

Power Input

Conn9C
AndersonPP

V+Act
+12VA

Conn10B
AndersonPP

V+Log
+12VL

Conn11A
AndersonPP

GND
GND

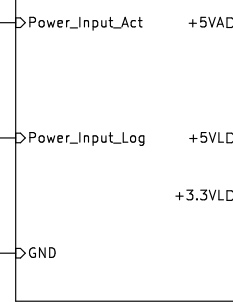
D25
D_Zener

D26
D_Zener

GND

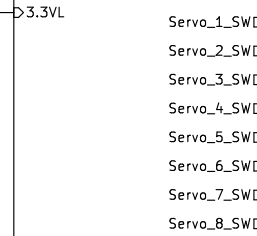
Buck Converters

Sheet: Buck Converters



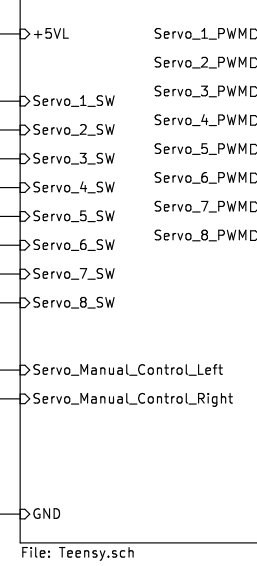
Manual Switches

Sheet: Switches



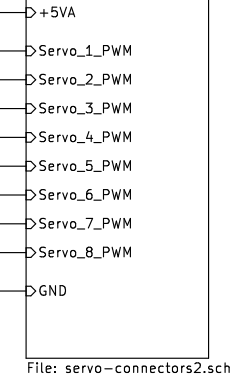
Microcontroller

Sheet: Teensy



Servo Connectors

Sheet: Servo Connectors



Sheet: /
File: GimbalBoard_Hardware.sch

Title: Gimbal Board

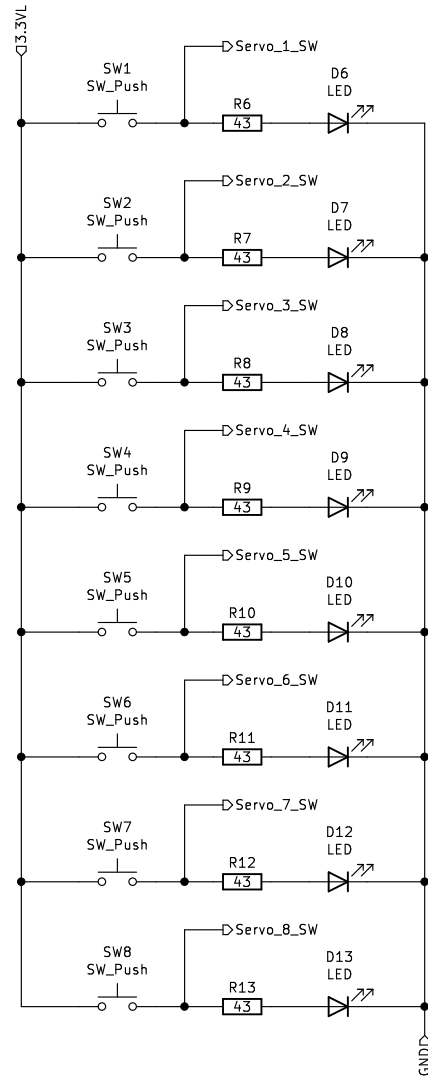
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KiCad E.D.A. kicad (5.1.10)-1

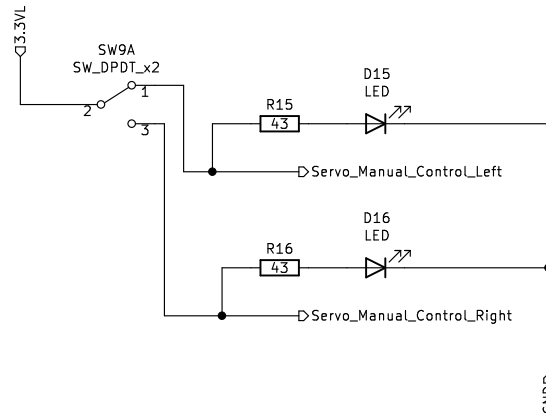
Rev: 1

Id: 1/5

Manual Servo Switches



Digital/Manual Switch



Sheet: /Switches/
File: Switches.sch

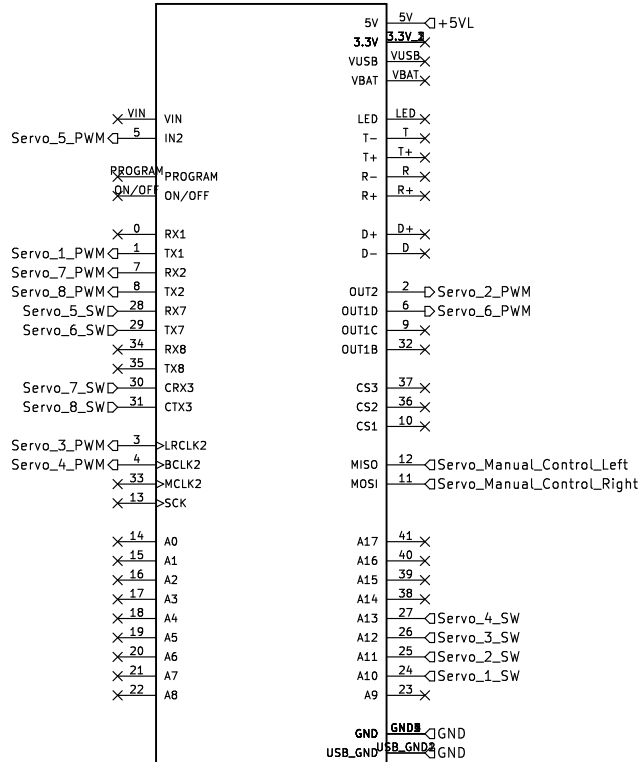
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Size: A4 Date:
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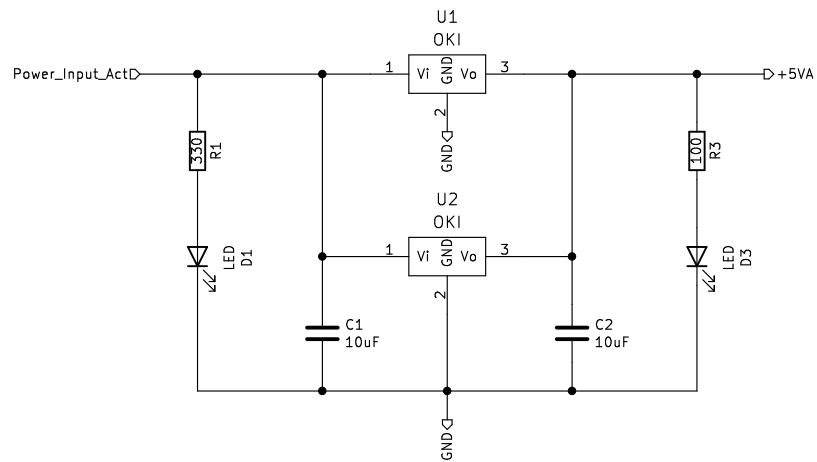
Rev:
Id: 2/5

Teensy

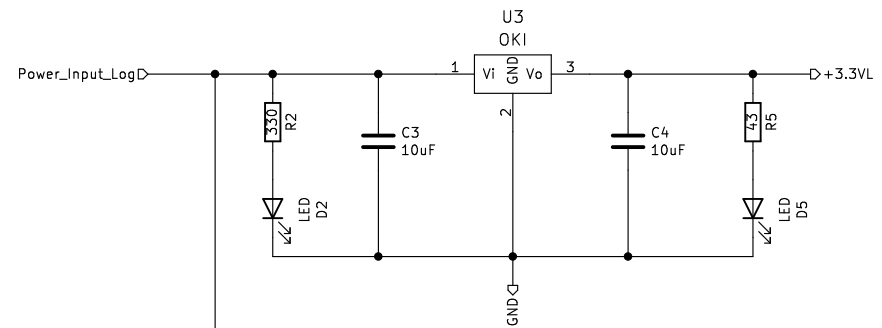
U5
Teensy4.1_DEV-16771



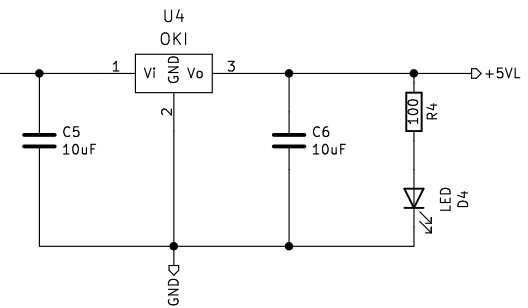
12VA to 5VA Converter



12VL to 3.3VL Converter



12VL to 5VL Converter



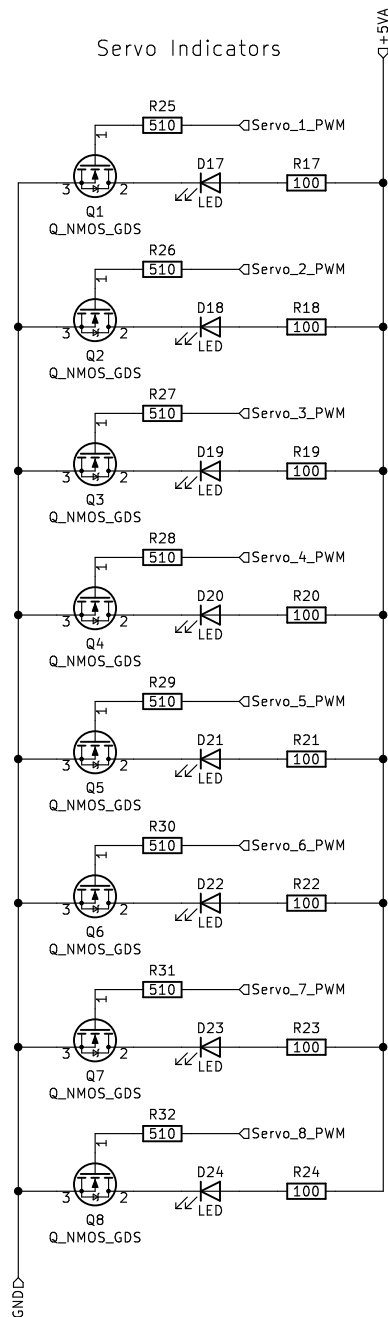
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Title:

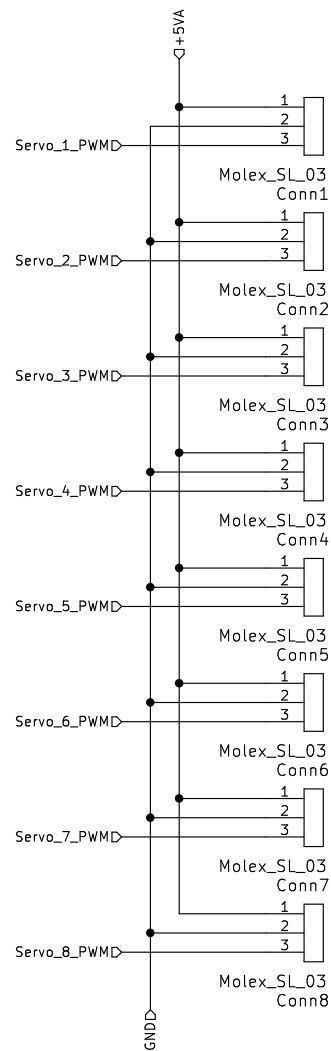
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Rev:
Id: 4/5

Servo Indicators



Molex SL Connectors



Sheet: /Servo Connectors/
File: servo-connectors2.sch

Title:

Size: A4 Date: Kicad E.D.A. kicad (5.1.10)-1

Rev: Id: 5/5