

Author: Jakub Kąkiel

PBL5

Silesian University Of Technology

Sheet: /Encoders/

File: encoders.sch

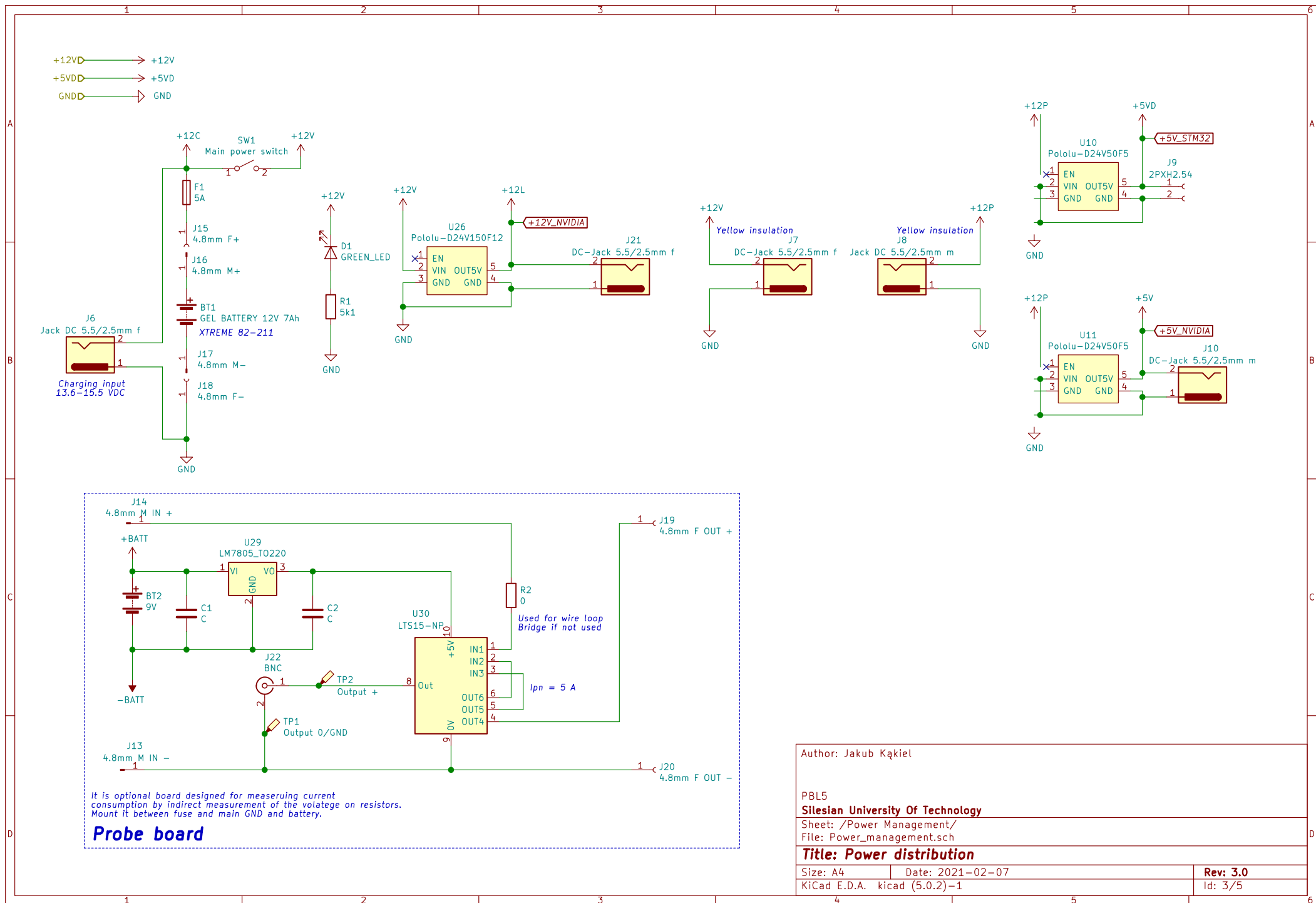
Title: Encoders

Size: A4 Date: 2021-01-02

KiCad E.D.A. kicad (5.0.2)-1

Rev: 1.2

Id: 2/5



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Sheet: /Power Management/

File: Power_management.sch

Title: Power distribution

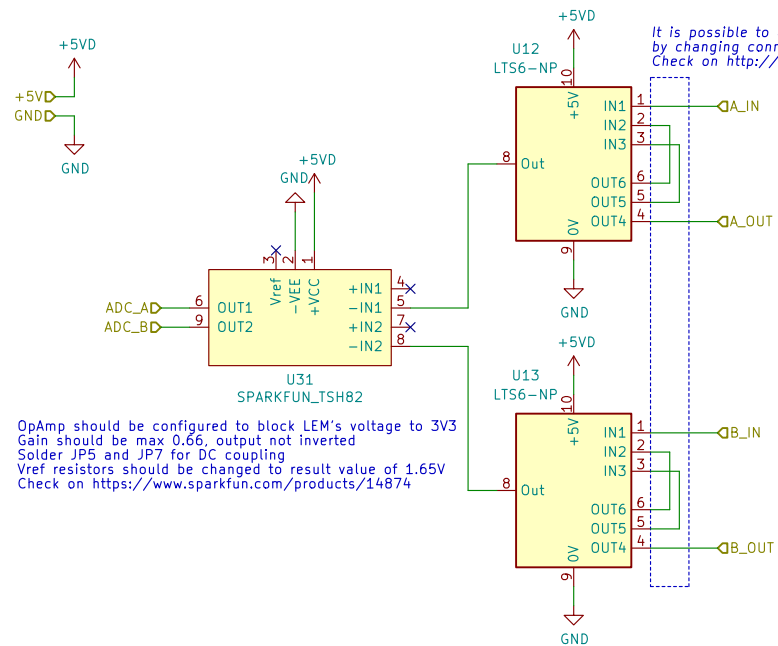
Size: A4

Date: 2021-02-07

Rev: 3.0

KiCad E.D.A. kicad (5.0.2)-1

Id: 3/5



OpAmp should be configured to block LEM's voltage to 3V3
Gain should be max 0.66, output not inverted
Solder JP5 and JP7 for DC coupling
Vref resistors should be changed to result value of 1.65V
Check on <https://www.sparkfun.com/products/14874>

Author: Jakub Kąkiel		
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Sheet: /motors_adcs/		
File: motors_adcs.sch		
Title: Motors ADC board		
Size: A4	Date: 2021-05-09	Rev: 2
KiCad E.D.A. kicad (5.0.2)-1		Id: 4/5

