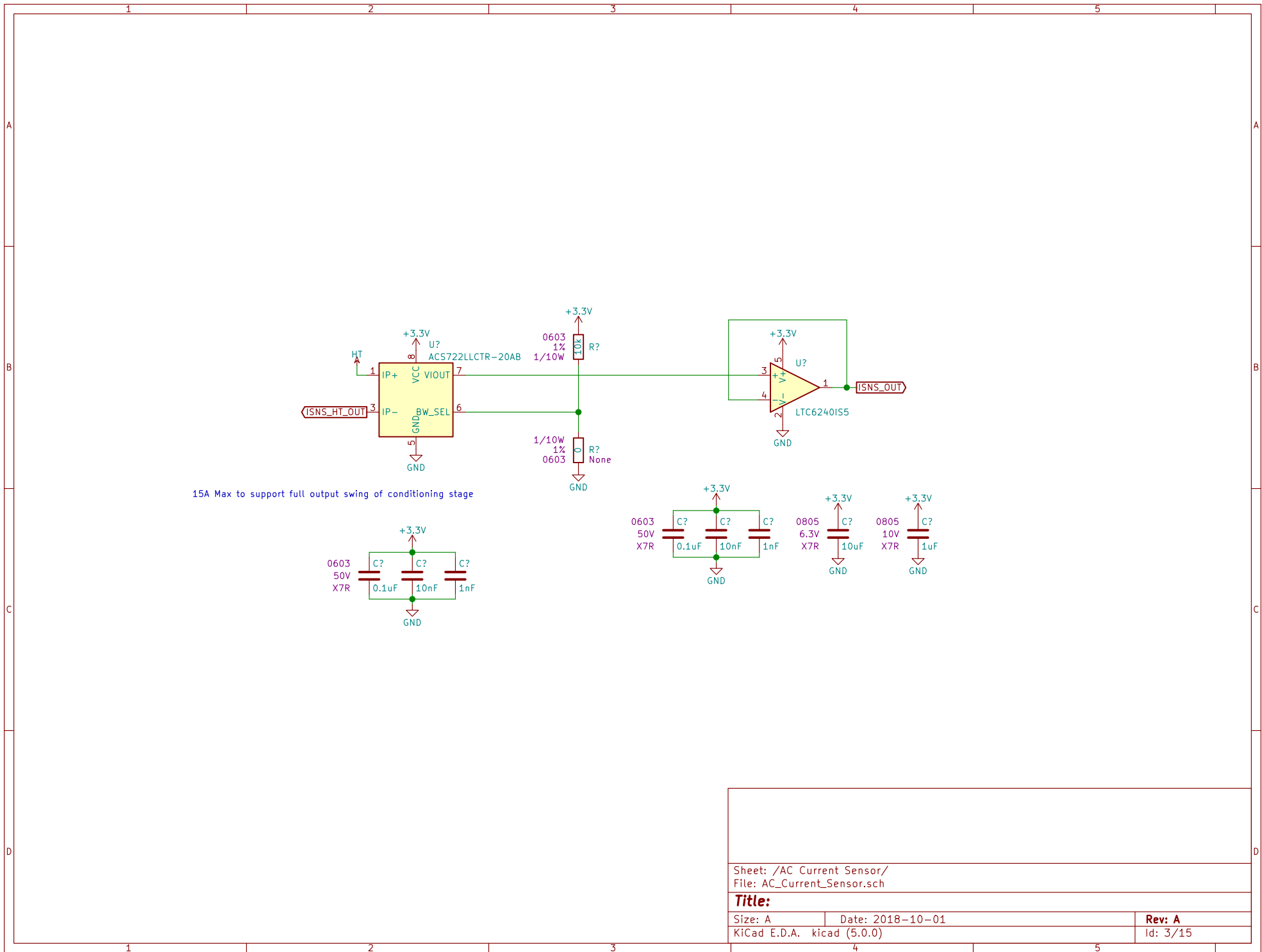
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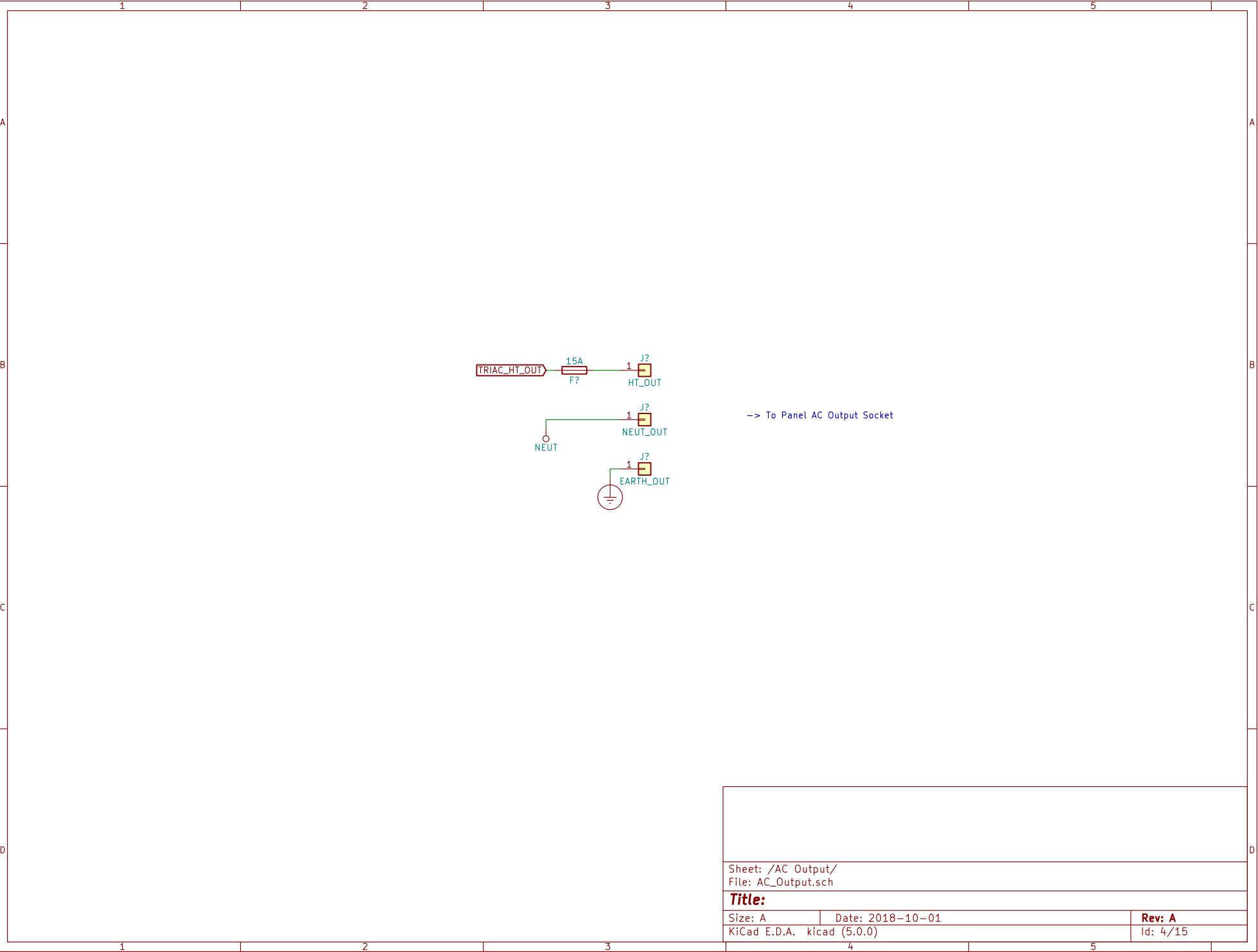
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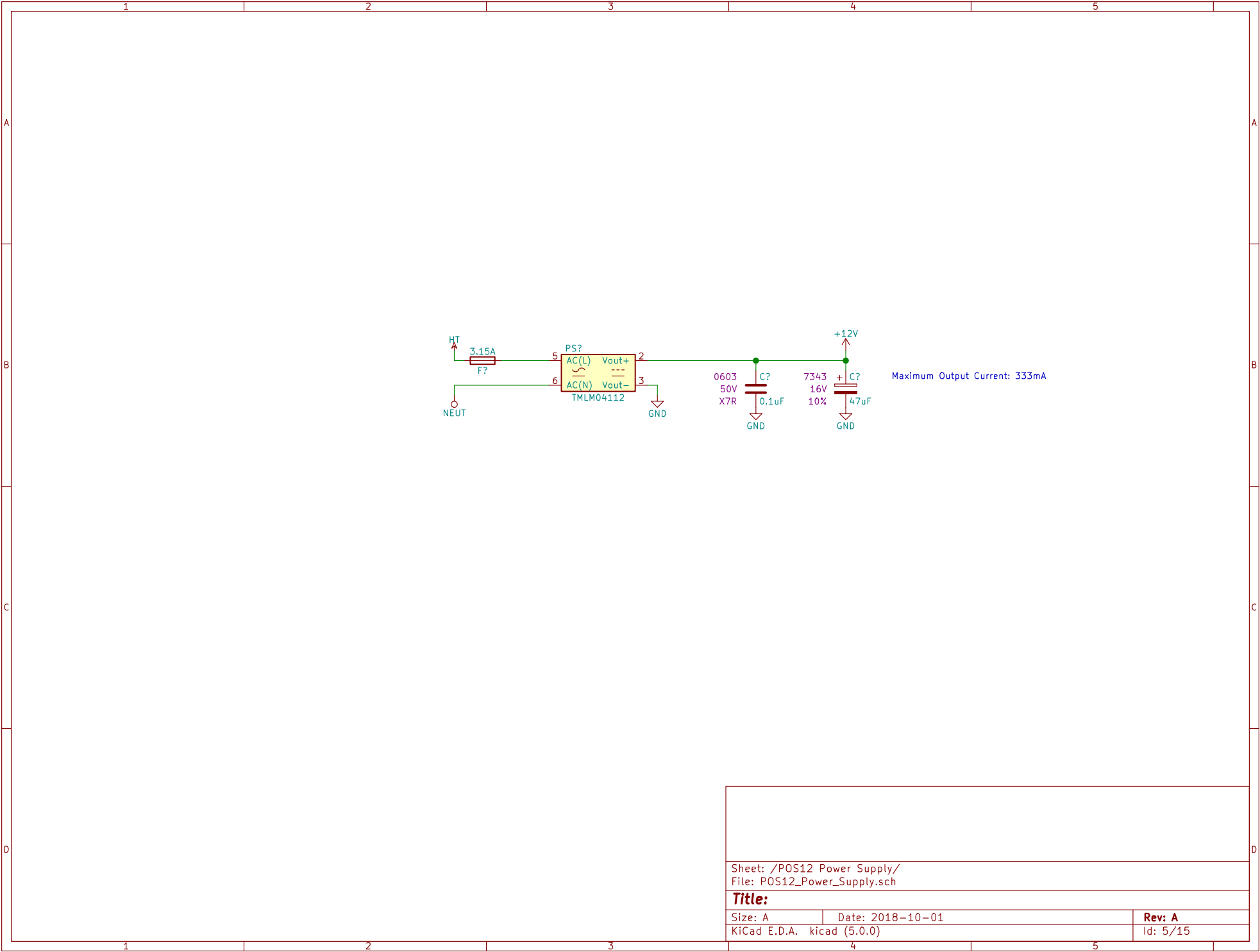
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Rev: A
Id: 1/15









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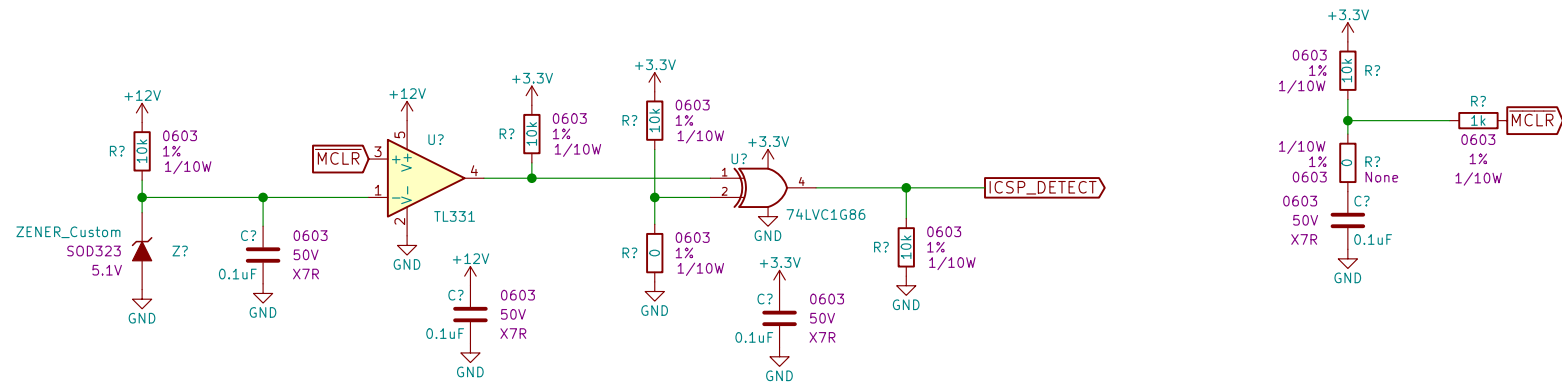
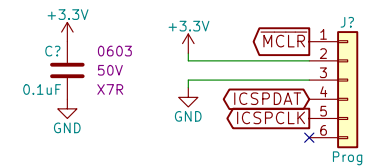
Rev: A
Id: 7/15

Programming Header/ICSP Detection

The schematic shows a circuit for detecting the presence of a microcontroller via a 6-pin programming header (J?). The circuit includes a +12V input, a 5.1V Zener diode, a TL331 op-amp, a 74LVC1G86 NAND gate, and a +3.3V output. The header pins are labeled: 1 (MCLR), 2 (ICSPDAT), 3 (ICSPCLK), 4 (Prog), 5 (ICSPDAT), and 6 (ICSPCLK). The circuit is titled "Programming Header/ICSP Detection".

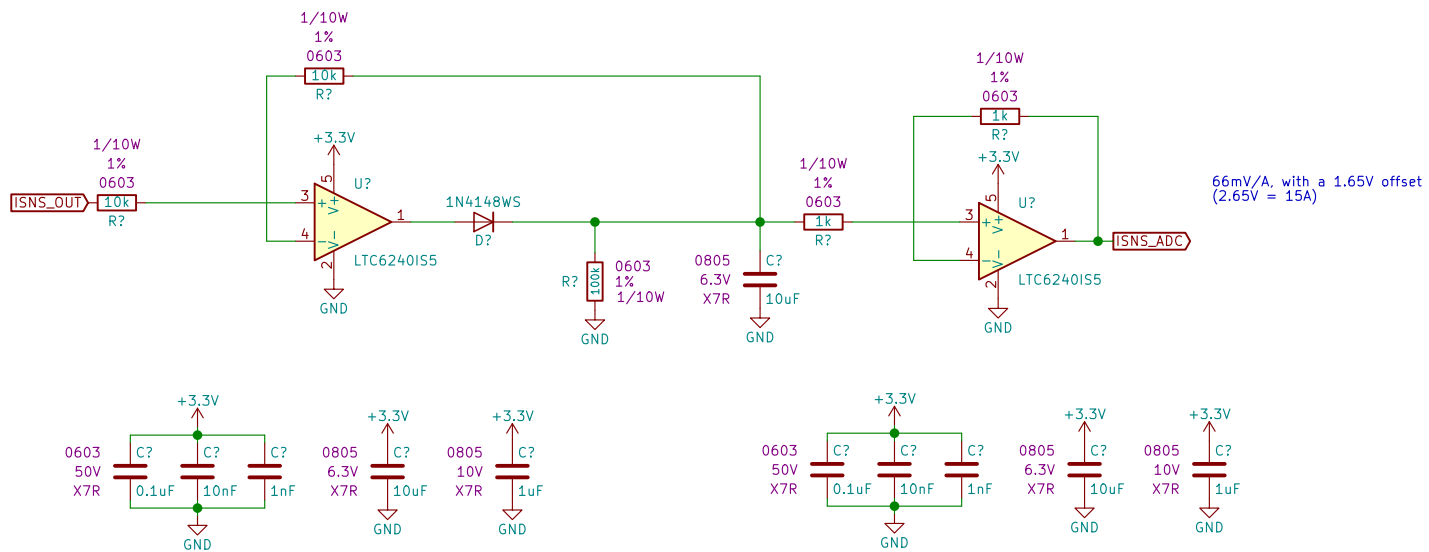
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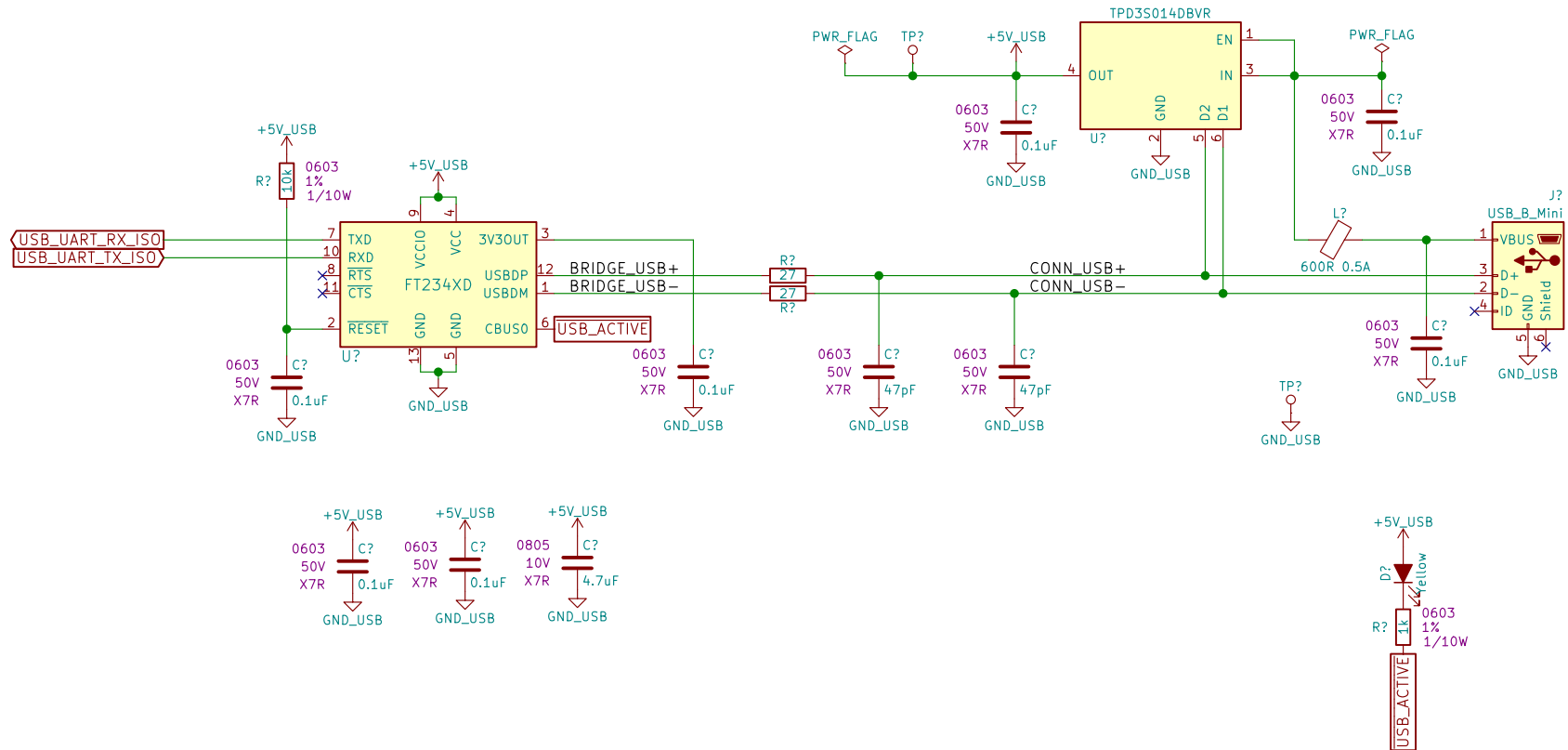
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Rev: A
Id: 9/15

UART to USB Bridge



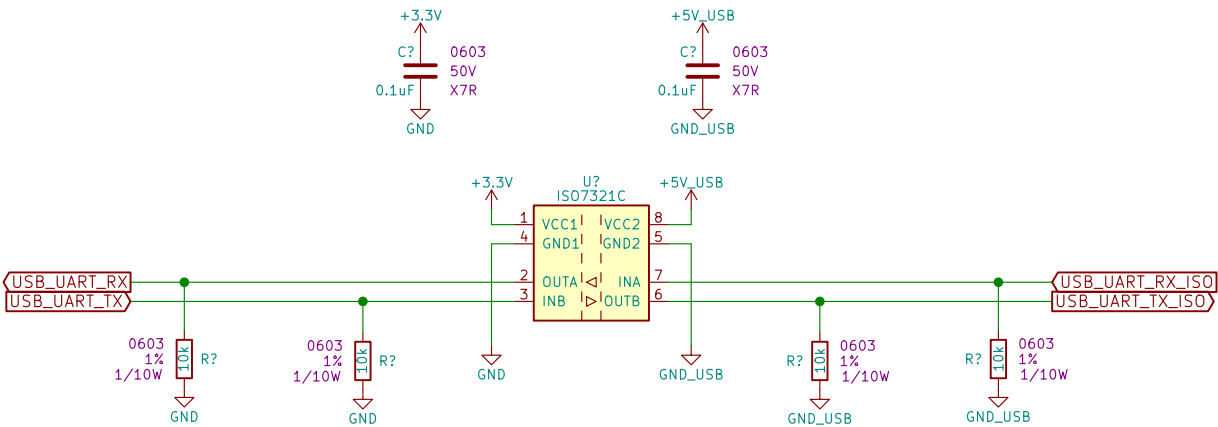
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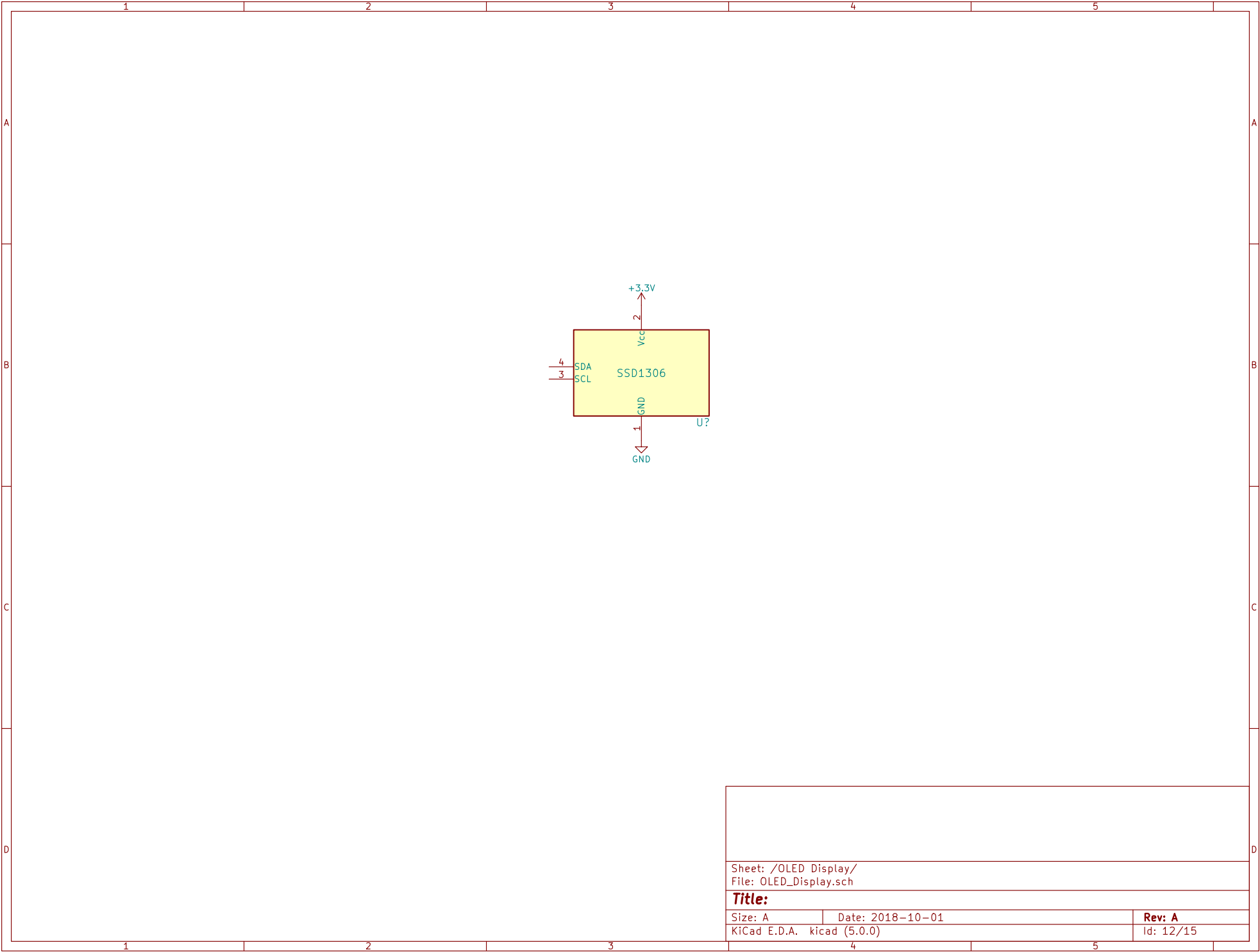
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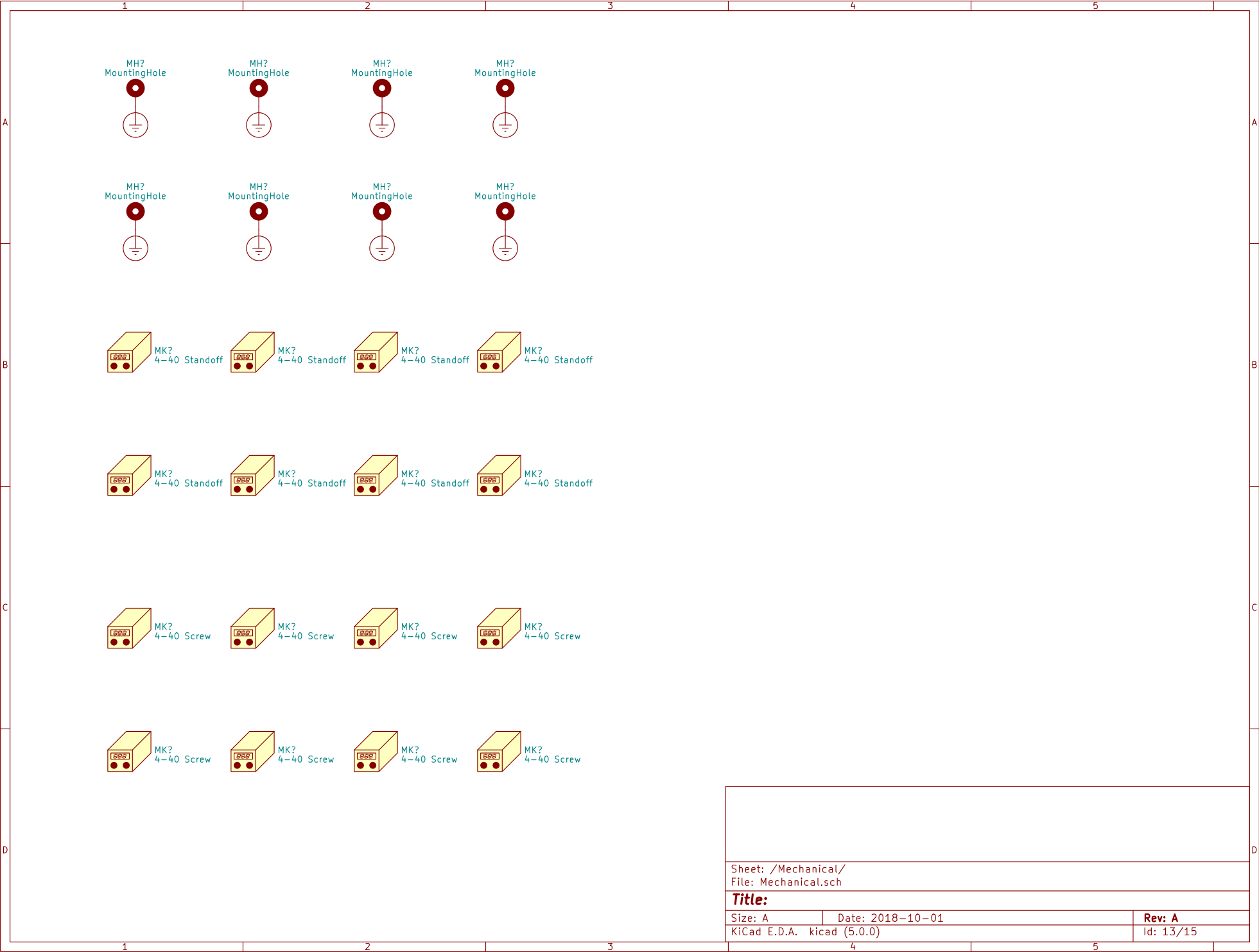
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Id: 10/15

USB UART Isolation



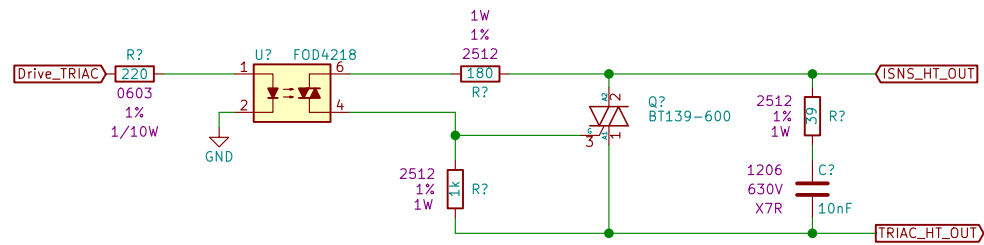


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Sheet: /Mechanical/ File: Mechanical.sch		
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KiCad E.D.A. kicad (5.0.0)		Id: 13/15





Sheet: /Output Switch/
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