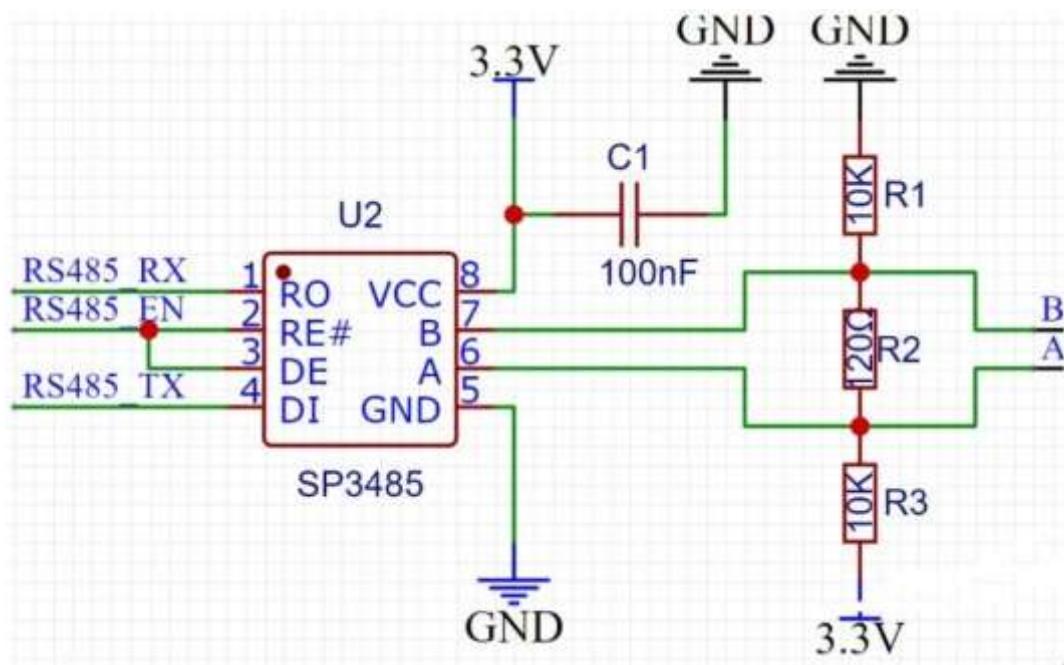
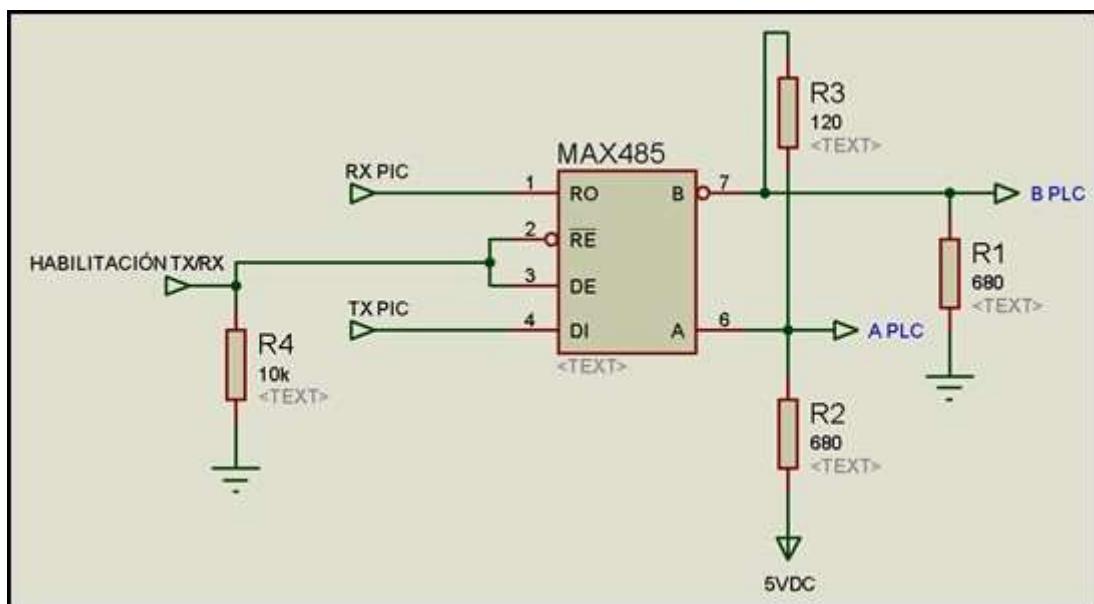


Investigación sobre los esquemáticos que necesitamos para el proyecto

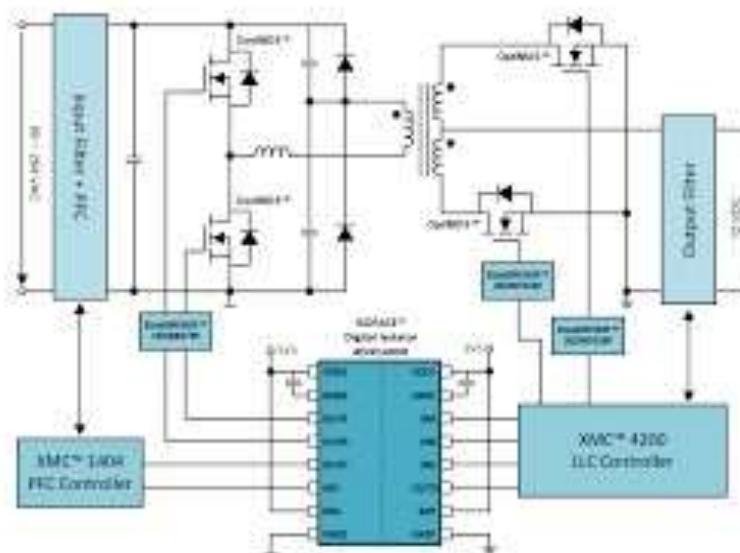
1. Entradas PNP
2. Salidas PNP
3. Entrada 0-10V
4. Salida 0-10V
5. Entrada 4-20ma
6. Salida 4-20ma
7. Entradas NPN
8. Salidas NPN
9. Driver Relay
10. Entrada digital Optocoupler
11. Interface RS-485
12. Protocolo Mod-Bus implementado en el ESP32
13. Medición de CT y AC (investiguen IC para medición de energía preferiblemente I2C y opcional el SPI)

Esquemas electrónicos de las funcionalidades que necesitamos
RS-485

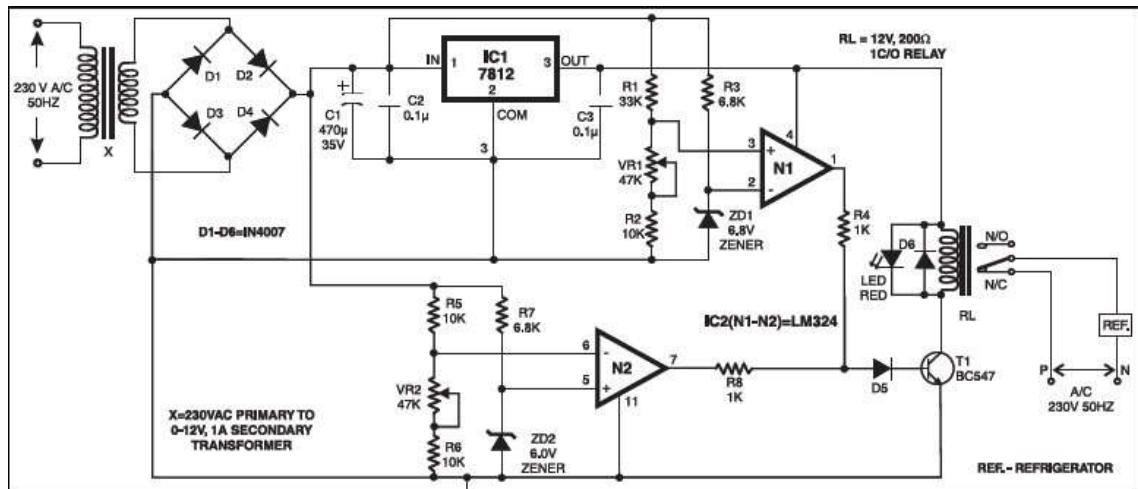
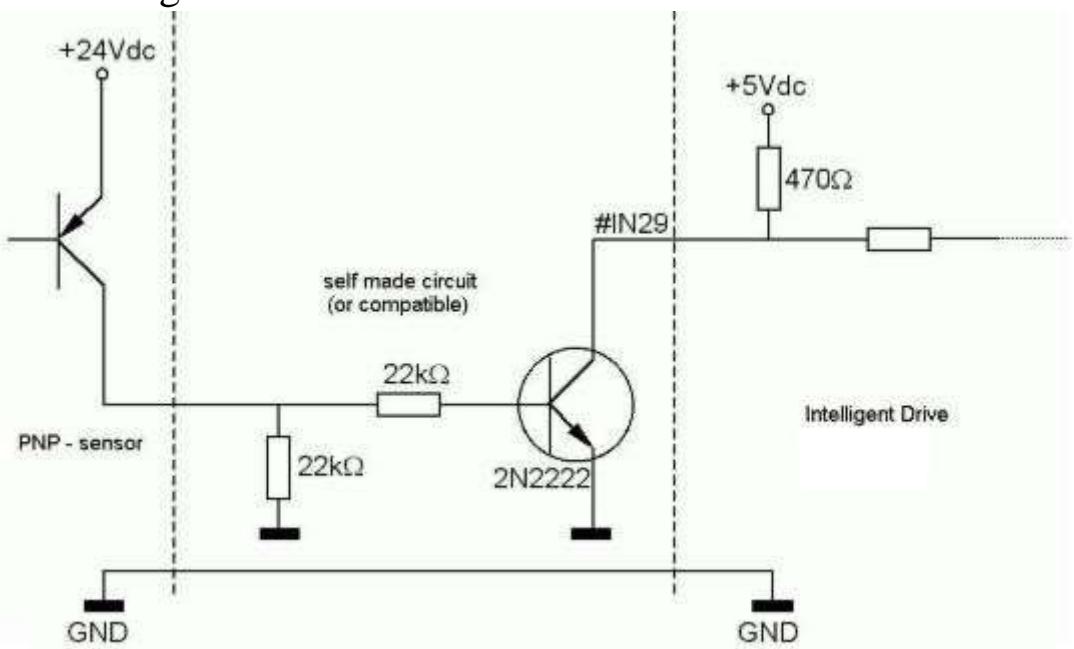




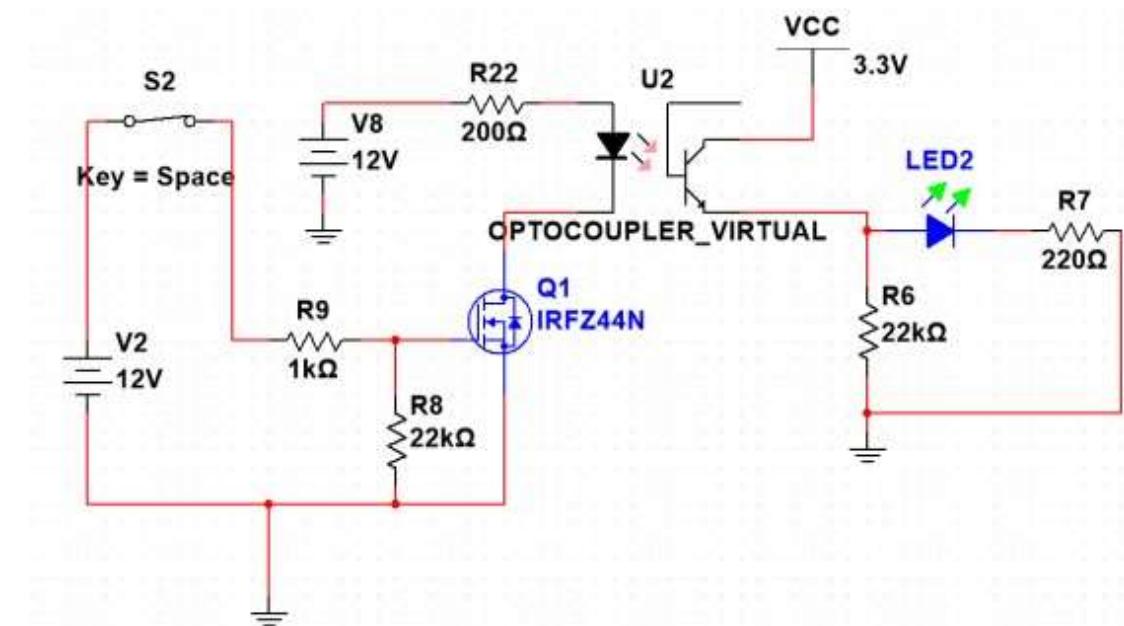
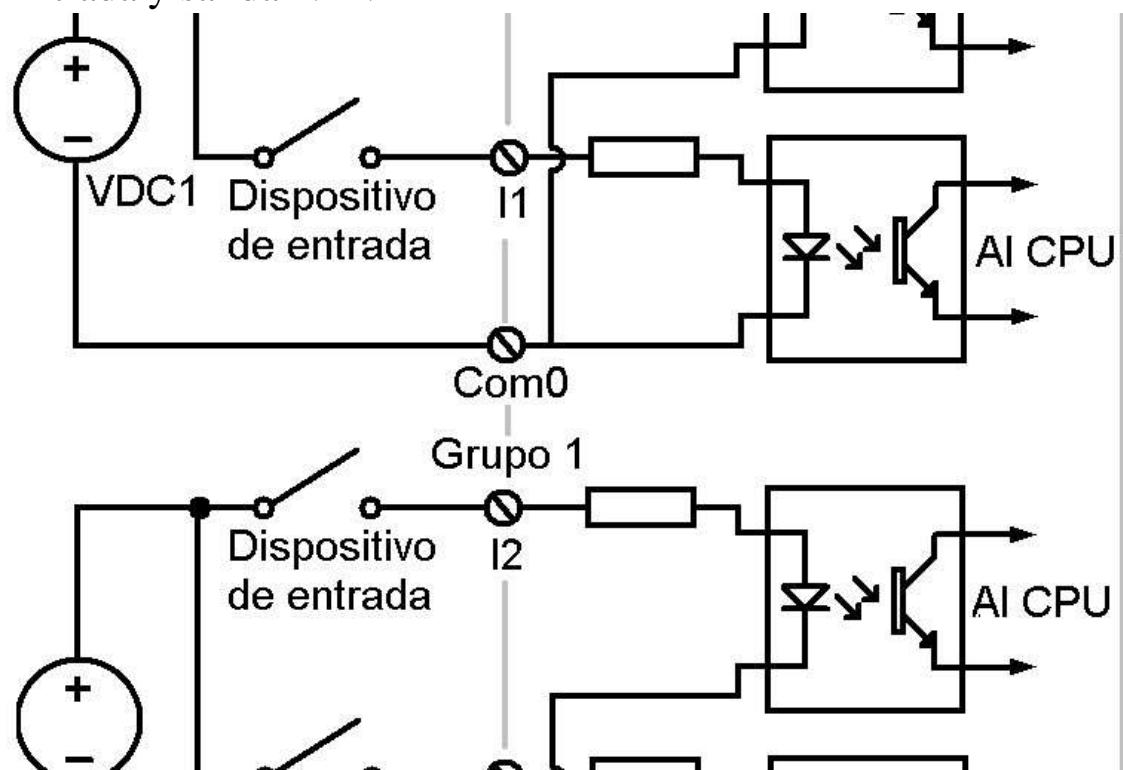
RS-485 con aislamiento



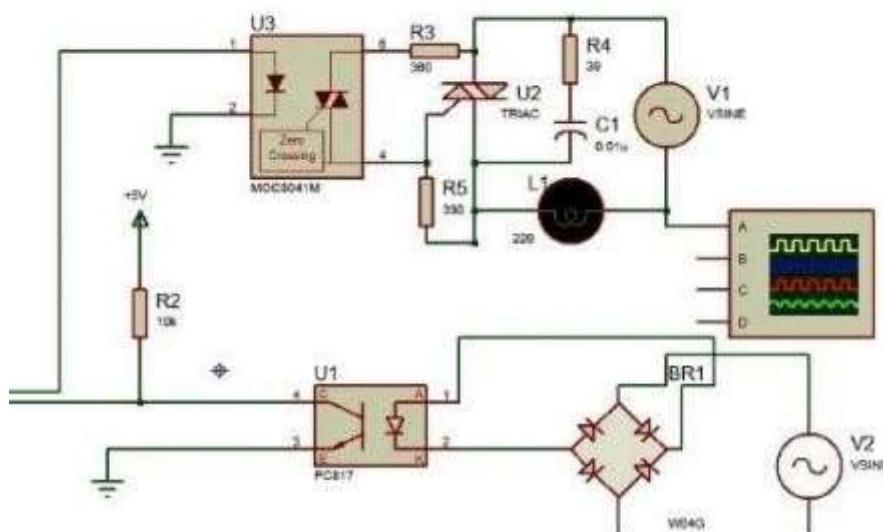
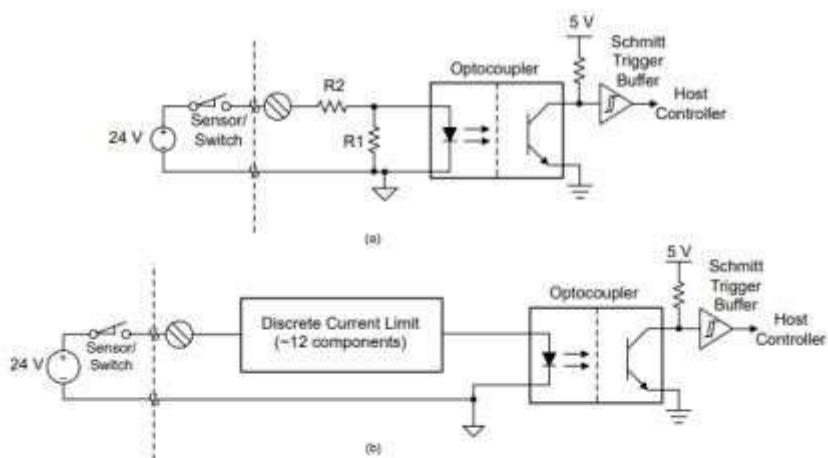
Entrada digital NPN / PNP



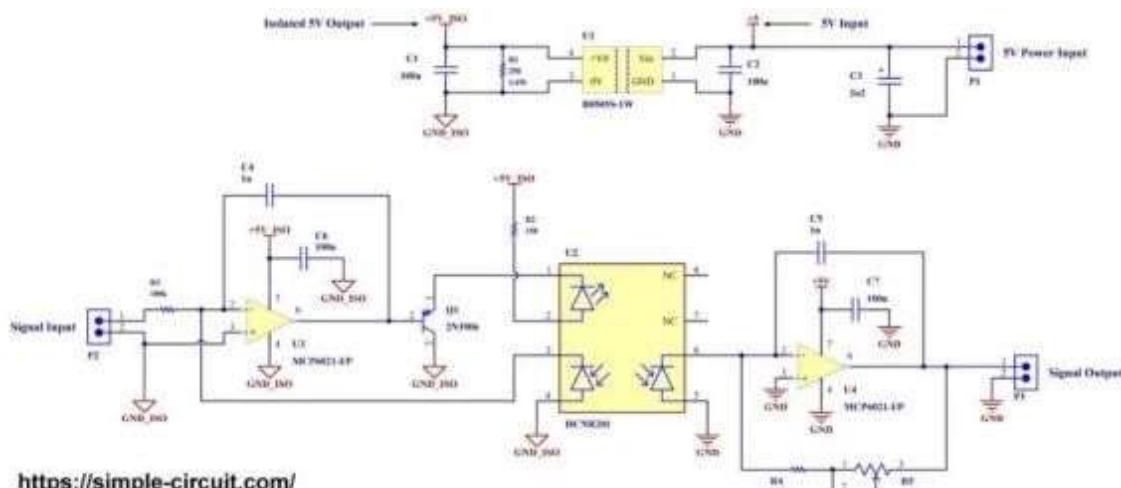
Entrada y salida NPN



0-32v



0-10V



<https://simple-circuit.com/>

4-20mA

ESP

