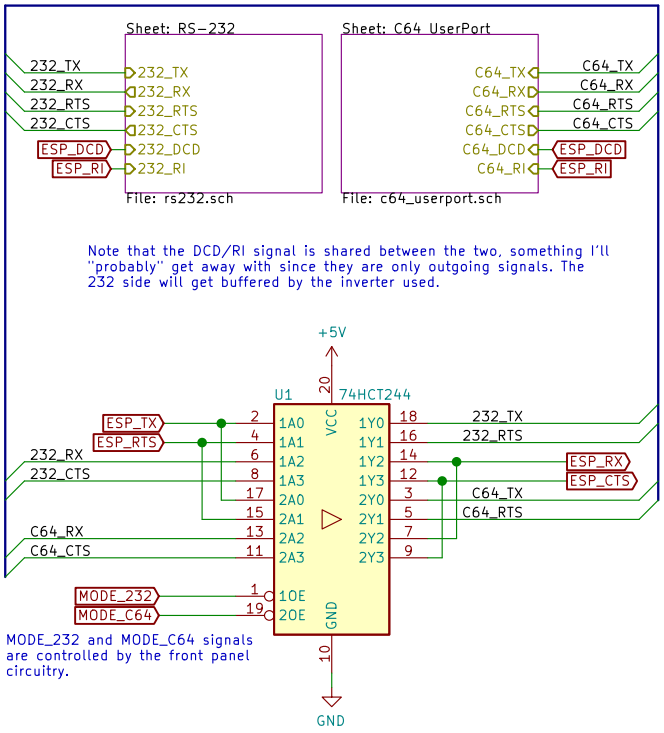
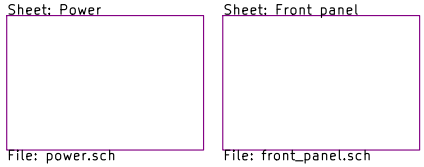
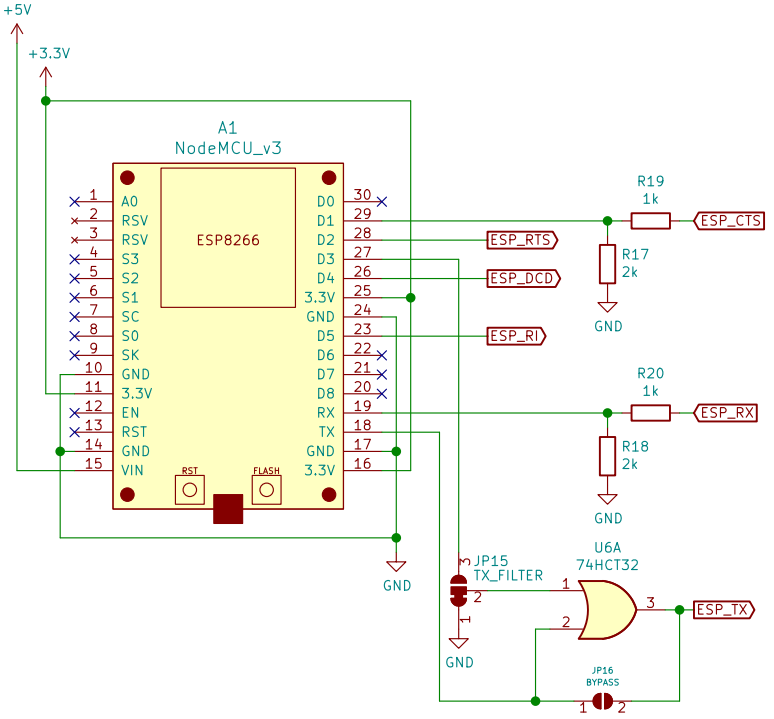


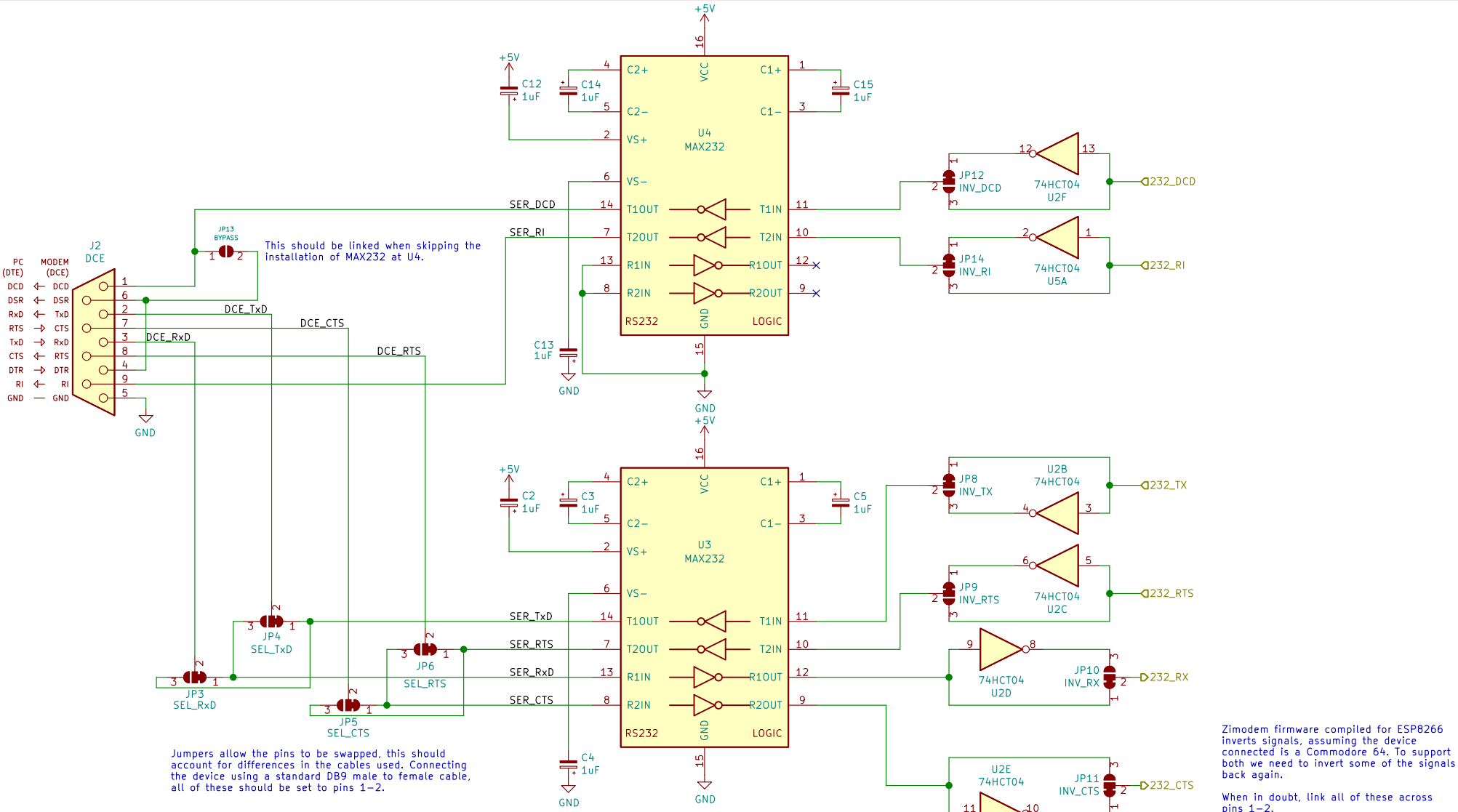




Retro WIFI modem, made for the fun of it. The goal is to have it selectable between Commodore 64 and standard RS-232.

Sheet: /
File: BulkyModem Module.sch

**Title: BulkyModem**

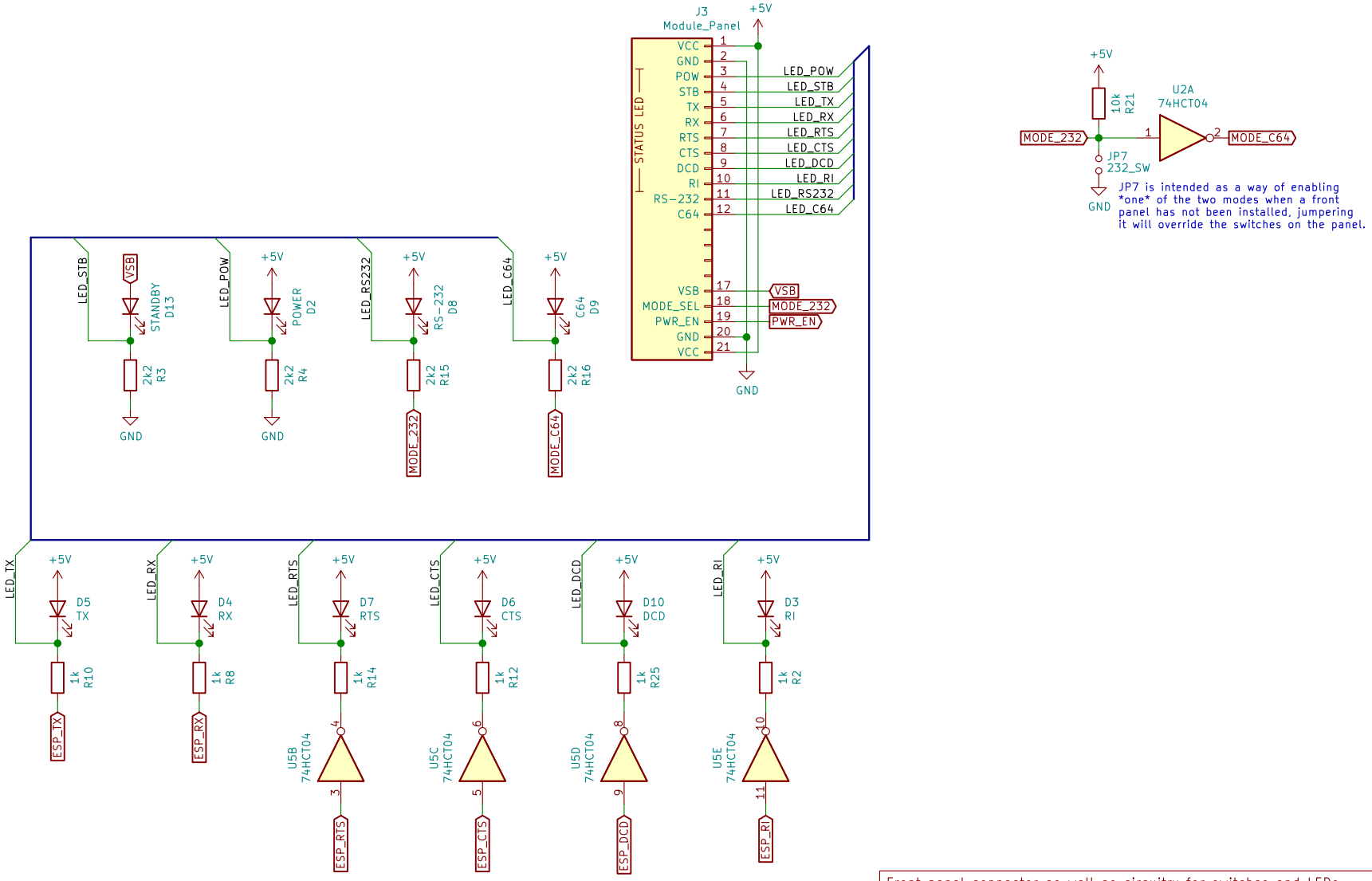
| Size: A4 | Date: | **Rev: A** |
|---|---|---|
| KiCad E.D.A. kicad (5.1.8)-1 | | Id: 1/5 |




Sheet: /RS-232/
File: rs232.sch

**Title: BulkyModem Module (RS-232)**

| Size: A4 | Date: | **Rev: A** |
|---|---|---|
| KiCad E.D.A. kicad (5.1.8)-1 | | Id: 2/5 |

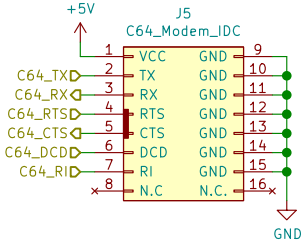



Front panel connector as well as circuitry for switches and LEDs.

Sheet: /Front panel/
File: front_panel.sch

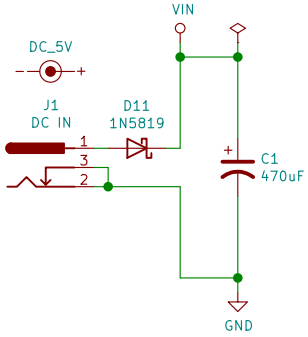
**Title: BulkyModem Module (Front Panel)**

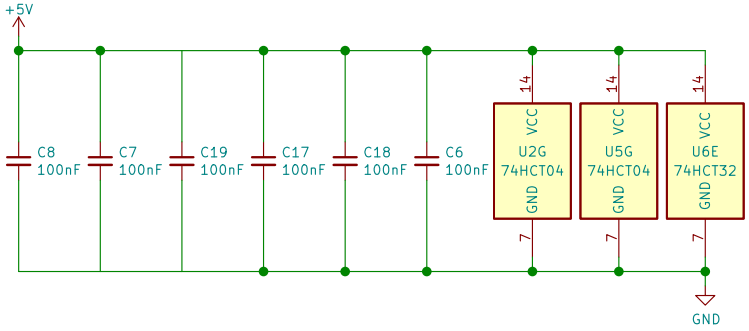
| Size: A4 | Date: | Rev: |
|---|---|---|
| KiCad E.D.A. kicad (5.1.8)-1 | | Id: 3/5 |



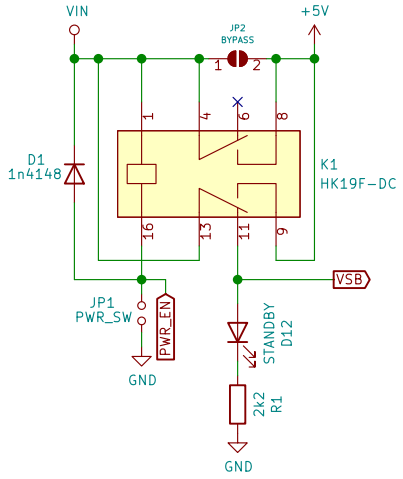

| | | |
|---|---|---|
| Sheet: /C64 UserPort/ | | |
| File: c64_userport.sch | | |
| **Title: BulkyModem Module (C64 UserPort)** | | |
| Size: A4 | Date: | **Rev: A** |
| KiCad E.D.A. kicad (5.1.8)-1 | | Id: 4/5 |

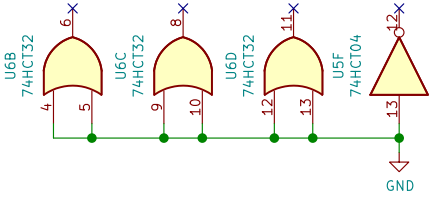
Power input and decoupling




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/<br>File: power.sch | | |
| **Title: BulkyModem Module (Power)** | | |
| Size: A4 | Date: | **Rev:** |
| KiCad E.D.A. kicad (5.1.8)-1 | | Id: 5/5 |