

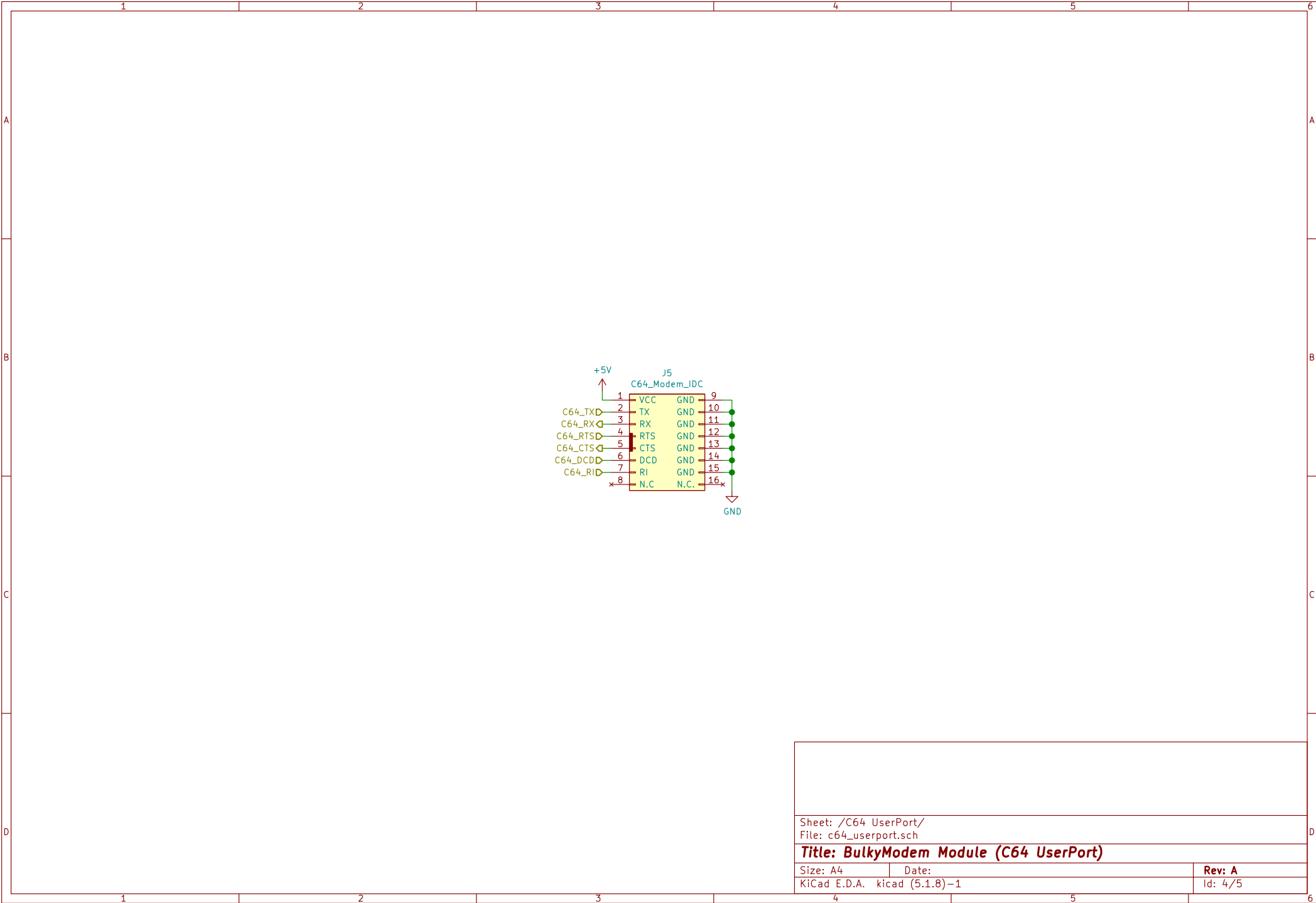
Front panel connector as well as circuitry for switches and LEDs.  
LED resistor values are suggested safe values, but need to be adjusted for LEDs used.

Sheet: /Front panel/  
File: front\_panel.sch

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

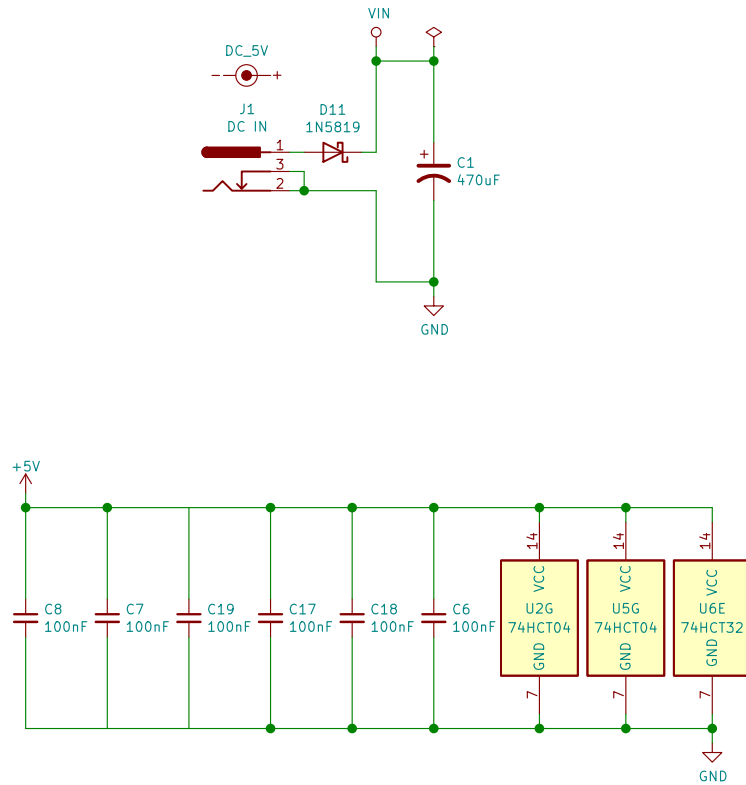
Size: A4  
KiCad E.D.A. kicad (5.1.8)–1

Date:  
Rev:  
Id: 3/5

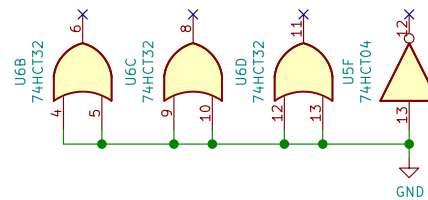
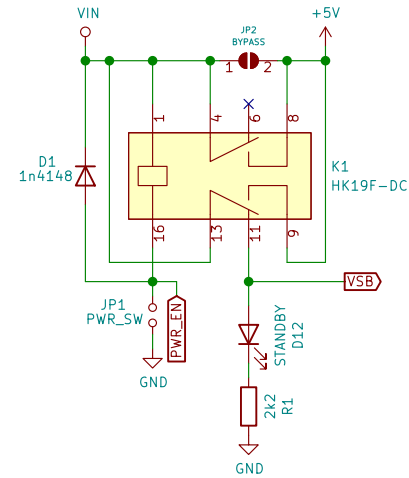


Sheet: /C64 UserPort/ File: c64_userport.sch		
Title: BulkyModem Module (C64 UserPort)		
Size: A4	Date:	Rev: A
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# Power input and decoupling



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/  
File: power.sch

## Title: BulkyModem Module (Power)

Size: A4  
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Date:  
Rev: 5/5