

Sheet: /
File: ADS1220 4-Load Cell Board.kicad_sch

Title:

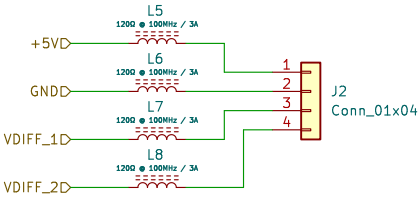
Size: A4
KiCad E.D.A. 8.0.4

Date:

Rev:

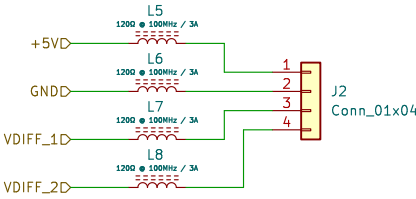
Id: 1/10

TODO:
* Ferrite Beads should be placed as close as possible to the connector



Sheet: /Load Cell Connection 1/ File: load_cell_connection.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.4	Id: 2/10	

TODO:
* Ferrite Beads should be placed as close as possible to the connector



Sheet: /Load Cell Connection 2/
File: load_cell_connection.kicad_sch

Title:

Size: A4

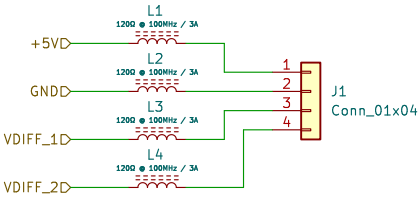
Date:

KiCad E.D.A. 8.0.4

Rev:

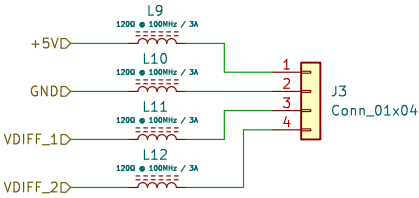
Id: 3/10

TODO:
* Ferrite Beads should be placed as close as possible to the connector

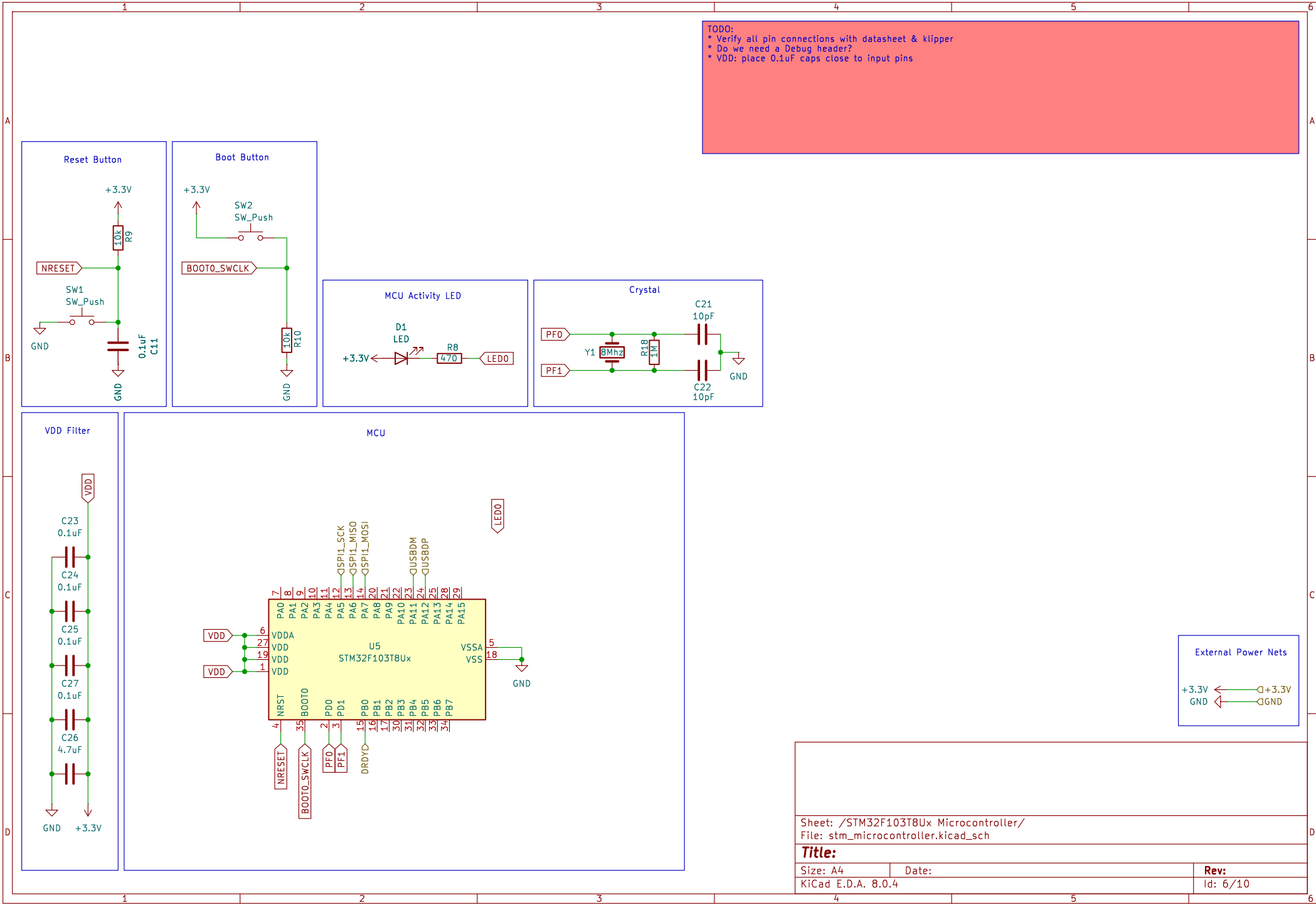


Sheet: /Load Cell Connection 3/ File: load_cell_connection.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.4	Id: 4/10	

TODO:
* Ferrite Beads should be placed as close as possible to the connector

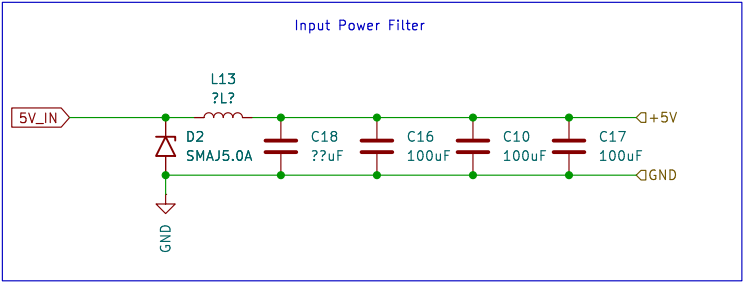
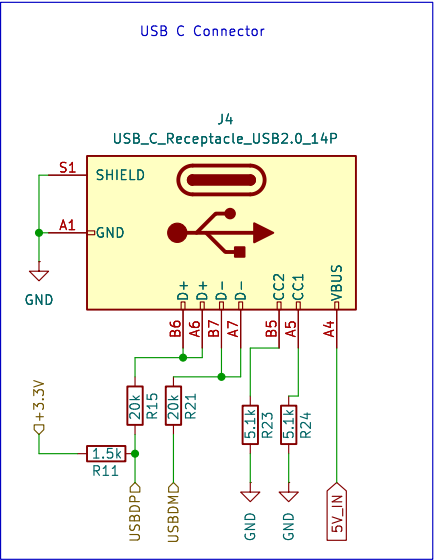


Sheet: /Load Cell Connection 4/ File: load_cell_connection.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.4	Id: 5/10	



TODO:

- * Status LED: should we have a "power in" status LED?
- * Calculate or find some LC filter values for ?L? and ??uF
- * USB: should the receptacle be 1.4 or 1.6?
- * USB: should surge supression be added on the singal lines?



Sheet: /USB & 5V Power/
File: 5V_Power.kicad_sch

Title:

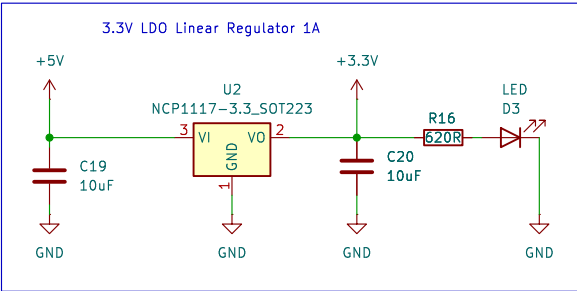
Size: A4 Date:

KiCad E.D.A. 8.0.4

Rev:

Id: 7/10

TODO:
* Status LED: Need to identify LED part # and check Resistance value with spec



External Power Connections



Sheet: /3.3V Power/
File: 3.3V_Power.kicad_sch

Title:

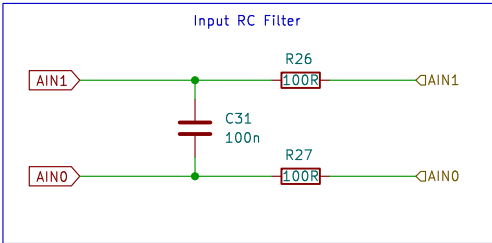
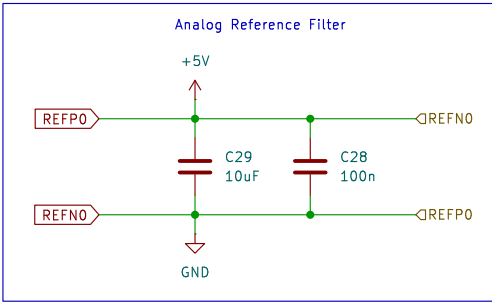
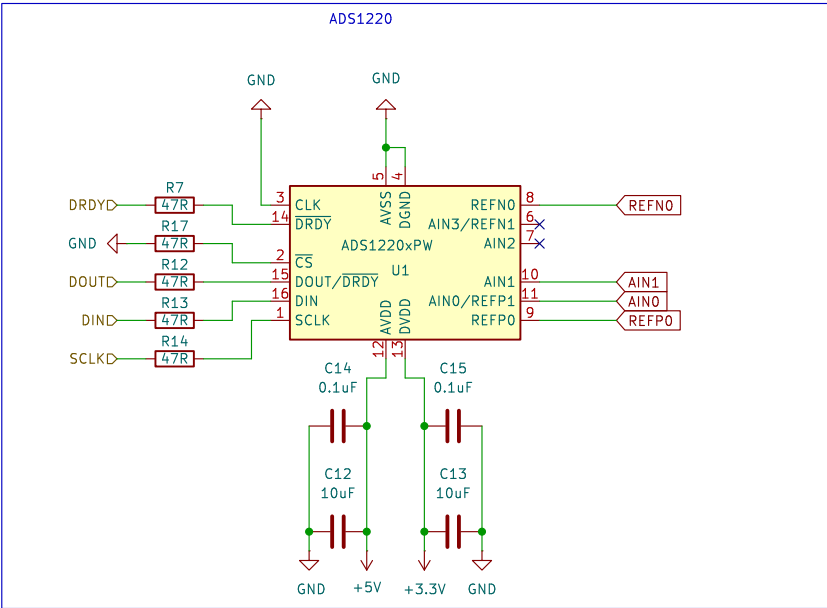
Size: A4

Date:

KiCad E.D.A. 8.0.4

Rev:

Id: 8/10



External Power Connections

+3.3V ← □ +3.3V

+5V ← □ +5V

GND ← □ GND

Sheet: /ADS1220 AD Converter/
File: ADS1220_Converter.kicad_sch

Title:

Size: A4

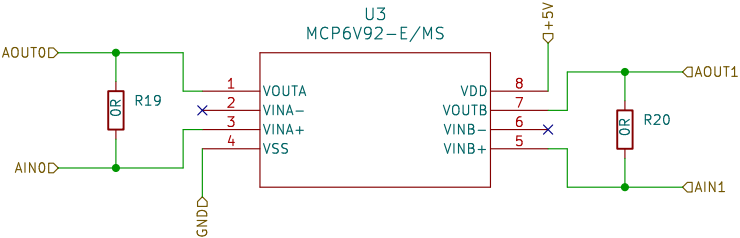
Date:

KiCad E.D.A. 8.0.4

Rev:

Id: 9/10

TODO:
* Amplifier can be powered by 3.3V or 5V, which is better?



Sheet: /Amplifier/
File: amplifier.kicad_sch

Title:

Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.4

Id: 10/10