

Teapot Laboratories

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File: plantpal.kicad_sch

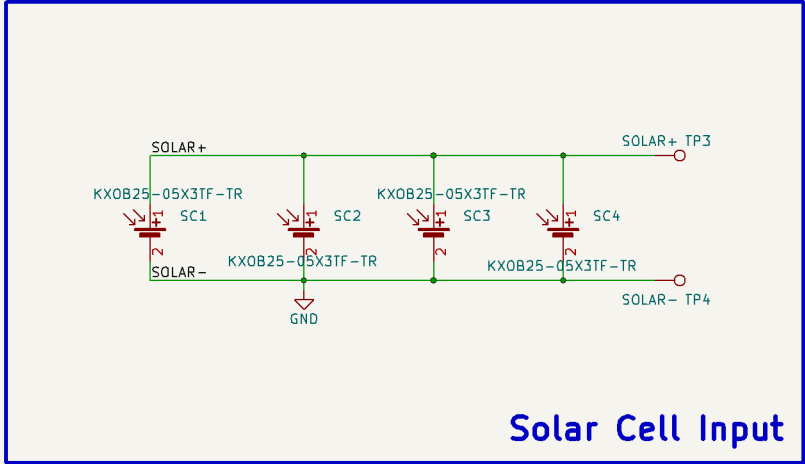
Title: Teapotlabs Plantpal

Size: A4 Date: 2024-01-10

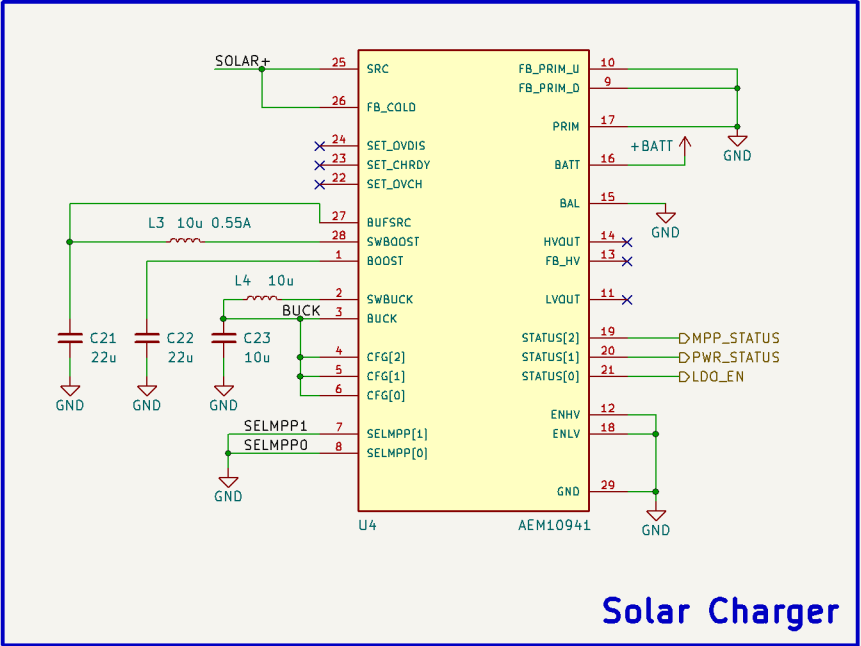
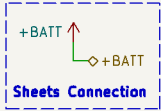
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Rev: 3

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Solar Cell Input



Solar Charger

Sheet: /Solar Power/
File: solar_power.kicad_sch

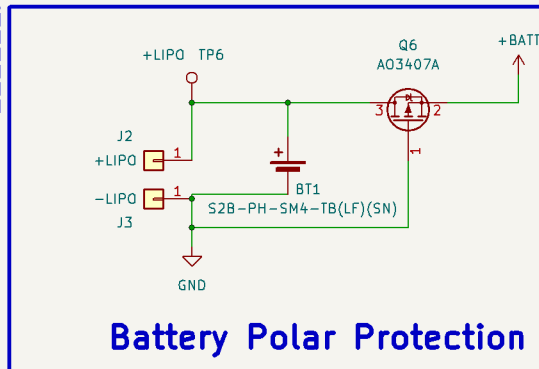
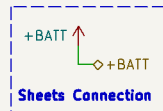
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Size: A4 Date: 2023-10-16

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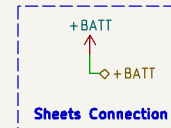
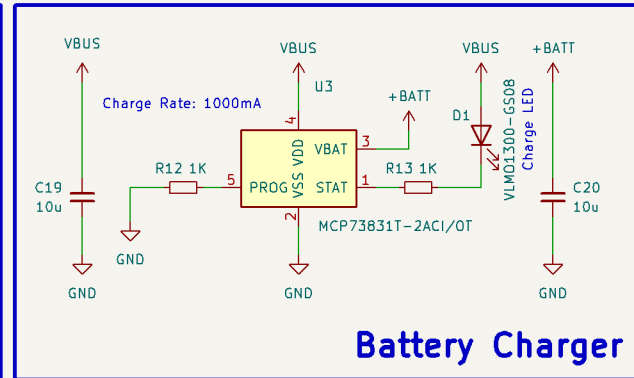
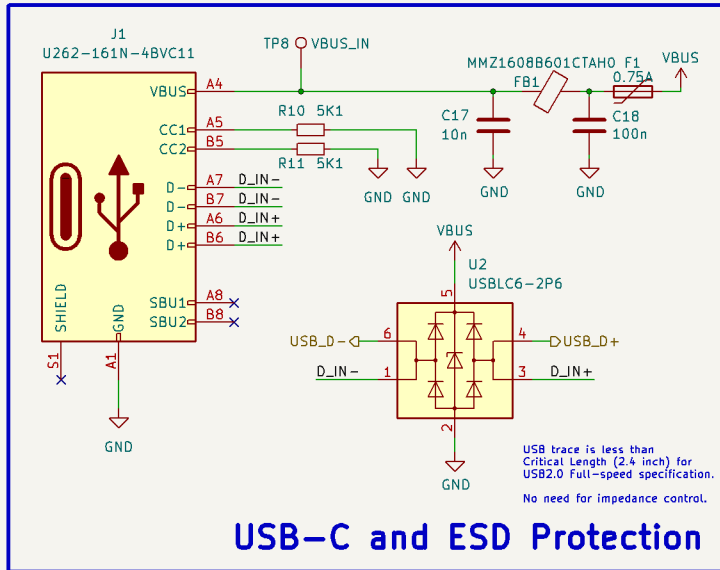
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File: battery.kicad_sch

Title:

Size: A5
KiCad E.D.A. kicad 7.0.5

Date: 2023-10-16

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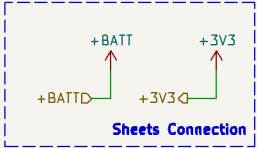
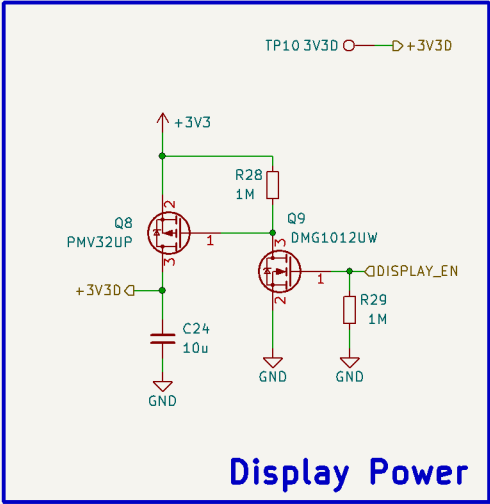
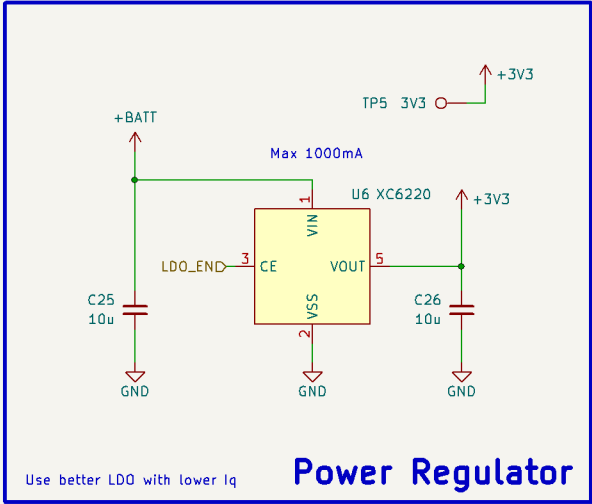
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File: usb_power.kicad_sch

Title:

Size: A5
KiCad E.D.A. kicad 7.0.5

Date: 2023-10-16

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Sheet: /Power Regulator/
File: power_regulator.kicad_sch

Title:

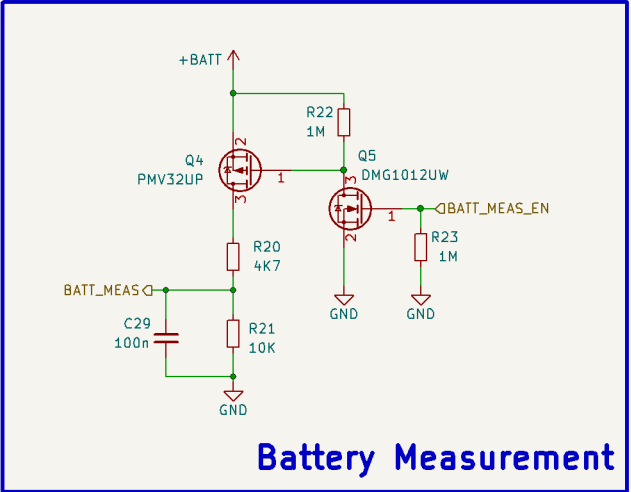
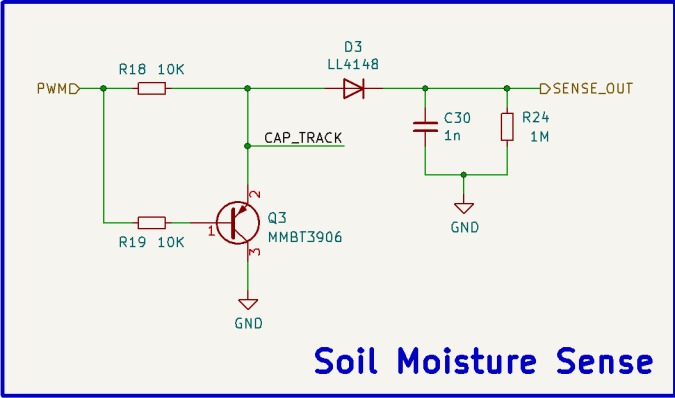
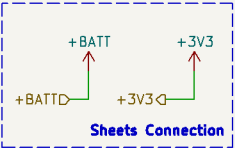
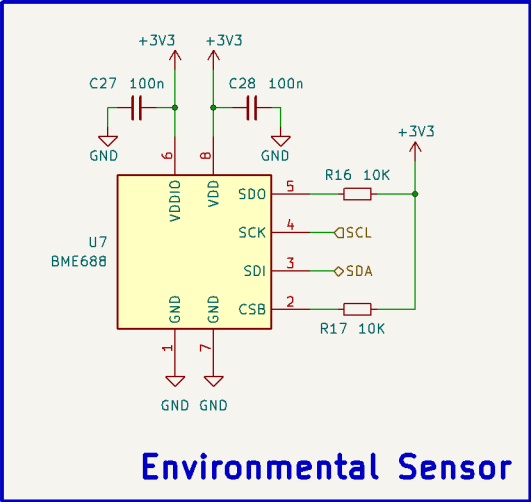
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Date: 2023-10-16

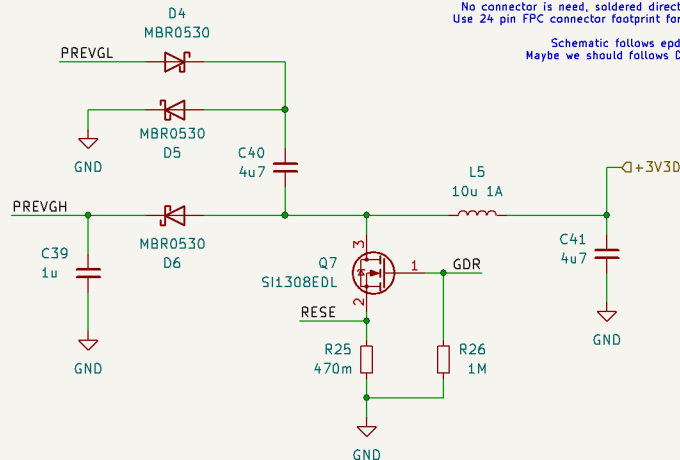
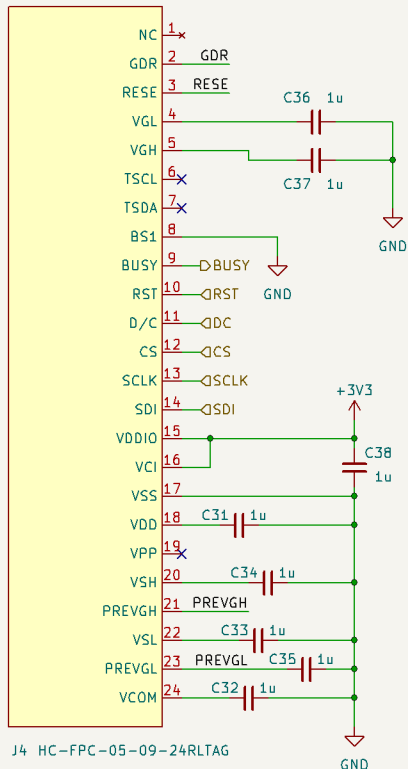
Rev: 2

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Sheet: /Sensor/		
File: sensor.kicad_sch		
Title:		
Size: A4	Date: 2023-10-16	Rev: 2
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Display
Manufacturer: Good Display
Part Number: GDEW015449FC
Non-flex Alternative: GDEW0154M10
26Pin FPC, 0.5mm Pitch, 0.25mm Pad Size
Pin 1 and 26 are not used

No connector is need, soldered directly to board
Use 24 pin FPC connector footprint for debugging

Schematic follows epd datasheet.
Maybe we should follows DESPI-C02?

E-Paper Display

Sheet: /Display/
File: display.kicad_sch

Title:

Size: A5
KiCad E.D.A. kicad 7.0.5

Date: 2023-10-16

Rev: 2
Id: B/8