

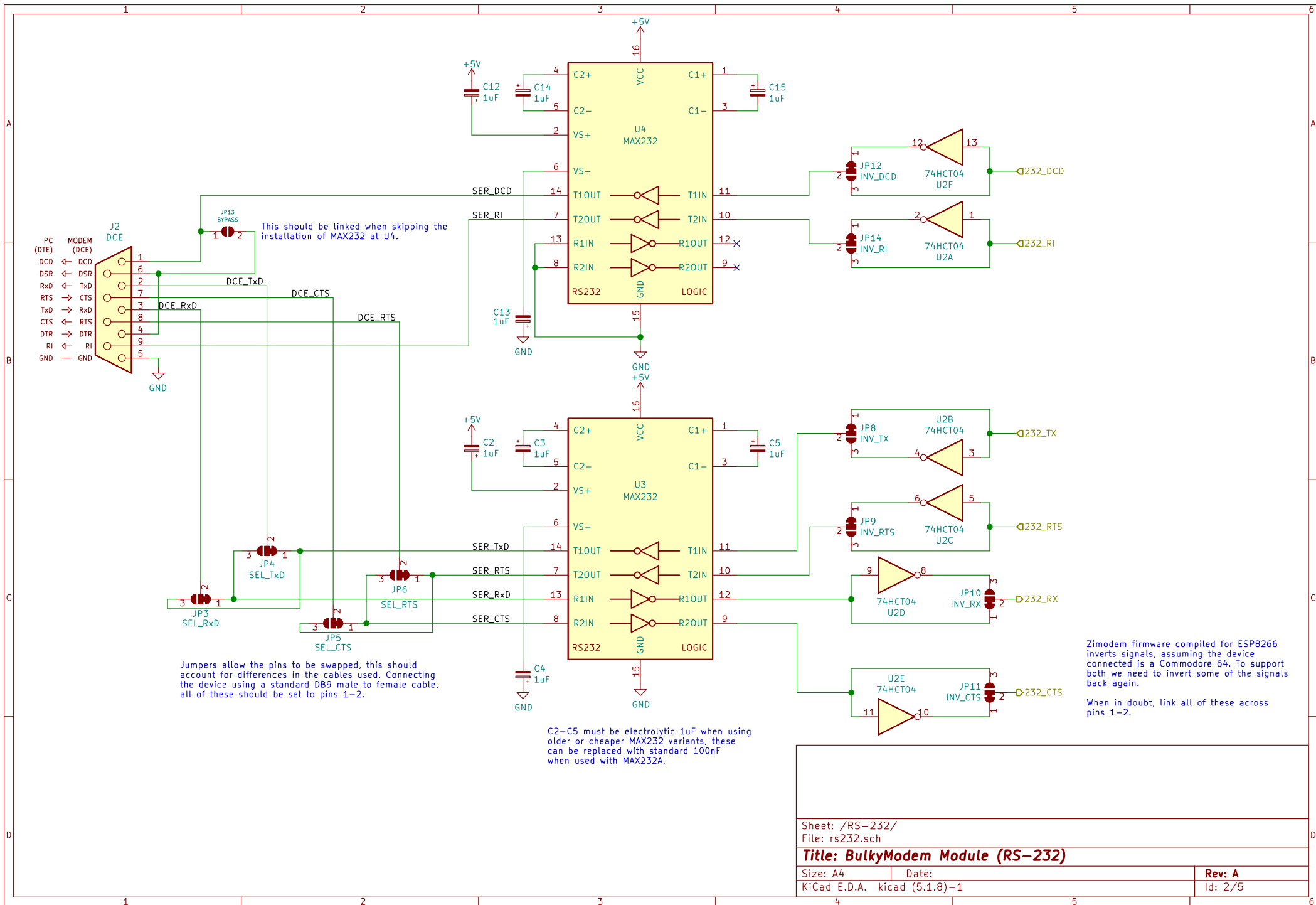
SET_1200 (SW1) Requires a firmware change in order to do something. The idea is to have a button that will have modem revert to default settings (1200 baud, RTS/CTS).

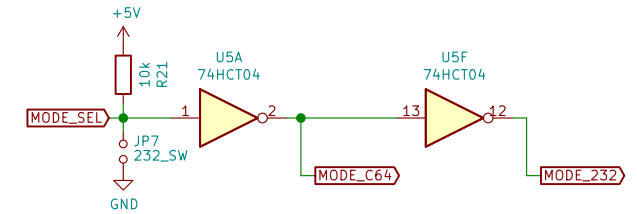
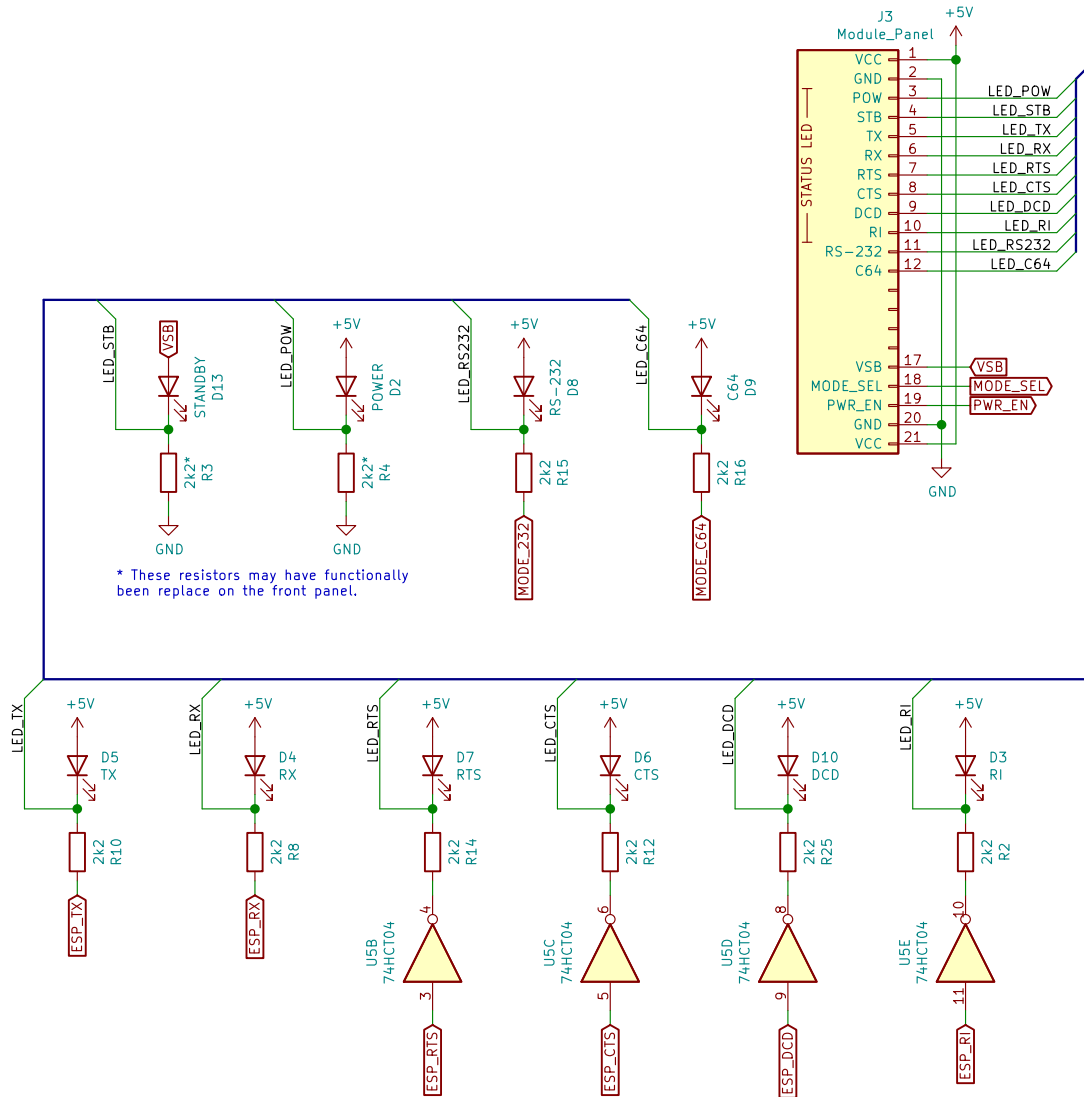
* Install R18 if noise is encountered, otherwise leave unpopulated.

Requires a firmware change in order to set GPIO0 low after boot. This in order to filter out data sent by ESP itself.

Retro WIFI modem, made for the fun of it. The goal is to have it selectable between Commodore 64 and standard RS-232.

Sheet: /	
File: BulkyModem Module.sch	
Title: BulkyModem	
Size: A4	Date:
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	Id: 1/5





JP7 is intended as a way of enabling *one* of the two modes when a front panel has not been installed, jumpering it will override the switches on the panel.

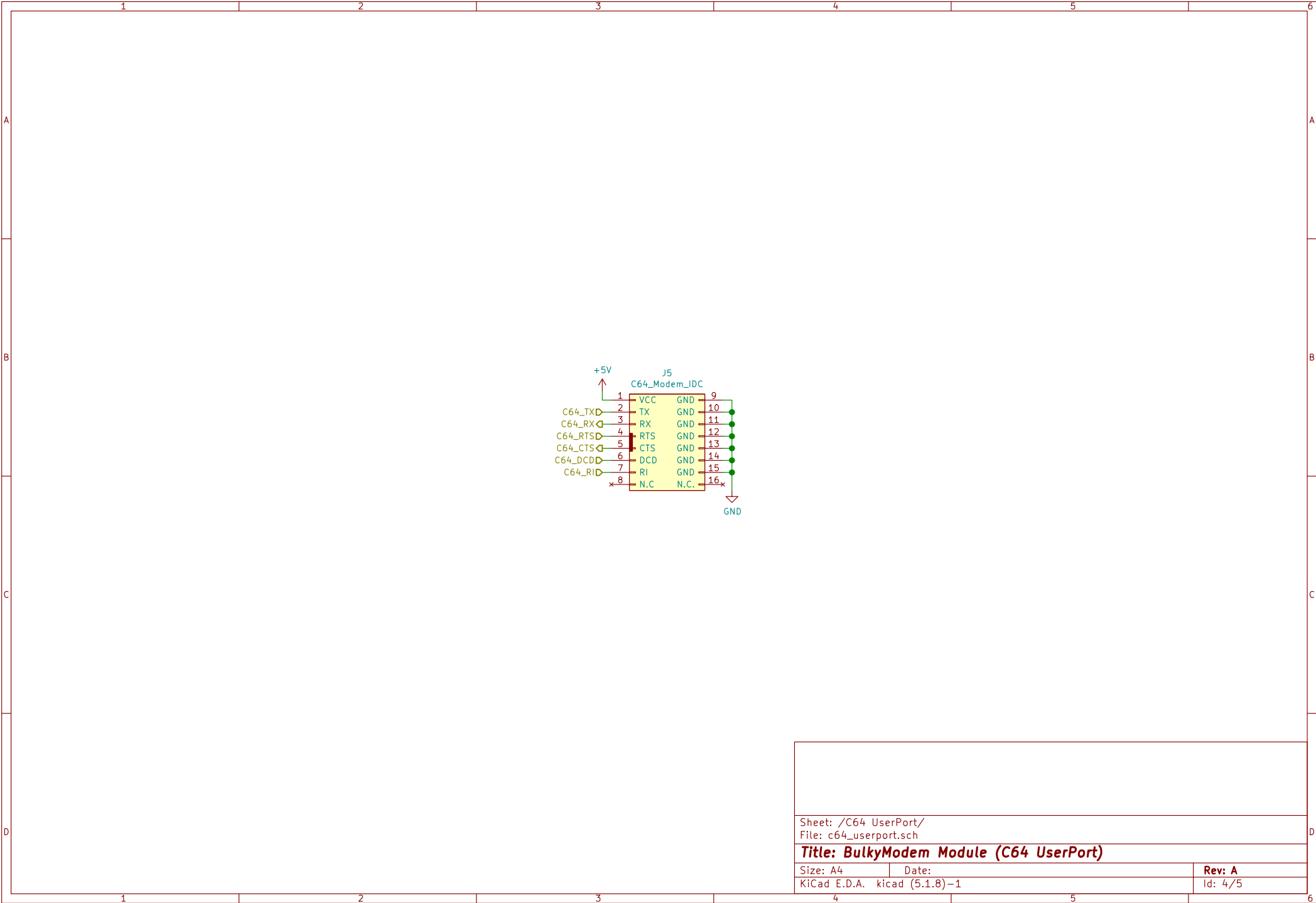
Front panel connector as well as circuitry for switches and LEDs.
LED resistor values are suggested safe values, but need to be adjusted for LEDs used.

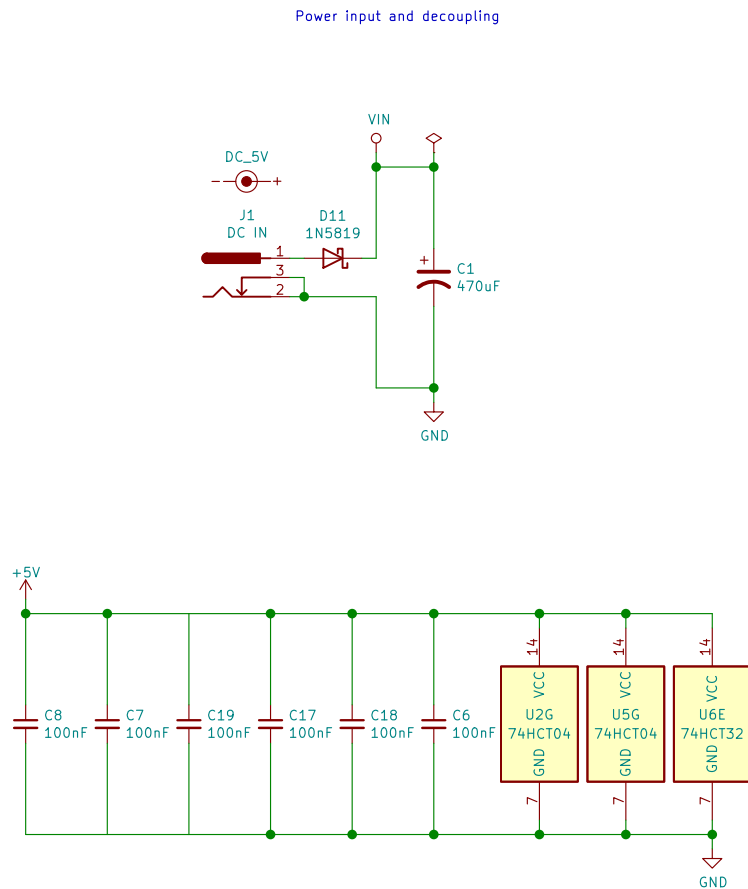
Sheet: /Front panel/
File: front_panel.sch

Title: BulkyModem Module (Front Panel)

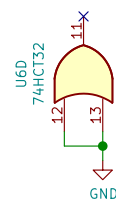
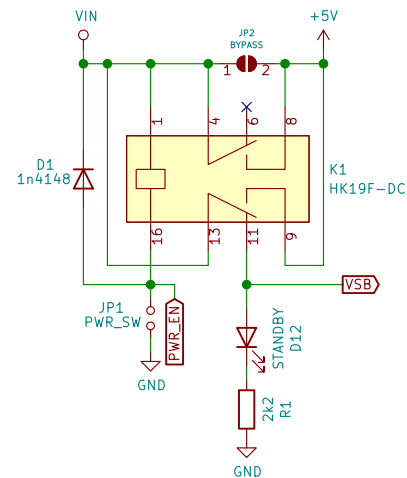
Size: A4
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Date:
Rev:
Id: 3/5





Power switch uses a relay to provide power to the rest of the circuitry beyond the power section itself. This bypasses the kind of dodgy switches, as well as making an exciting clicking sound. Solder in the bypass jumper to skip installing relay, but you'll need to unplug the cable to turn it off.



Sheet: /Power/
File: power.sch

Title: BulkyModem Module (Power)

Size: A4
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Date:
Rev: 5/5