6/27/2023 Board Updates - Travis Applegate

* 3.3V not feasible to implement on current boards, we can continue with 5v for current board revision
* Raspberry Pi availability is projected for July. Seems to be looking up in some areas globally right now, USA just around the corner
* Individual Board Status Update:
  1. This was the original working board that Sayan damaged. Working on this board last.
  2. This board was trying to send 5V to two of the four SDO pi pins. Replacing ADCs connected to those pins fixed this problem, this is the new working board.
  3. This board was like board 2, but I modified it a few weeks ago attempting to fix the problem. That modification did not work, but now I know the fix and will fix it after board 4.
  4. This board seemingly had a serious power connection problem, but now does not and is like boards 2 and 3 but with 3 ADCs trying to send 5v to pi pins. I suspect that because of this it is drawing slightly more current, and the adjustable power supply was set a little too low. This board now is the next in line to be fixed.
  5. This is a spare, unpopulated board
* Other next step is updating electrical CAD files to include update MUX footprint, 3.3V circuit, and hopefully smaller board footprint to more easily fit ethernet switch in the final enclosure