

PK2 of GPS_selector shall be weakly pulled down by the microcontroller.

Should GPS_selector stay logic high when the corresponding GPS module is unpowered (due to the input protection diode on its UART Rx pin), this pin can be configured as AIN18 – analog input

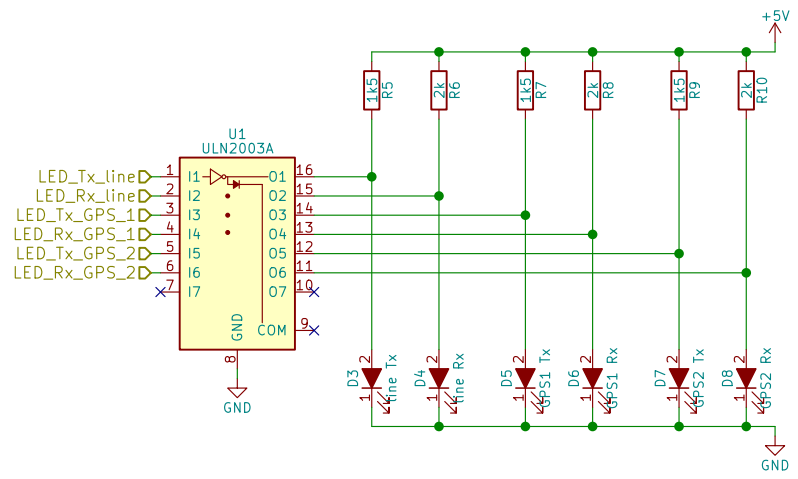
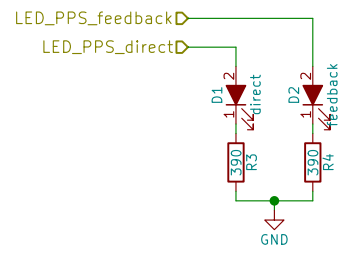
Sheet: /main connector/
File: main_connector.sch

Title:

Size: A4
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Date:

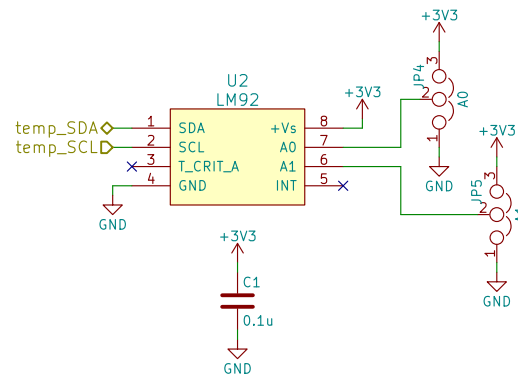
Rev:
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Sheet: /debugging LEDs/
File: debugging_LEDs.sch

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address set to 0x48 by deaful
(this is, when both are on GND)

Sheet: /temperature sensor/
File: temperature sensor.sch

Title:

Size: A4

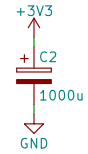
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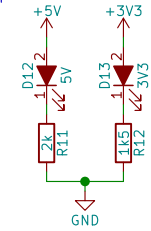
Rev:

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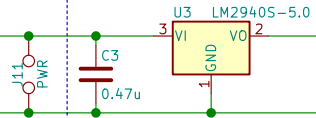
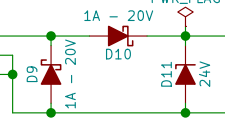
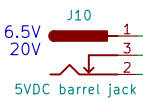
3V3 board-level-bypass



power indicator LEDs

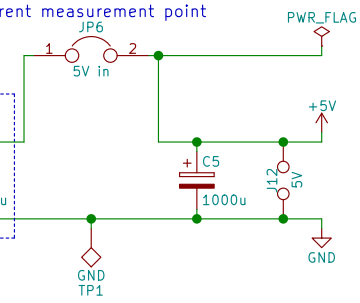


needs to be at least 6.5V
maximum 20V



minimum configuration

current measurement point



Sheet: /power supply/
File: power_supply.sch

Title:

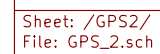
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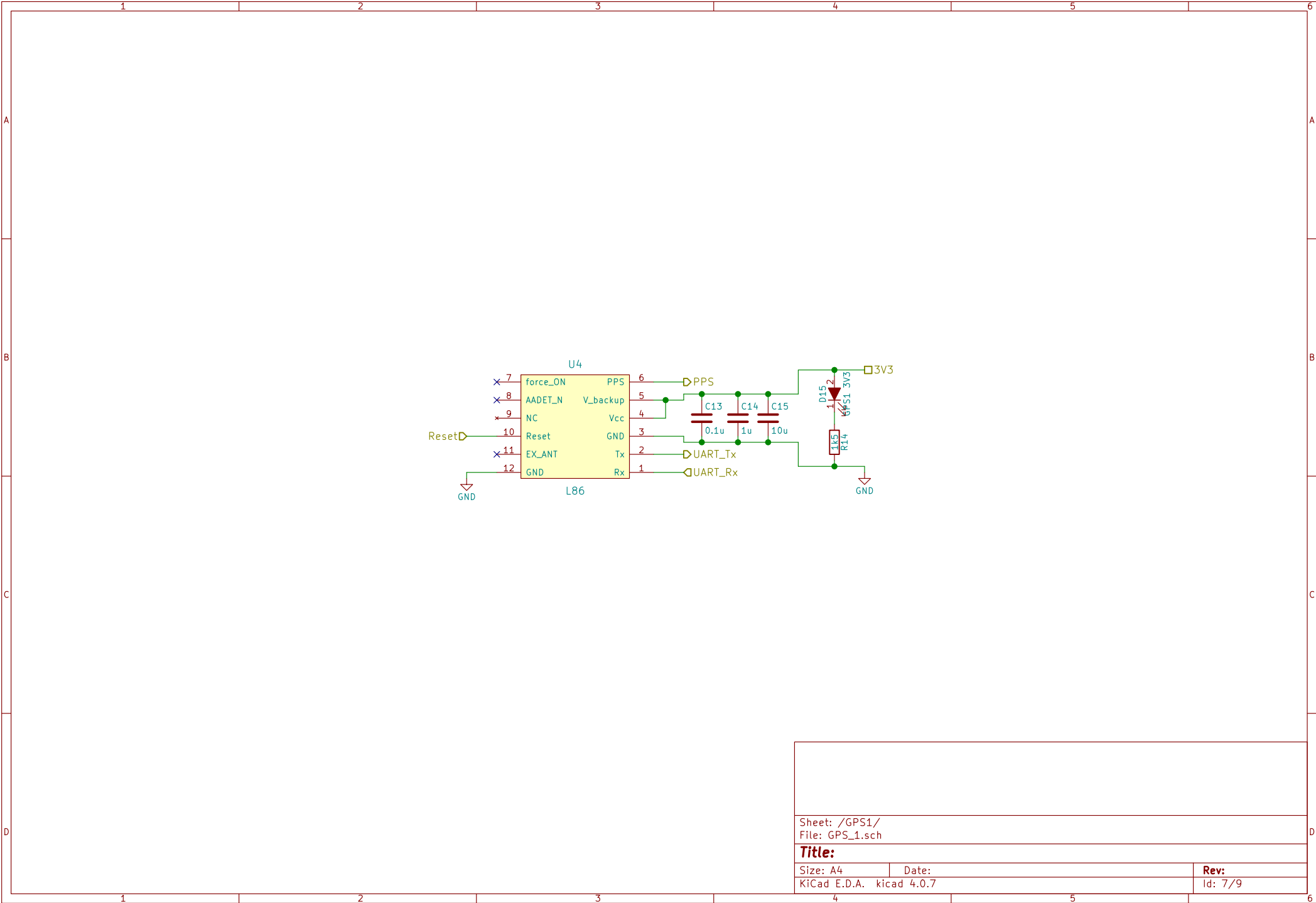
Rev:

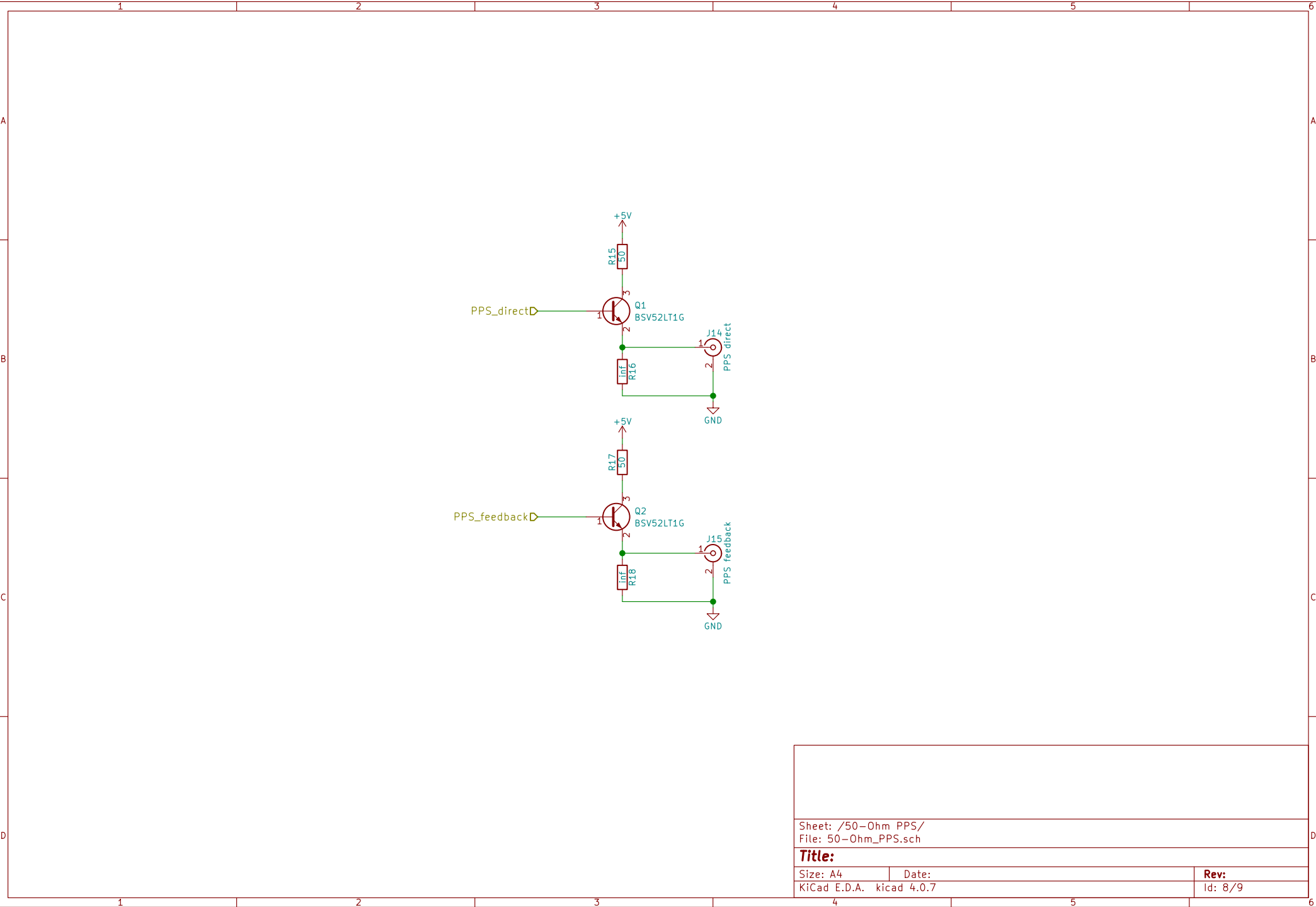
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Rev:
Id: 6/9

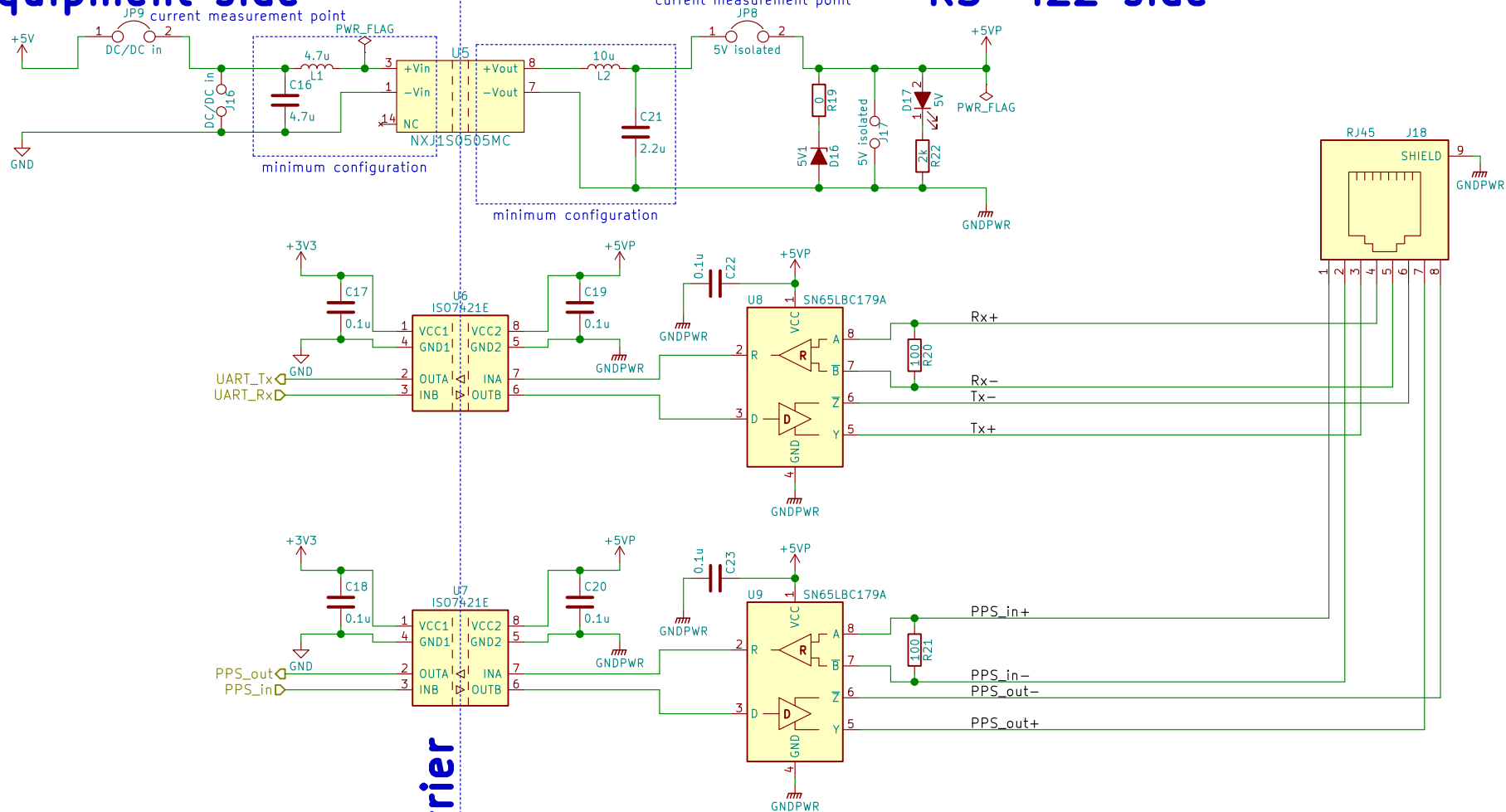




Sheet: /50-Ohm PPS/ File: 50-Ohm_PPS.sch		
Title:		
Size: A4	Date:	Rev:
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equipment side

RS-422 side



isolation barrier

Sheet: /RS-422 interface/
File: RS-422_interface.sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad 4.0.7

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