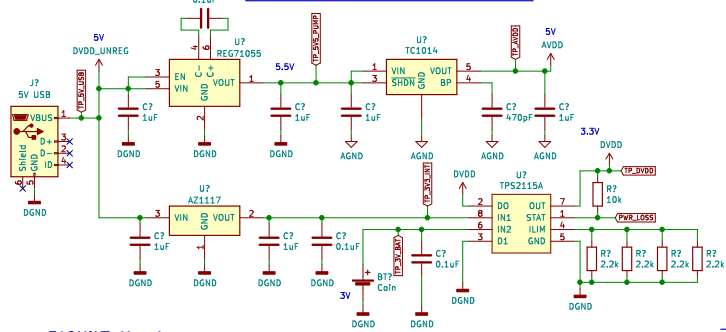
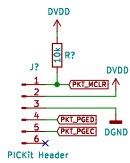


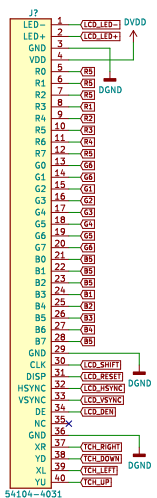
Digital & Analog Power Supply



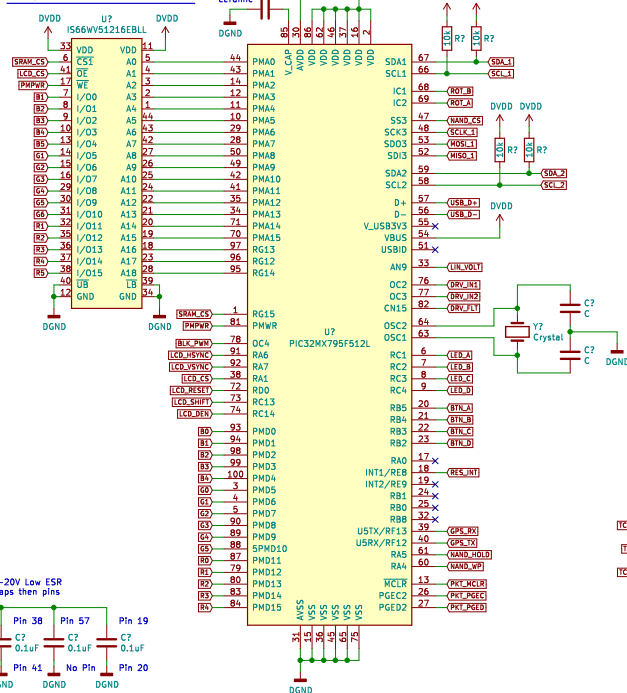
PICKit3 Header



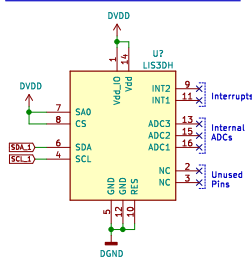
TFT LCD Header



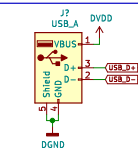
PIC32 Microcontroller



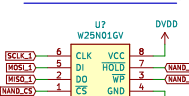
Three Axis Accelerometer



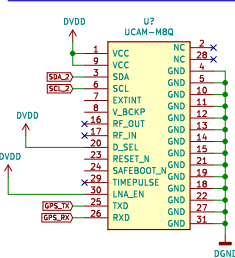
USB Data Port



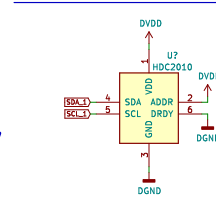
NAND Flash Memory



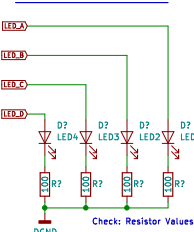
GPS Antenna and Reciever



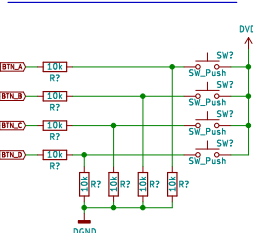
Temperature & Humidity Sensor



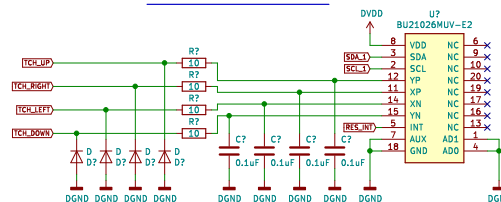
Debugging LEDs



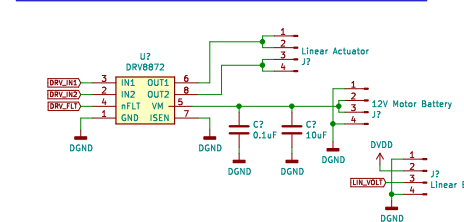
Debugging Push Buttons



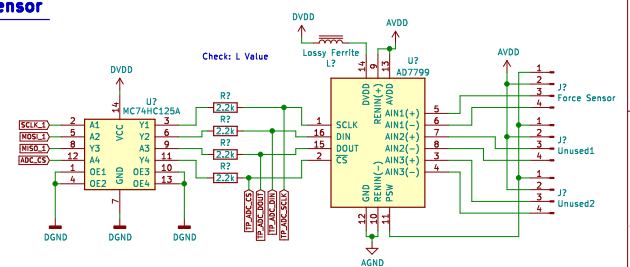
Resistive Touch Driver



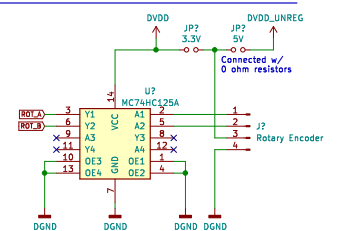
Linear Actuator Interface w/ DC Motor Driver



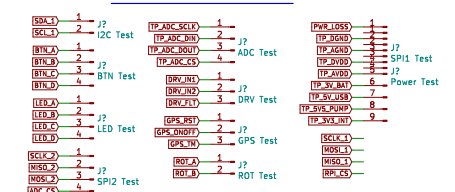
Force Sensor Interface w/ ADC and Buffer



Rotary Encoder Interface w/ Buffer



Test Point Headers



Designer 2: Ryan Donahue
Designer 1: Kennedy Caisley
University of Idaho

Sheet: /
File: crompton_rev1.sch

Title: Crop Top Peripheral Board

Size: User	Date: 2018-10-03
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KiCad E.D.A. kicad (5.0.1)–3	
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Rev: Revision 1

Id: 1/1