ECE 281 Lesson 13 Practice Problem Solution Videos

Below are the Stream Video Links for ECE 281 Lesson 13 in class and design practice problems. They are addressed as one problem per video to make it easier to view specific problems. One note, I have left the second half of the final design practice problem (#3) as an exercise “for the reader”.

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| Lesson | Problem | Stream Video |
| 13 | In-Class Problem Part 1: N-Bit Comparator with Equality and Mag Comp | [Link](https://web.microsoftstream.com/video/00430d3c-bd04-4a3f-82b4-d766d61323e0) |
| 13 | In-Class Problem Part 2: N-Bit Comparator with Full Adder, 2x NOR, Inverter | [Link](https://web.microsoftstream.com/video/6e89ada4-cb5f-4a13-93fd-4b80c8a90ff6) |
| 13 | Design Practice Problem #1: Branching if then else with a<4 evaluation case | [Link](https://web.microsoftstream.com/video/cc44de66-bd74-4ec7-8300-1fa458cb887a) |
| 13 | Design Practice Problem #2: 8-bit comparator with two 4-bit comparators | [Link](https://web.microsoftstream.com/video/eecd62d0-b537-4597-8044-9a39ff45a36b) |
| 13 | Design Practice Problem #3: Overflow flag using full adder and comparators | [Link](https://web.microsoftstream.com/video/43ad30ea-d2f2-4138-8ef2-f51434853c06) |