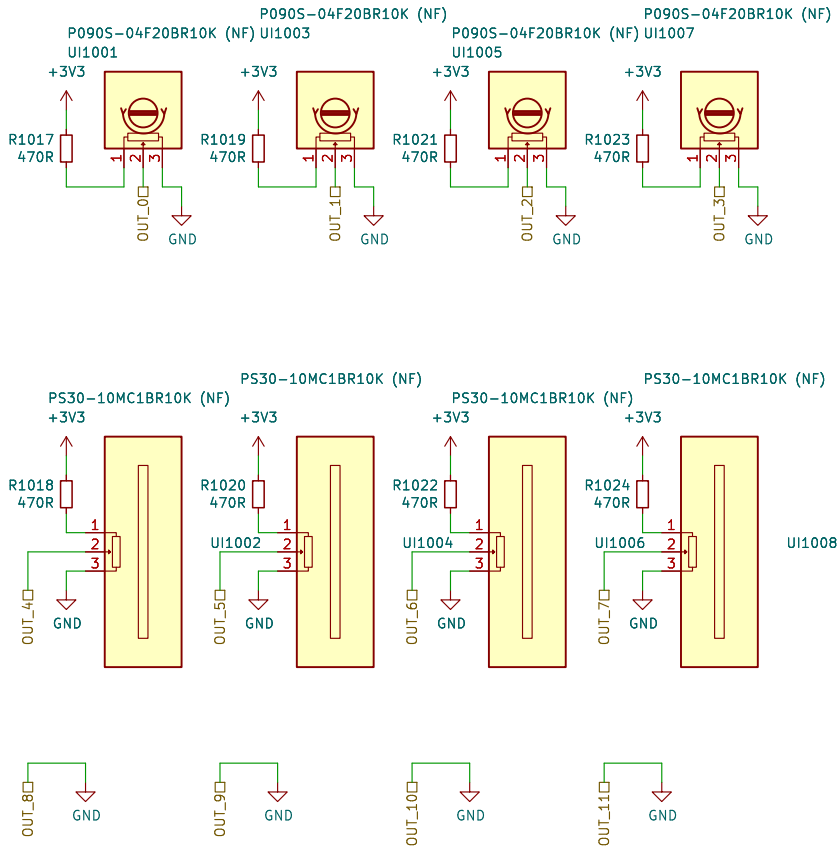




1000



Sheet: /UI_POT/
File: UI_POT.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 8.0.6

Rev:

Id: 2/10

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Simulation:
<http://tinyurl.com/y229mt4>



Sheet: /UI_BUTTON/ File: UI_BUTTON.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6	Id: 3/10	

900



Sheet: /UI_LED/
File: UI_LED.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 8.0.6

Rev:

Id: 4/10

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GRID Connector
Bi-Directional Data
2x SYNC

500

Board Mounting Pattern

Sheet: /MCU/sheet5D85C9EA/
File: GRID.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6		Id: 8/10

Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6		Id: 8/10

Size: A4	Date:	Rev:
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KiCad E.D.A. 8.0.6	Id: 8/10
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Id: 8/10

6

[illegible]

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Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6		Id: 9/10
4	5	6

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Board Identification

Grid firmware can identify the hardware and the board revision through a 3 wire serial interface using one or more shift register as read only memory. The content of the memory is defined by pulling the inputs high or low through pcb traces or solderable configuration jumpers.

4b'Model + 4b'Revision + nb'Reserved (Multiple shift registers)

- D0: MODEL (LSB)
- D1: MODEL
- D2: MODEL
- D3: MODEL (MSB)
- D4: REVISION (LSB)
- D5: REVISION
- D6: REVISION
- D7: REVISION (MSB)

Model Codes (D3–D0):

- Po16 0000
- Bo16 0001
- PBF4 0010
- EN16 0011
- ...

Revision Codes (D7–D4):

- RevA 0000
- RevB 0001
- RevC 0010
- RevD 0011
- ...

Sheet: /HWCFG/ File: HWCFG.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6	Id: 10/10	