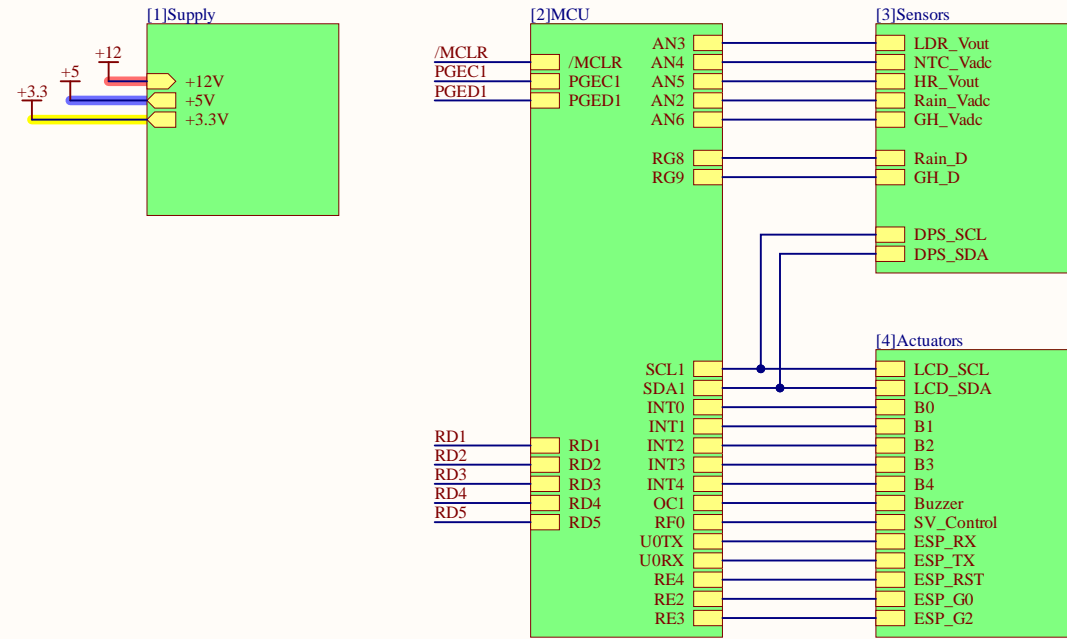
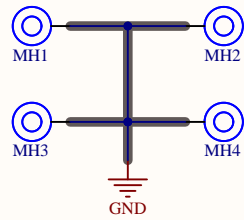


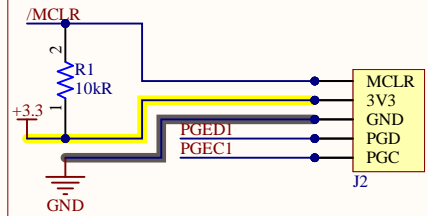
Smart Garden PCB



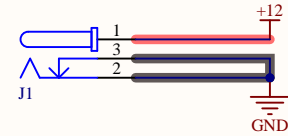
Mounting Holes



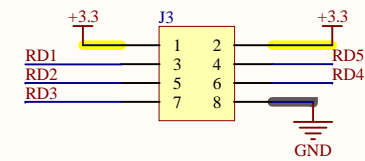
PICKIT4 connector



Supply Connector

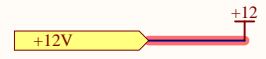


Expansion Connector

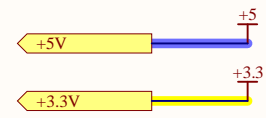


Supply

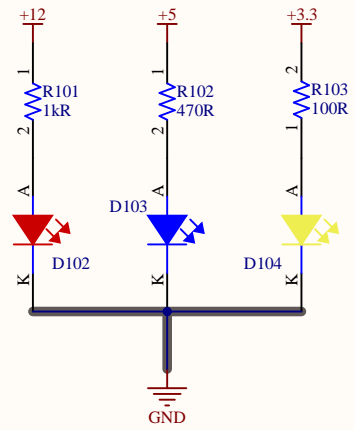
Inputs



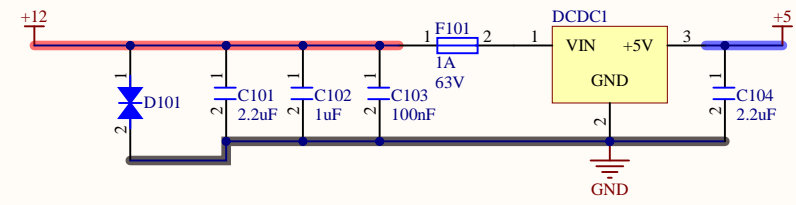
Outputs



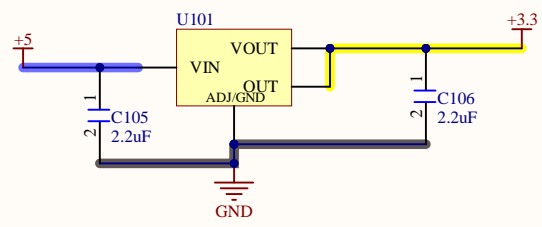
Power LEDs



5V supply

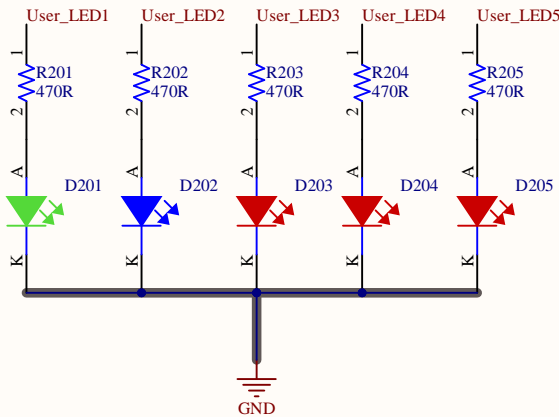


3.3V supply

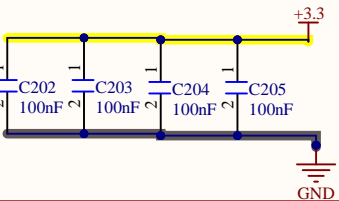


PIC Microcontroller

User LEDs

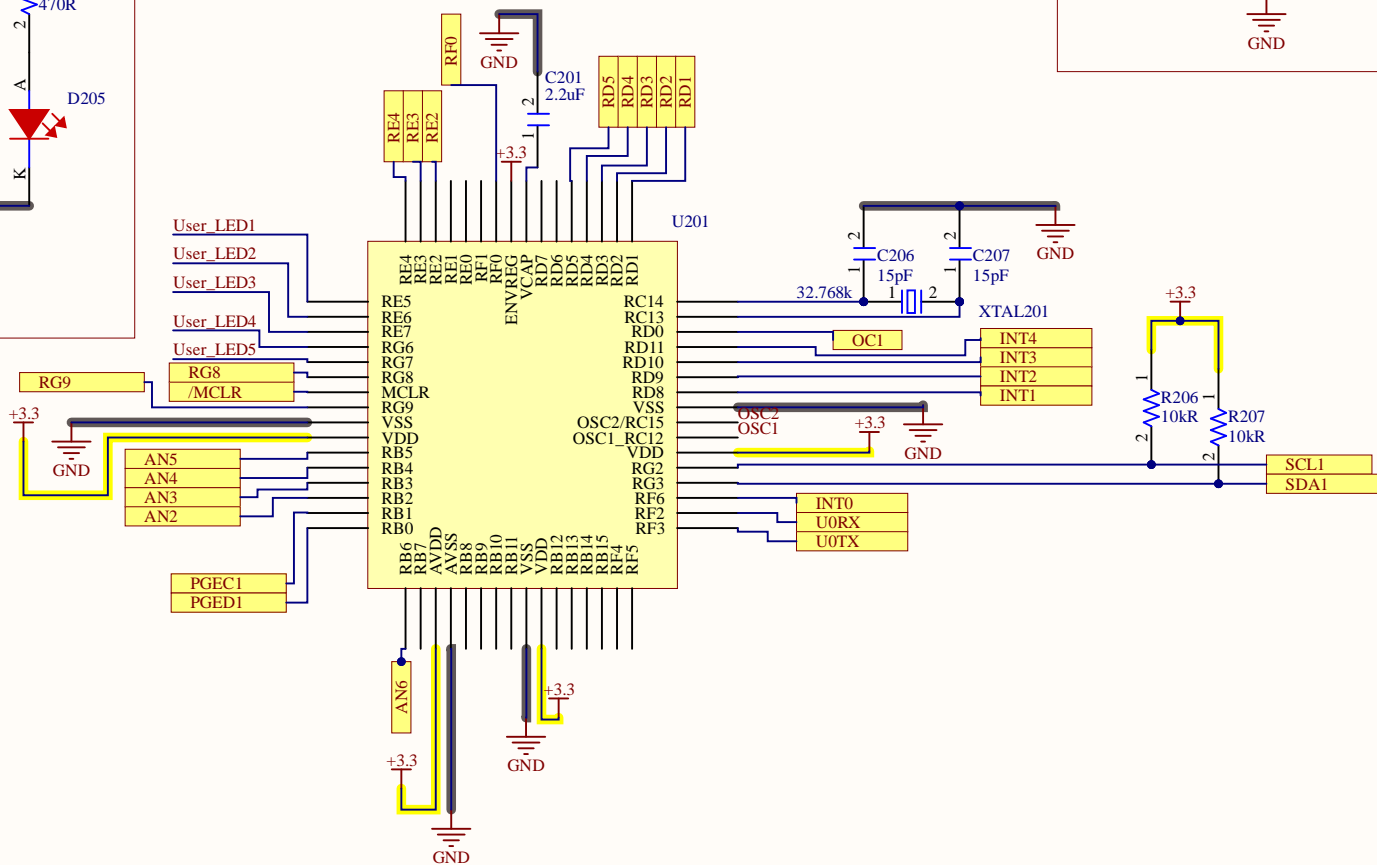
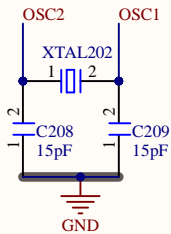


Decoupling capacitors



Place near each VDD and VSS pins

20MHz XTAL

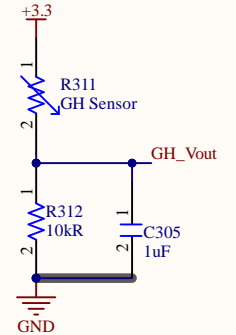


B

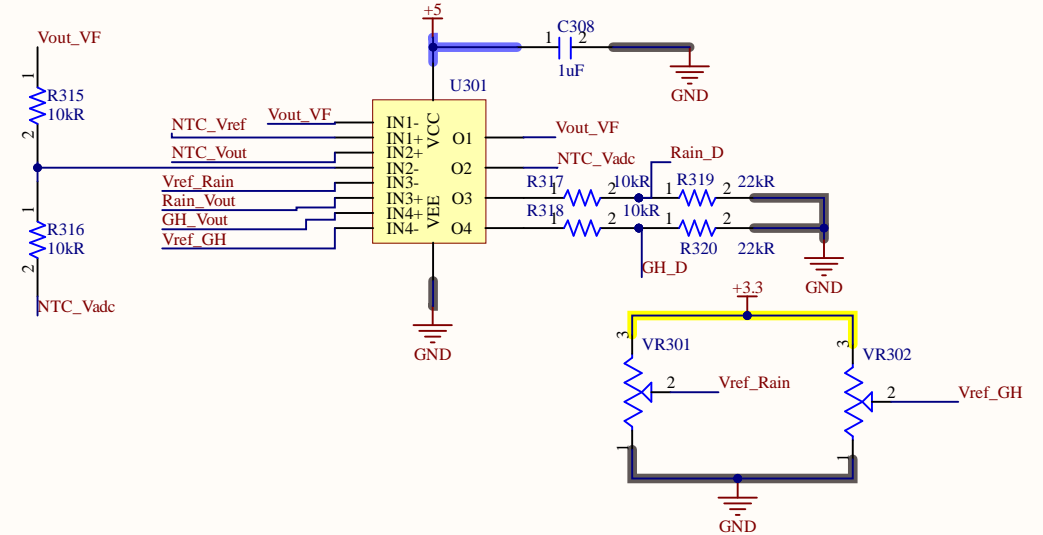
C



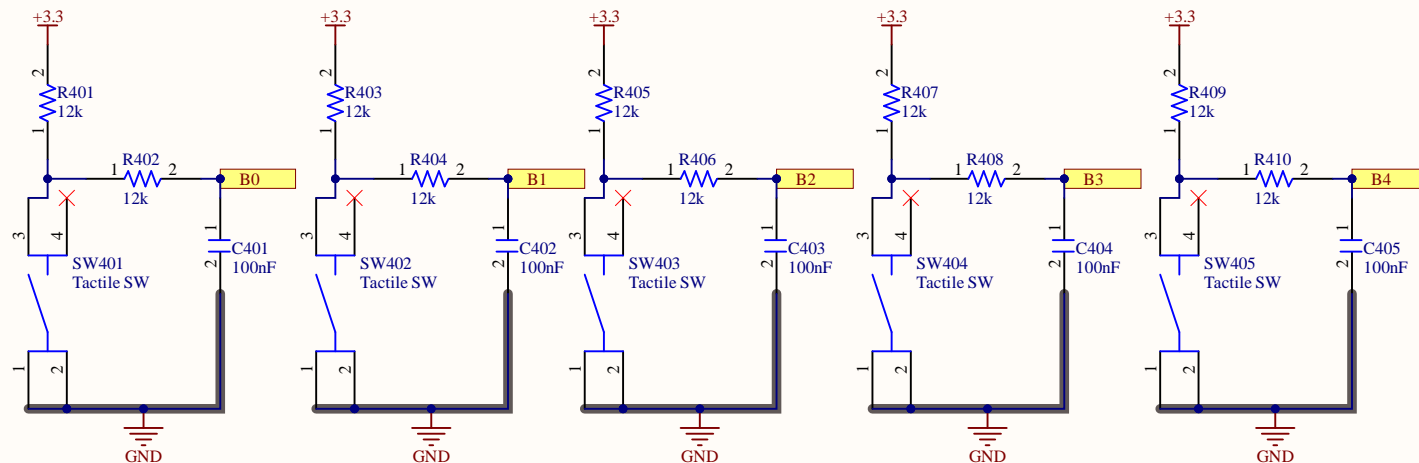
GH sensor



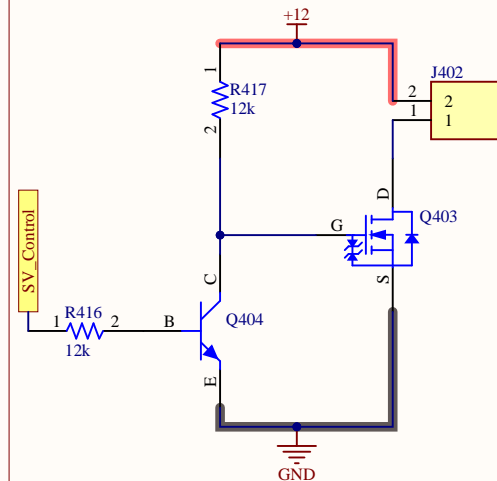
⚠ Device address is 0x77 if SDO is pulled up and 0x76 if SDO is pulled down to GND



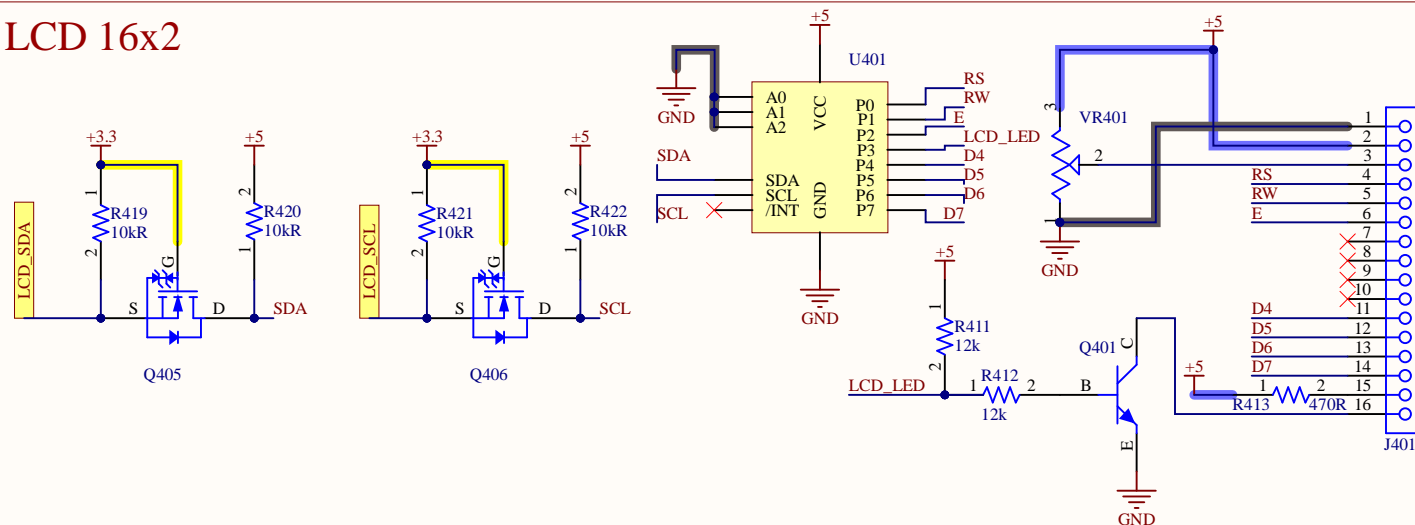
User buttons



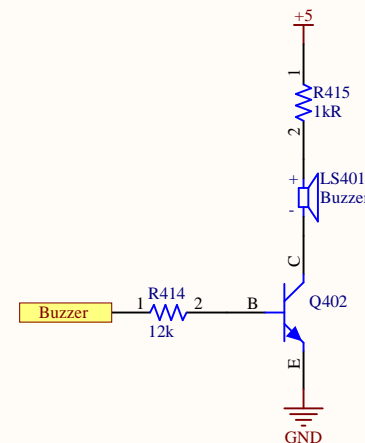
SV control



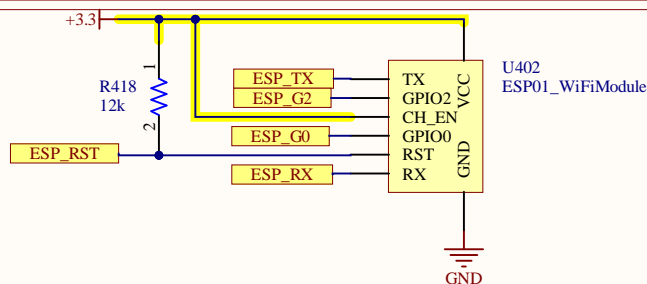
LCD 16x2



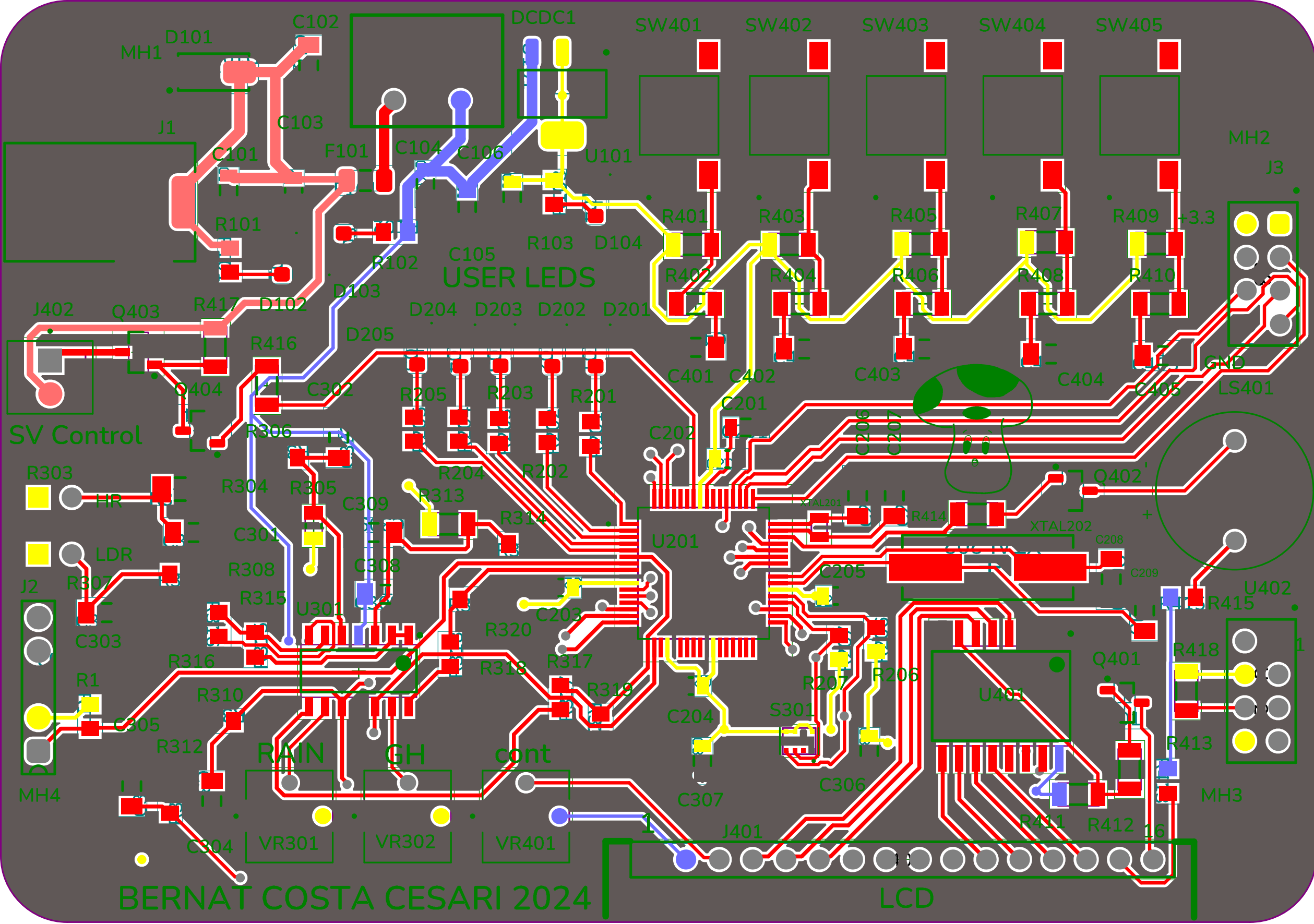
Buzzer

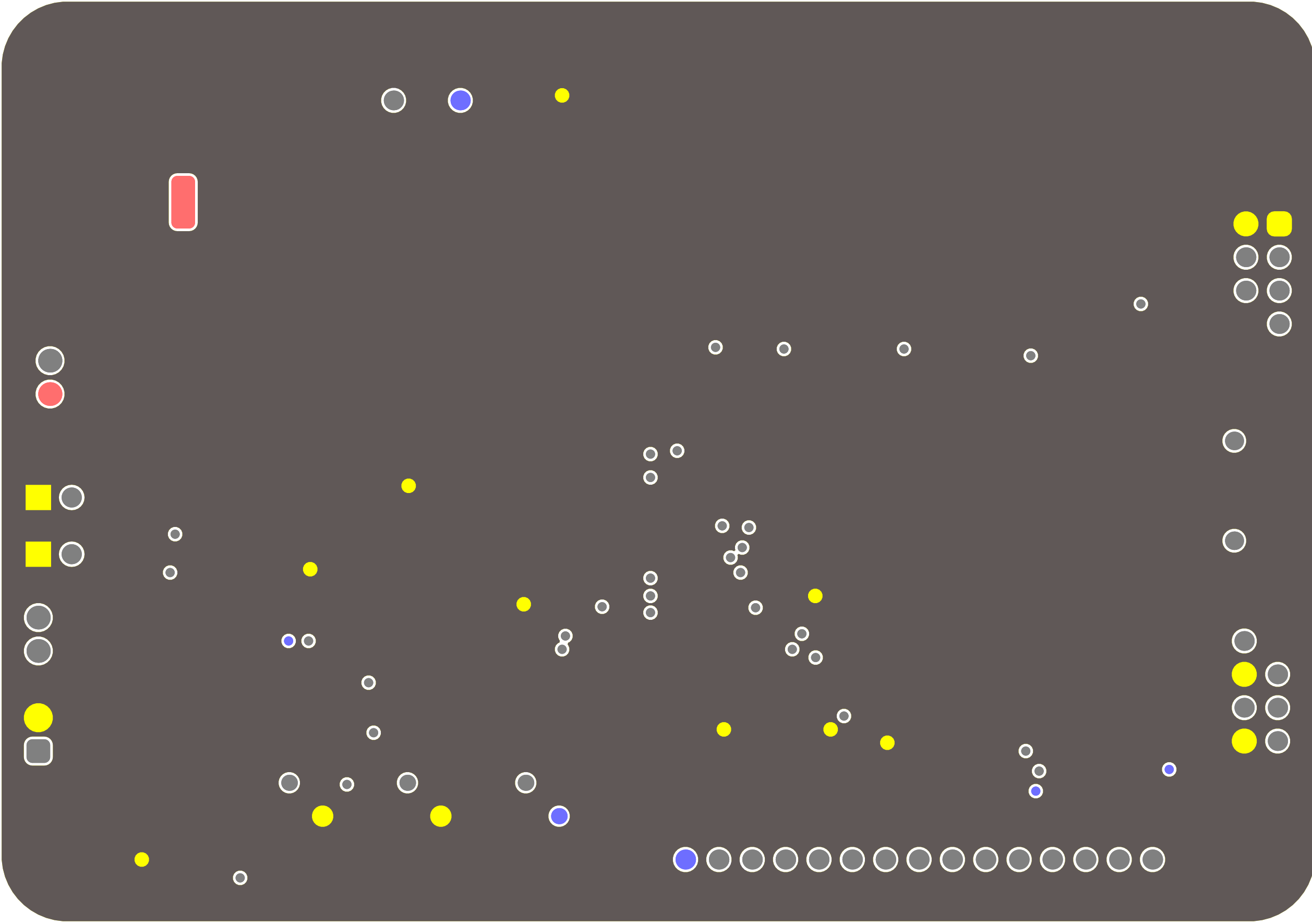


ESP01 WiFi Module



If A2, A1 and A0 are connected to GND read address is 0x71 and write address is 0x70







GH
R311

RAIN
R309

SMART GARDEN PCB

R421

R422

R420

Q406

R418

Q405

