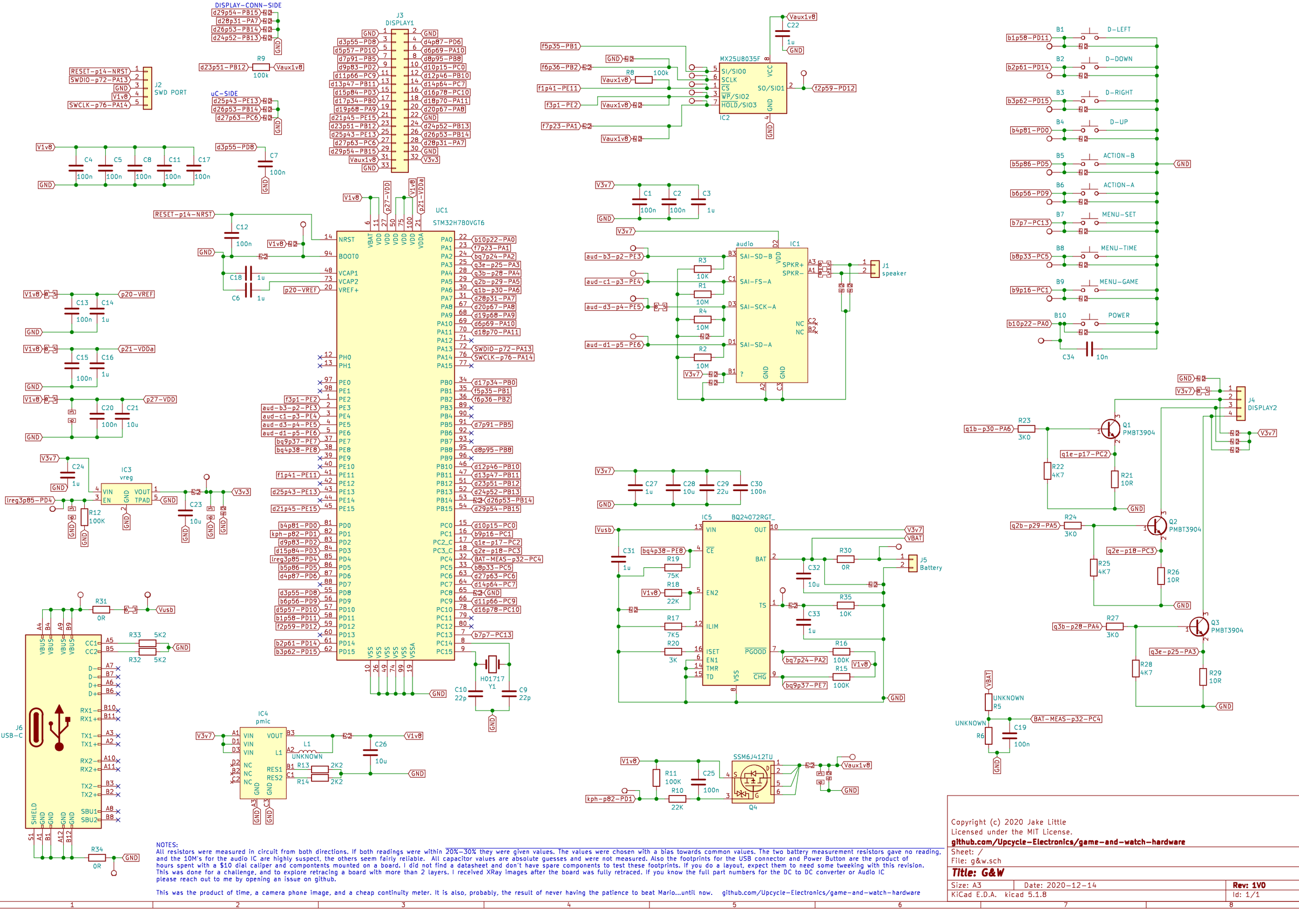

NOTES:
All resistors were measured in circuit from both directions. If both readings were within 20%-30% they were given values. The values were chosen with a bias towards common values. The two battery measurement resistors gave no reading, and the 10M's for the audio IC are highly suspect, the others seem fairly reliable. All capacitor values are absolute guesses and were not measured. Also the footprints for the USB connector and Power Button are the product of hours spent with a $10 dial caliper and compontents mounted on a board. I did not find a datasheet and don't have spare components to test these footprints. If you do a layout, expect them to need some tweeking with this revision. This was done for a challenge, and to explore retracing a board with more than 2 layers. I received XRay images after the board was fully retraced. If you know the full part numbers for the DC to DC converter or Audio IC please reach out to me by opening an issue on github.

This was the product of time, a camera phone image, and a cheap continuity meter. It is also, probably, the result of never having the patience to beat Mario...until now. github.com/Upcycle-Electronics/game-and-watch-hardware

github.com/Upcycle-Electronics/game-and-watch-hardware

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