

# Computer Switch Board

Steak Electronics

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## 1 Requirements

- large pcb board
- fused power input - EDIT: instead I will have a case around the nano, 3d printed, and have the case connect into the pcb, i.e. cutouts for the case in the pcb, and clips on case. the rest of the pcb will be fused somewhere, after the nano. but nano powers it.
- arduino nano
- switch to activate things
- rotary to change number
- 7 digit display to list number, and shift register, resistors
- explanation of what numbers do on board
- 3d printed cover over nano

## 2 build notes

The 7 segment symbols are abstracted in kicad. Job security for engineers.

The example gave a common Vcc, with all pins being connected to GND, and sunked when on.

The data sheet of the 7seg, omits the schematic. but does show that it is common anode, or common vcc. Pin 3 is left out, but that is VCC.