

Author: Romain Cocogne
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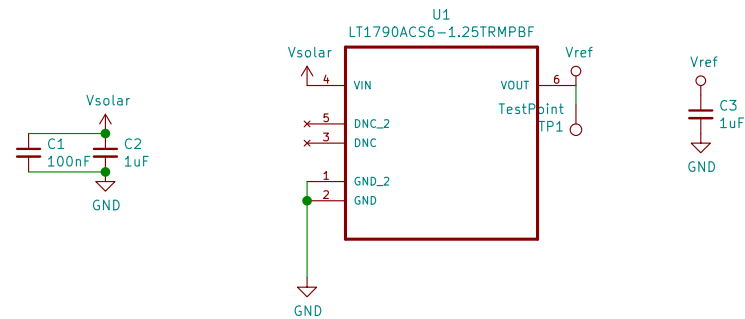
Sheet: /
File: proto2.sch

Title: Prototype 2 Schematic

Size: A4 Date: 2020-05-23
KiCad E.D.A. kicad 5.1.5+dfsg1-2build2

Rev: V1
Id: 1/11

Voltage reference



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Sheet: /ref_tension/

File: ref_tension_1-25V.sch

Title: Prototype 2 Schematic

Size: A4

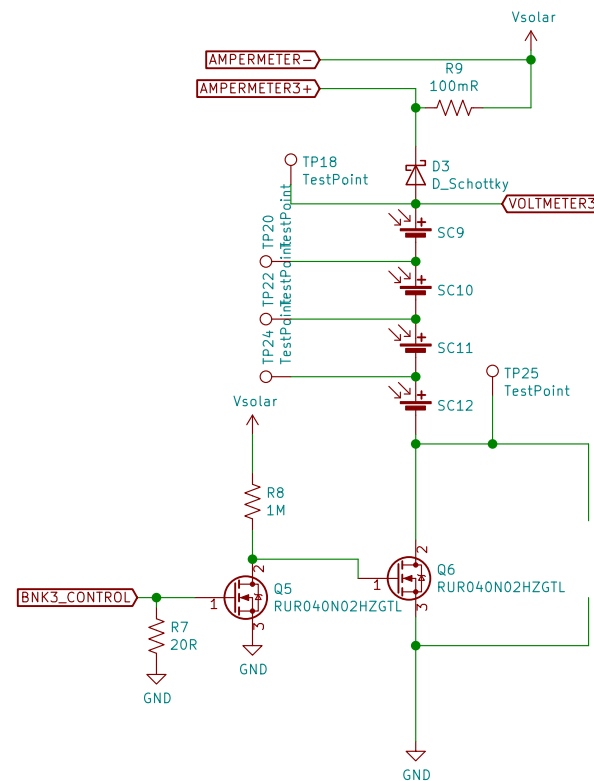
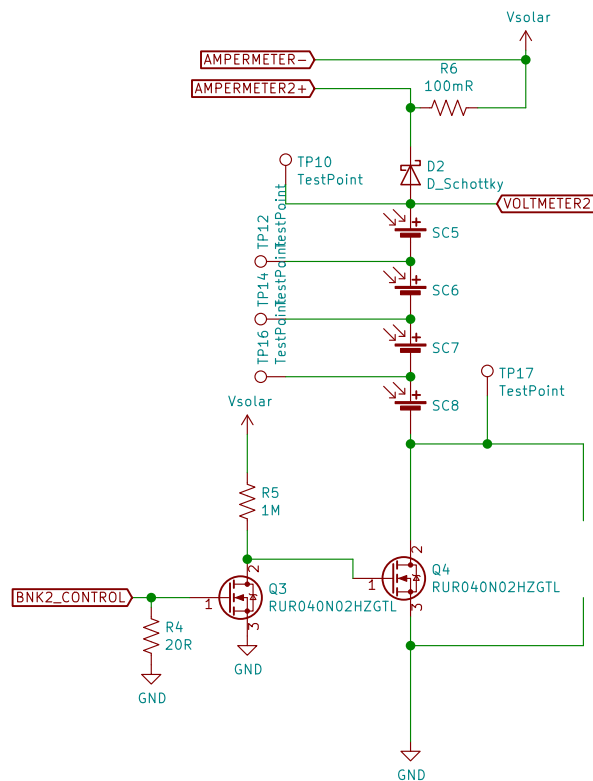
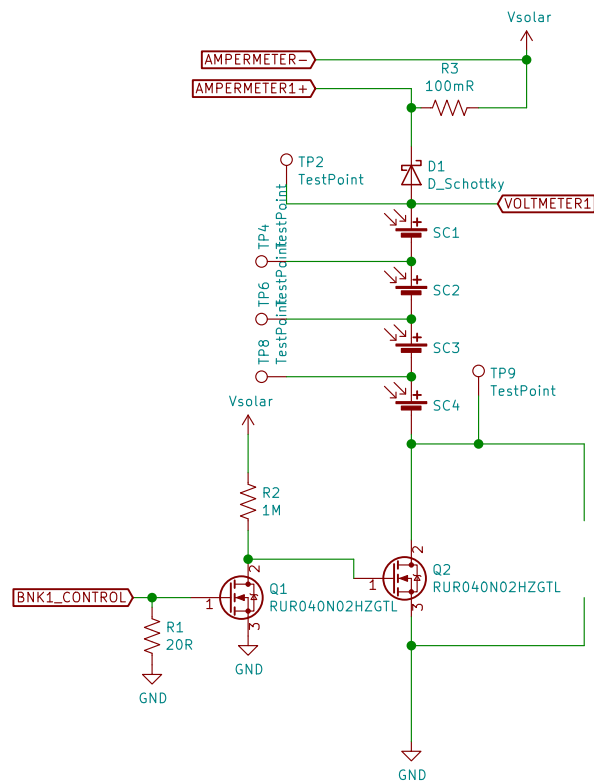
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Rev: V1

Id: 2/11

logic 0 or 1 -> 0V or 3.3V
 0V -> NMOS1 off -> PMOS2 grid short circuited -> PMOS2 on
 3.3V -> NMOS1 on -> PMOS2 grid to Vsolar -> PMOS2 off



Solar Bank

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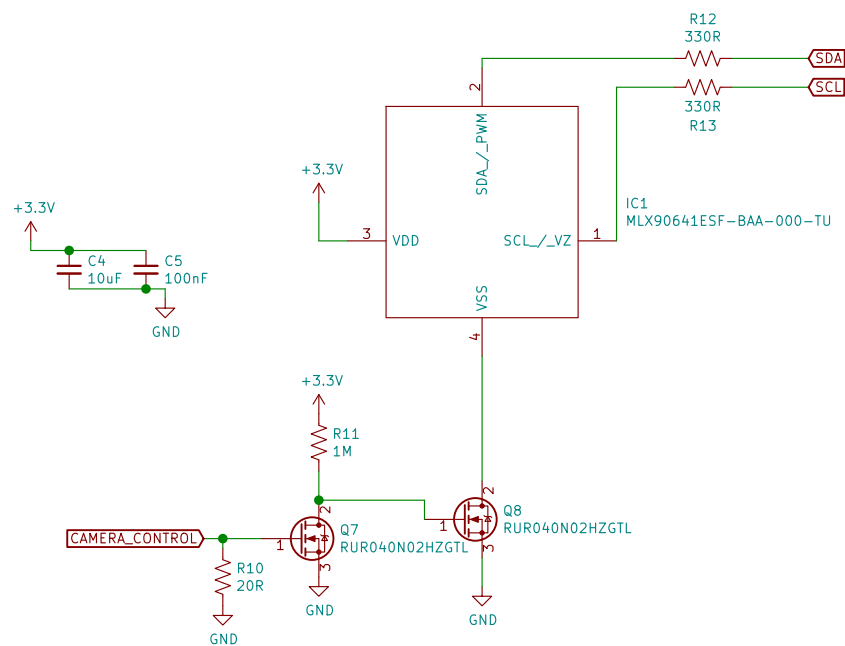
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Id: 3/11



Camera



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Title: Prototype 2 Schematic

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Id: 4/11



Temperature

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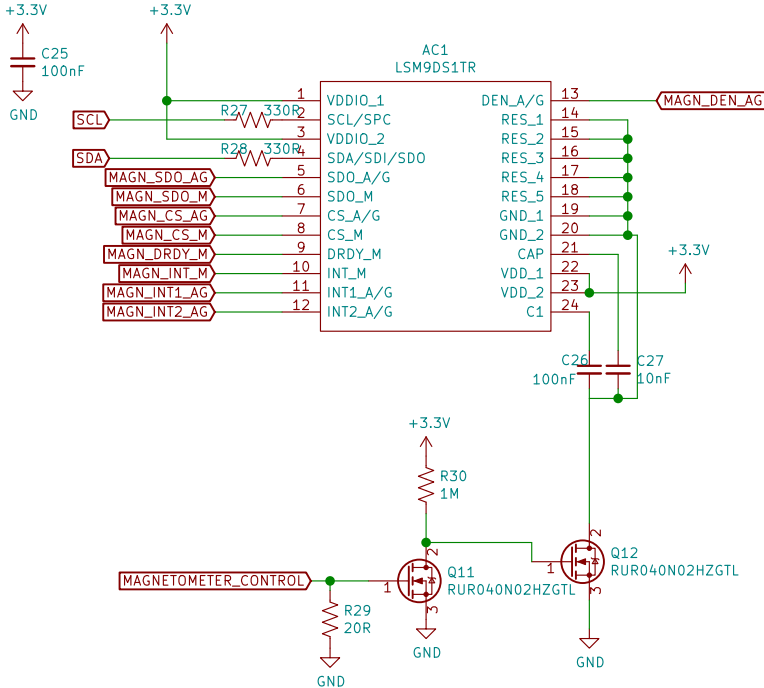


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Magnetometer



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File: magnetometer.sch

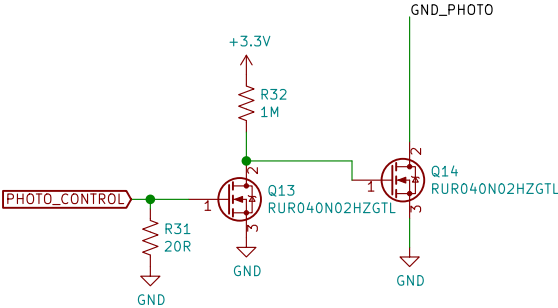
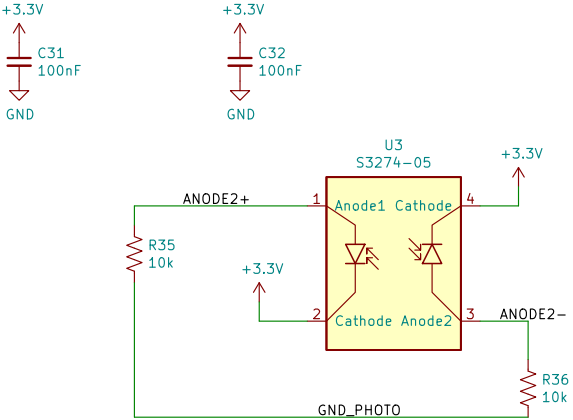
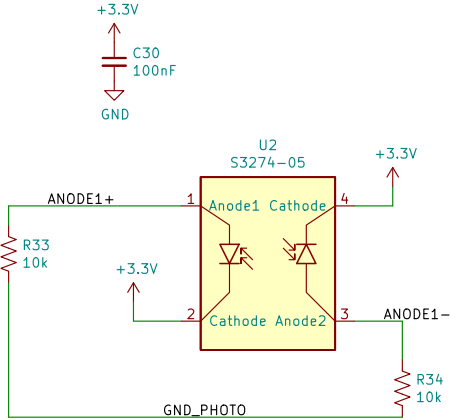
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Id: 7/11



Diode

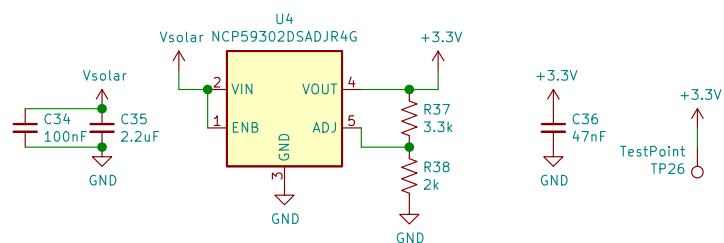


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File: photo_diode.sch

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Size: A4	Date: 2020-05-23	Rev: V1
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Voltage regulator



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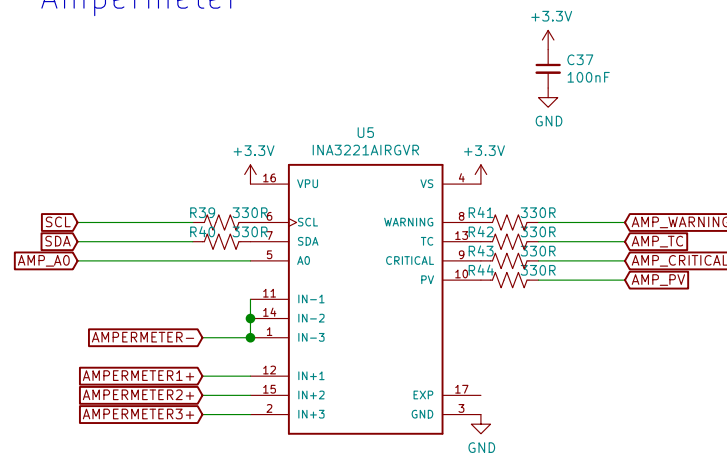
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Ampermeter



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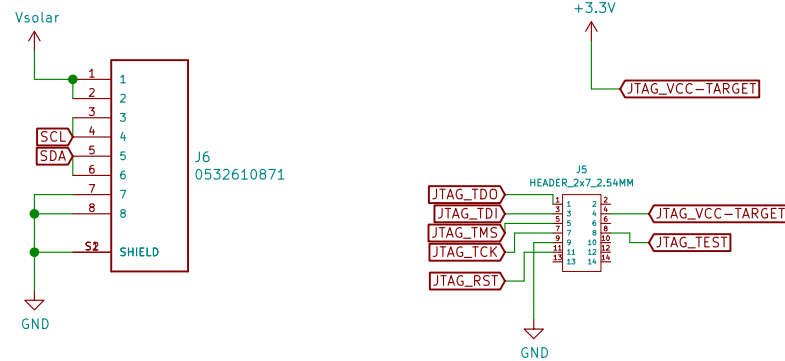
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Connectors



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Rev: V1
Id: 11/11