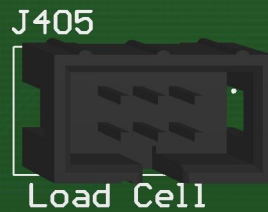
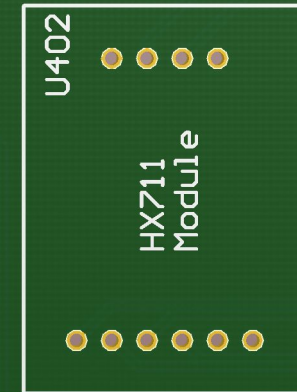
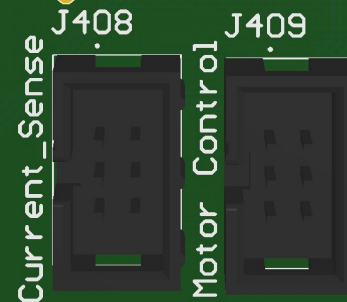
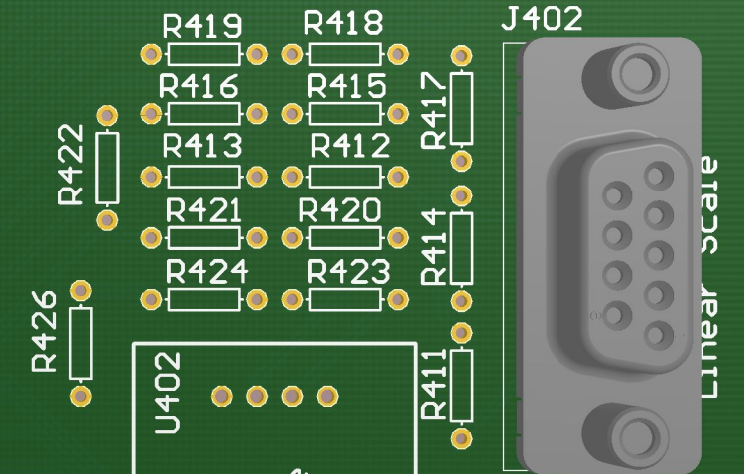
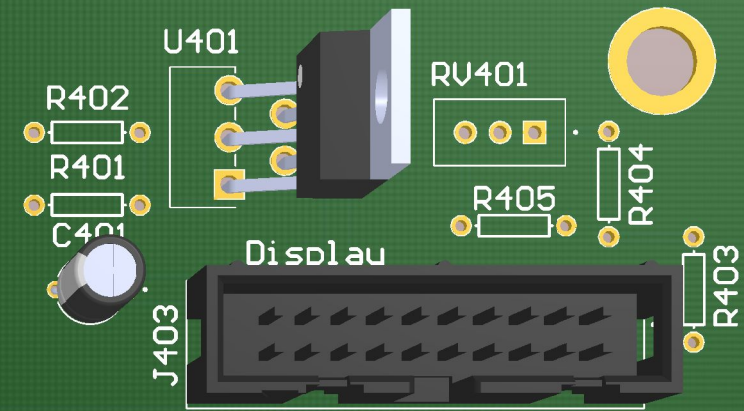
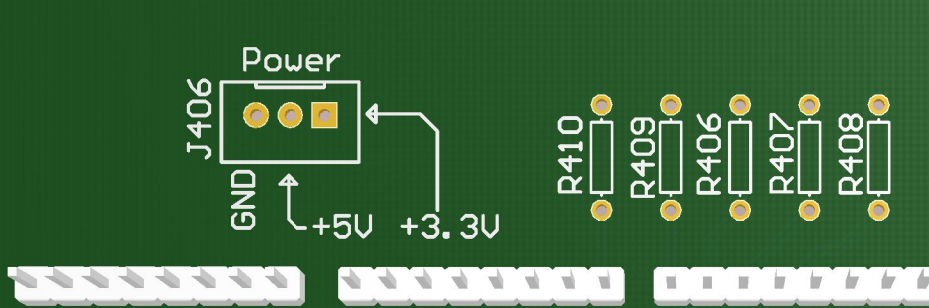
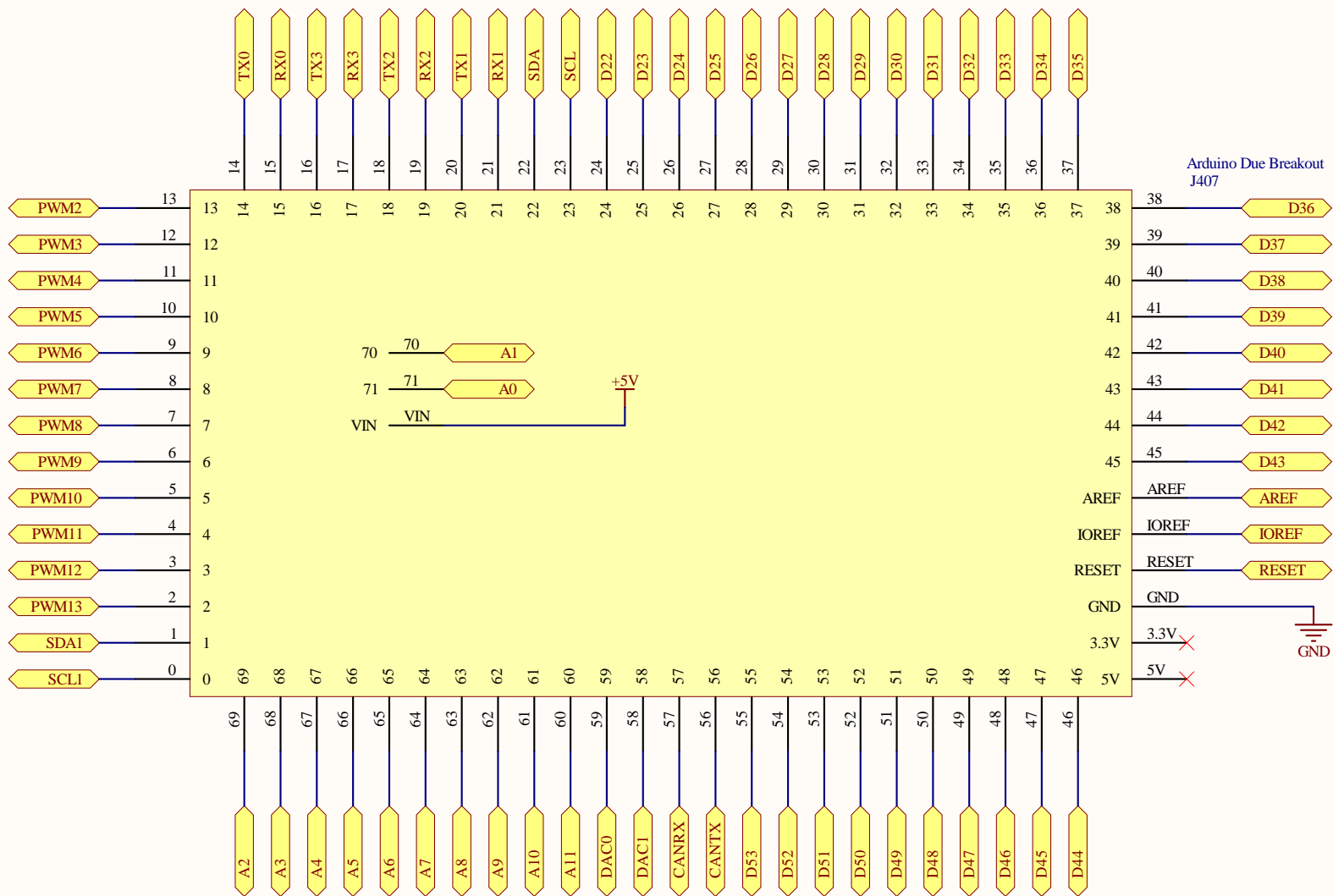
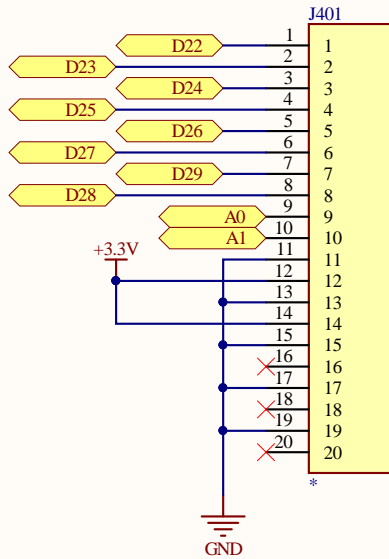


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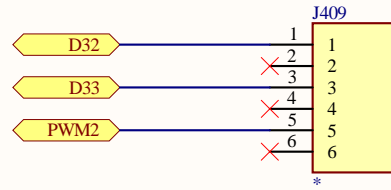


Title **Due Breakout Board**Size: **A**Number: **1**Revision: *****Date: **2/23/2022**Time: **2:23:32 PM**Sheet **1** of **3**File: **C:\Users\Andrew\Desktop\Senior Design\Due_Breakout_Board\Due_Breakout_Board.SchDoc**

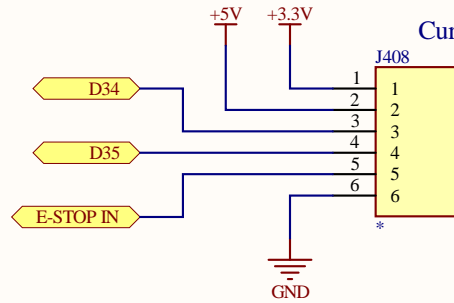
Resistance Measurement



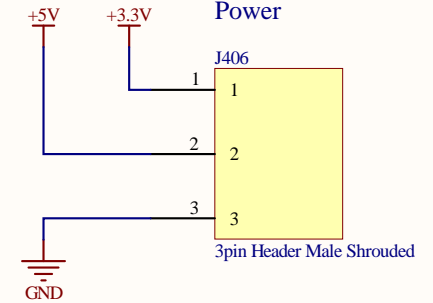
Motor Controller



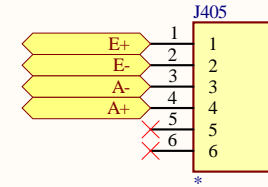
Current Sense



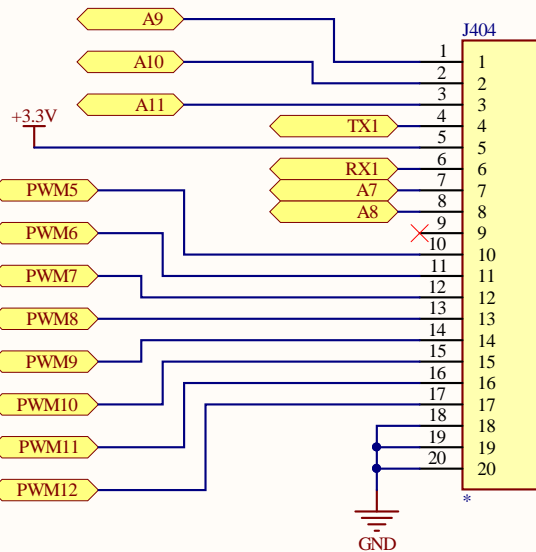
Power



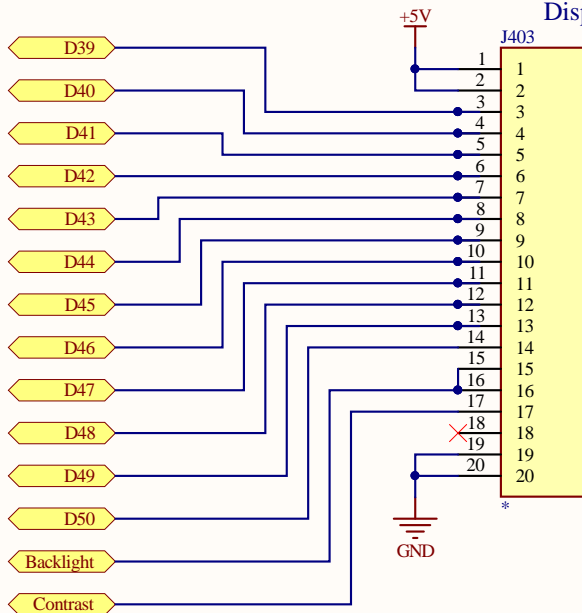
Force Measurement



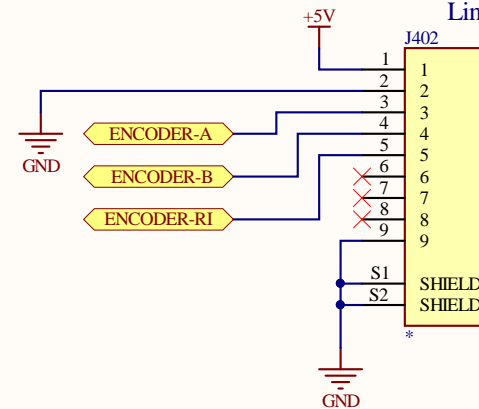
Buttons and Keypad



Display



Linear Encoder



Title **Due Breakout Board Headers**

Size: **A**

Number: **2**

Revision: **A**

Date: **2/23/2022**

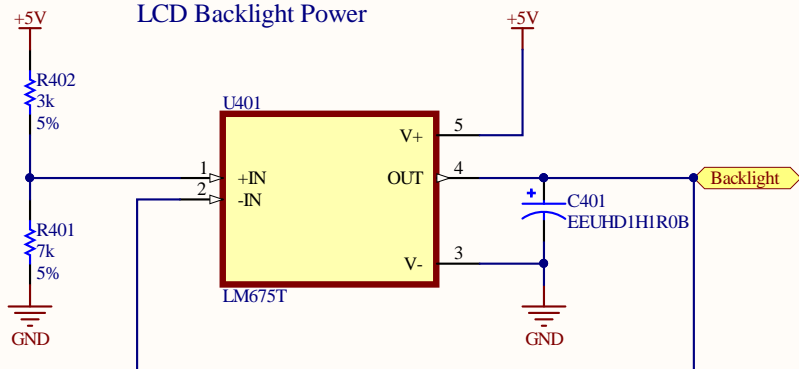
Time: **2:23:32 PM**

Sheet **2** of **3**

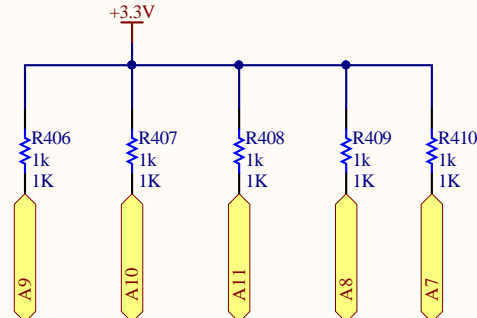
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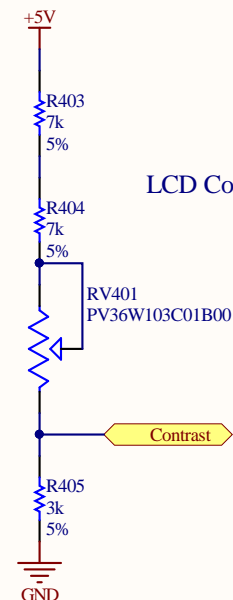
LCD Backlight Power



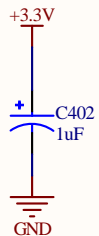
Pull up Resistors for Push Buttons



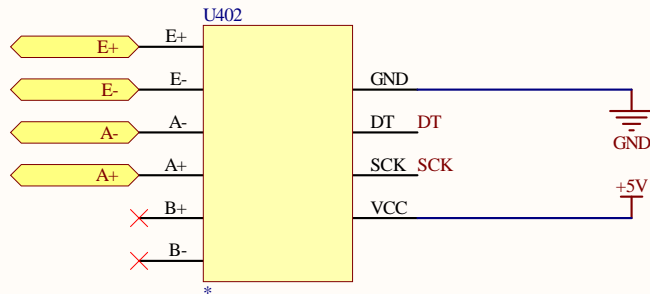
LCD Contrast



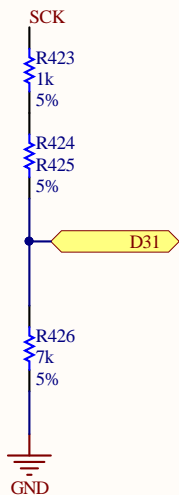
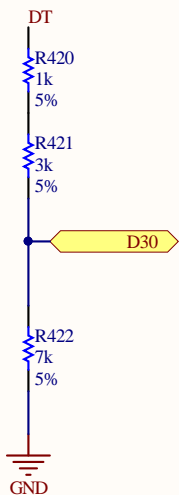
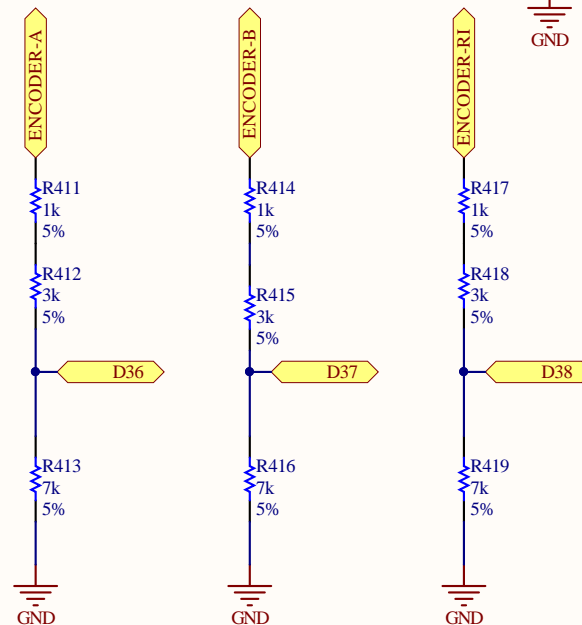
USB Power



HX711 Board Socket



Linear Encoder Outputs

Title **Due Breakout Board Supporting Circuits**Size: **A**Number: **3**Revision: **A**Date: **2/23/2022**Time: **2:23:32 PM**Sheet **3** of **3**File: **C:\Users\Andrew\Desktop\Senior Design\Due_Breakout_Board\Due_Breakout_Board supporting circuits.SchDoc**