

PCB Design Quality Assurance Ticket

Designer: Caleb Enright

File Name: The Wot

Designer Signature: 

Schematic

- All necessary components are present
- All VCC and GND pins are connected to flags
- All components are appropriately wired
- No wires cross over other component pins
- Schematic has an appropriate title and company (project name and student name)

PCB Design

- PCB is within 7,500 mm² limit
- Board outline is continuous and complete
- Board outline has rounded corners
- Components are appropriately spaced and laid out
- Traces are clean, organized, with 45 degree bends
- Vias are used where appropriate
- All Nets have been completed (check Nets panel)
- PCB passes a Design Rules Check***
- VCC plane is on top and GND plane is on bottom
- No islands-parts isolated from VCC or GND planes)

GamePad Specific

- Net Flags are consistent, components are all named (check screen labels)
- Project Name (with version number) and Designer Name appear on the back silkscreen.
- Teensy is correctly placed on the PCB with USB connector near the edge
- 4 mounting holes (3mm) are placed in the corners of the board

Schematic

- All necessary components are present
- All VCC and GND pins are connected to flags
- All components are appropriately wired
- No wires cross over other component pins
- Schematic has an appropriate title and company (project name and student name)

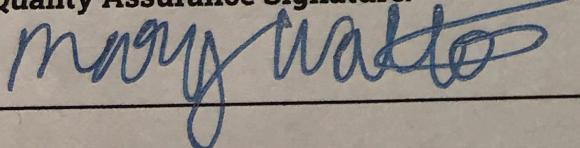
PCB Design

- PCB is within 7,500 mm² limit
- Board outline is continuous and complete
- Board outline has rounded corners
- Components are appropriately spaced and laid out
- Traces are clean, organized, with 45 degree bends
- Vias are used where appropriate, *N/A*
- All Nets have been completed (check Nets panel)
- PCB passes a Design Rules Check***
- VCC plane is on top and GND plane is on bottom
- No islands-parts isolated from VCC or GND planes)

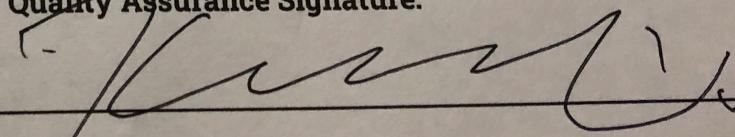
GamePad Specific

- Net Flags are consistent, components are all named (check screen labels)
- Project Name (with version number) and Designer Name appear on the back silkscreen.
- Teensy is correctly placed on the PCB with USB connector near the edge
- 4 mounting holes (3mm) are placed in the corners of the board

Quality Assurance Signature:



Quality Assurance Signature:



Final Approval:

