

Peer Reviews Detailed Notes

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ECE 411 Practicum

Reviews by Andrew Greenburg and Jeff Roman

Comments in **BOLD** followed by actions taken to rectify the issue.

1. **How are you terminating the pins. Do they need to be terminated?** The pins which are not terminated have internal pull-up resistors.
2. **We should consider adding an IDC connector for our daughter boards so that it can be easily disconnected for construction purposes.** We agree and will look into implementing this since it will work with the current design.
3. **More stitching vias might be necessary.** We doubled the amount of stitching vias.
4. **You should take out the power jack if you are not going to use it.** We chose to leave it knowing that it makes the board a little more complicated but adds flexibility for powering it.
5. **+Vcc is not connected to anything so you need to rename nets.** We renamed +Vcc nets to +5V so our schematic was consistent and all pins are correctly powered.
6. **Make sure your team name, version and date are on your board.** This has been fixed.
7. **Pin a: capacitor to sound needs to be close to ground termination.** The capacitor has been moved.
8. **Rip up all ground routed wires that are unnecessary and use the ground plane to accomplish this.** We replaced all routed ground wires with a ground plane where possible.
9. **Turn around USB connector and put it to a power trace.** Both of these issues are fixed.
10. **Add headers.** Headers have been added.
11. **Save after uploading OSH park design rules to get them to stay as default on this project.**
We did this.