

Power Supply Communications Wind Sensor Temperature PT1000 Sensor

File: parameteo_hwrev_f_pwr.kicad_sch File: parameteo_hwrev_f_comms.kicad_sch File: parameteo_hwrev_f_wind.kicad_sch File: parameteo_hwrev_f_pt1000.kicad_sch

Resistors with reference in form of RxyVn where

x and optional y – letters

n – number

are used to configure assembly variants of the pcb.

All resistors with the same x and (optionally) y forms the same variant and all of them have to be placed.

All of them are value of 0 Ohm if not specified otherwise

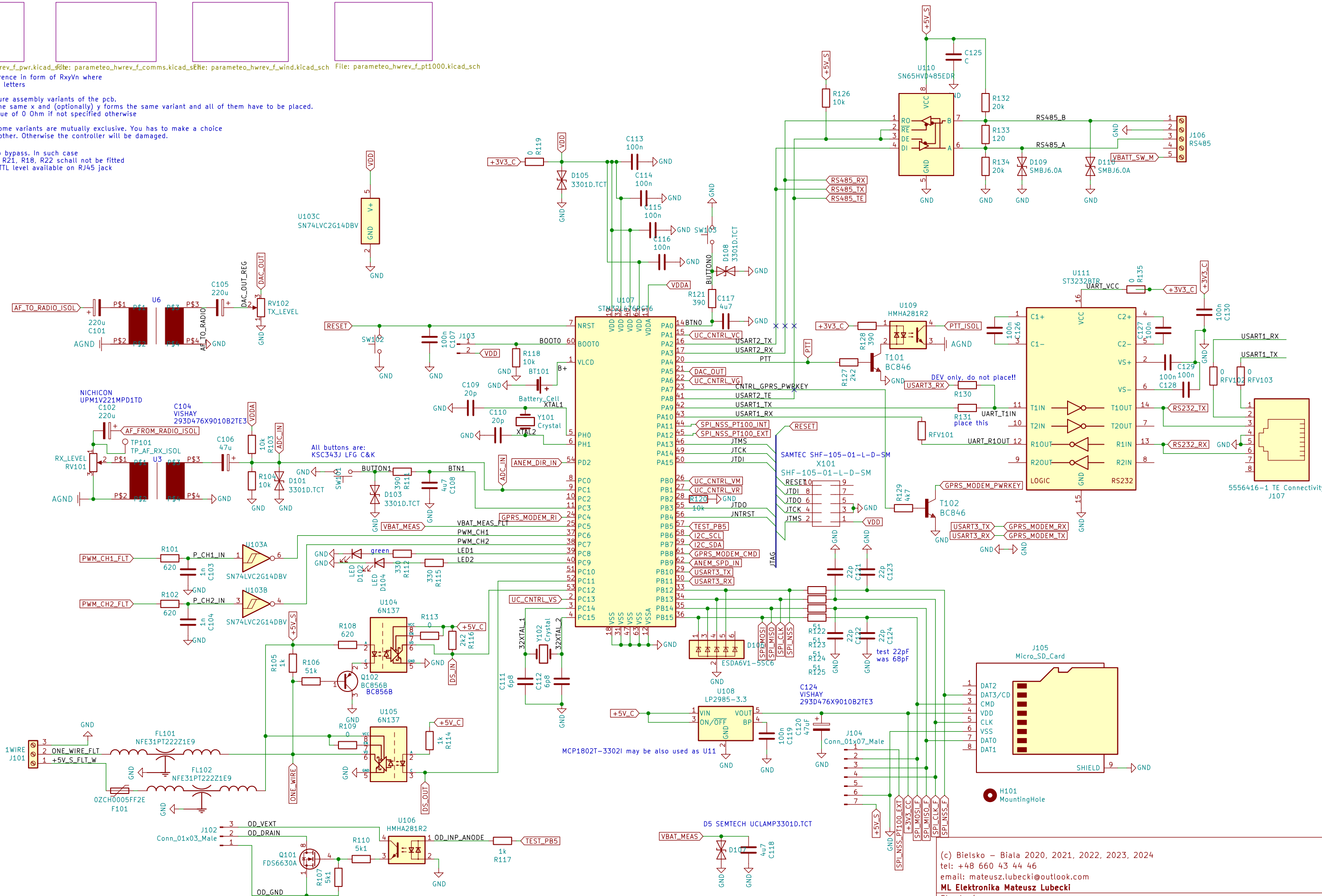
Please note that some variants are mutually exclusive. You has to make a choice

between one or another. Otherwise the controller will be damaged.

REVn – U7 op amp bypass. In such case

U7 (LMV385), R15, R21, R18, R22 shall not be fitted

RFVn – UART1 on TTL level available on RJ45 jack



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Sheet: /

File: parameteo_hwrev_f.kicad_sch

Title: Parameteo – PV powered, full odu, APRS WX station controller

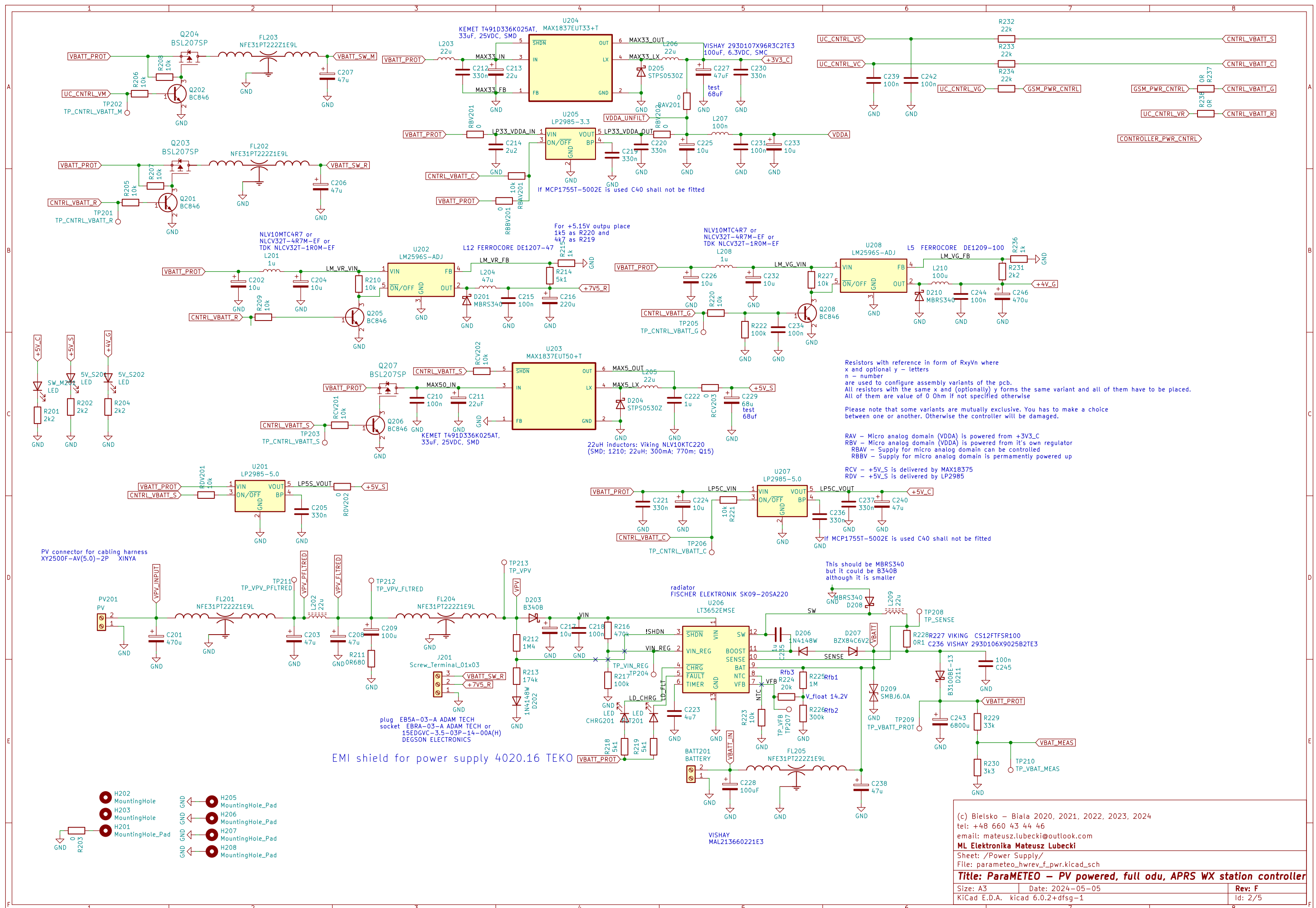
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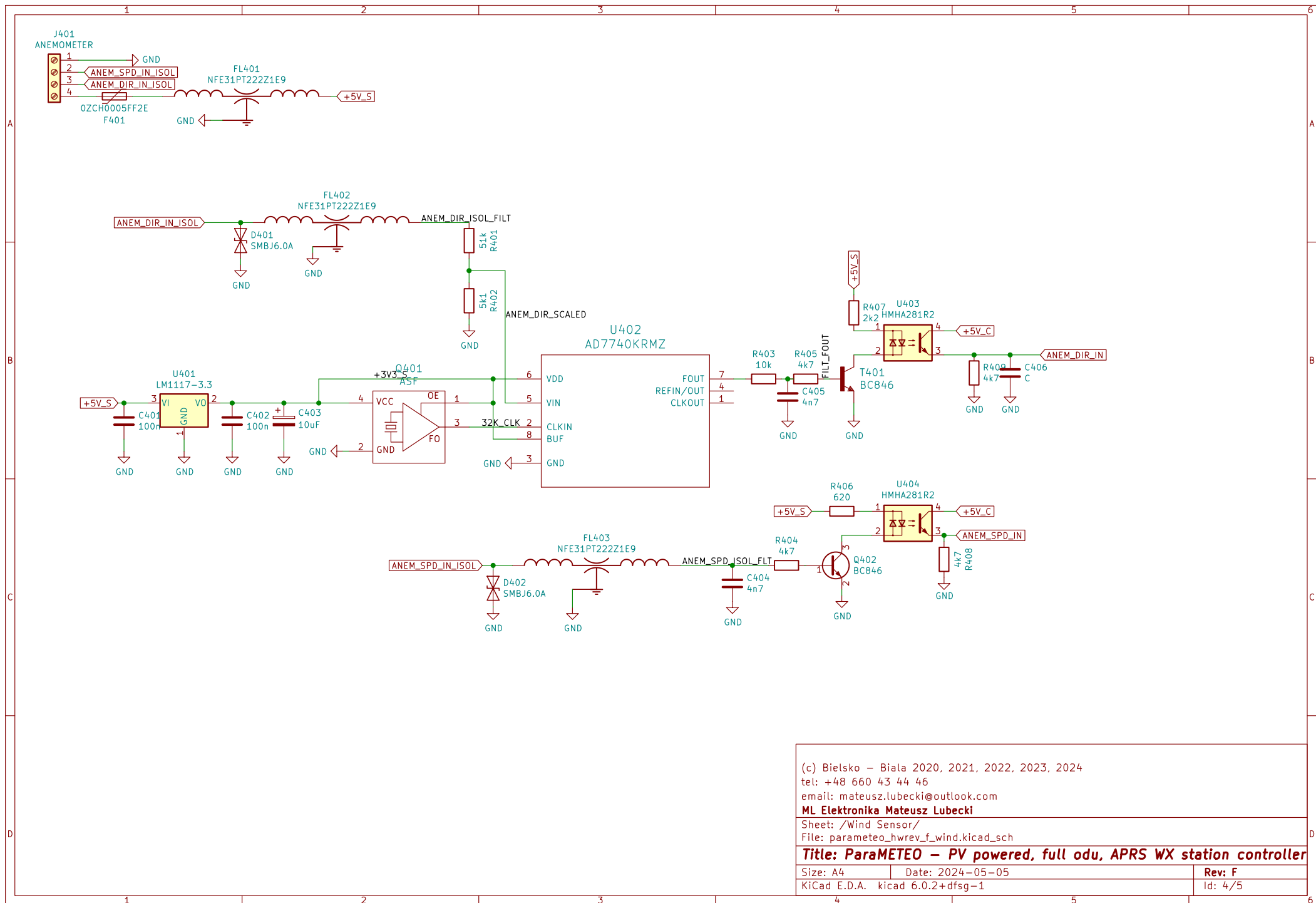
Date: 2024-05-05

Rev: F

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Id: 1/5





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Sheet: /Wind Sensor/

File: parameteo_hwrev_f_wind.kicad_sch

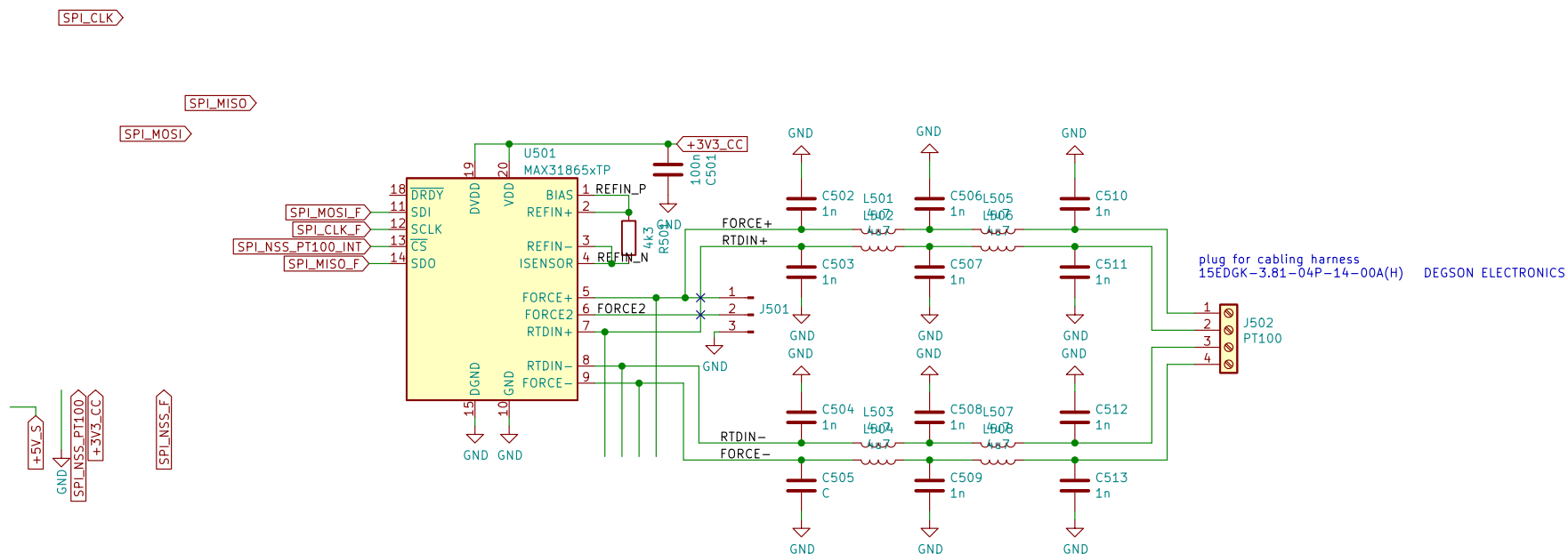
Title: ParaMETEO – PV powered, full odu, APRS WX station controller

Size: A4 Date: 2024-05-05

KiCad E.D.A. kicad 6.0.2+dfsg-1

Rev: F

Id: 4/5



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Sheet: /Temperature PT1000 Sensor/

File: parameteo_hwrev_f_pt1000.kicad_sch

Title: Parameteo – PV powered, full odu, APRS WX station controller

Size: A4 Date: 2024-05-05

KiCad E.D.A. kicad 6.0.2+dfsg-1

Rev: F

Id: 5/5