**BLOCK DIAGRAM**

Push Buttons

DC Motors

ESP32-C3  
(Wireless)

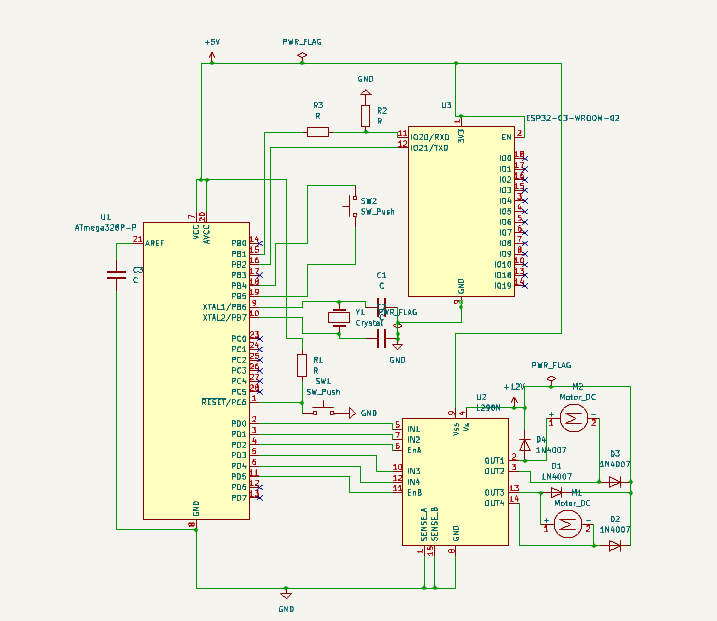
ATmega328P  
(Microcontroller)

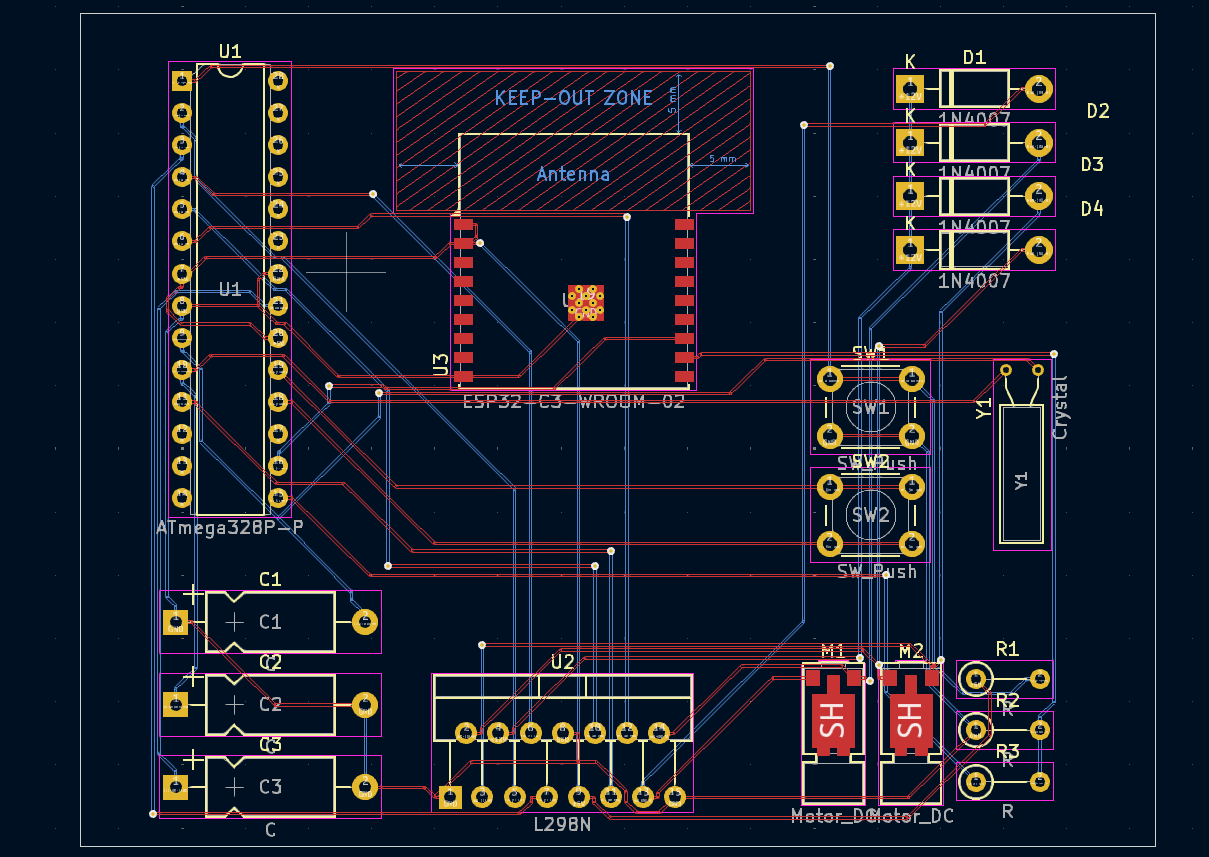
L298N Driver  
Controls Motors

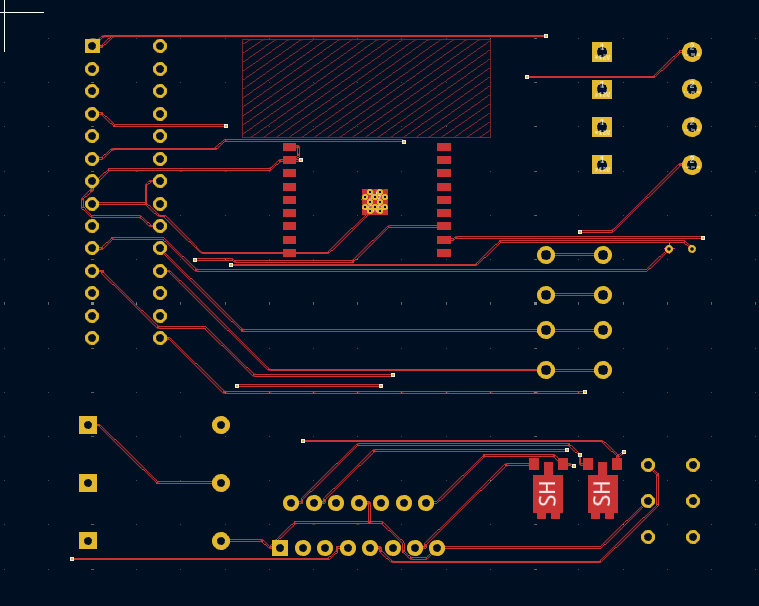
+5V / +12V Power Supply

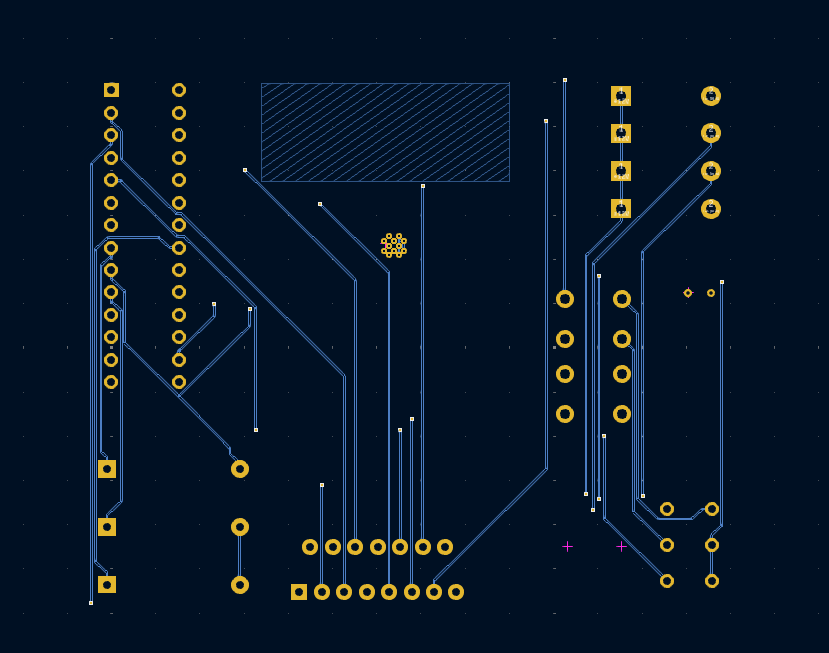
+5V for MCU

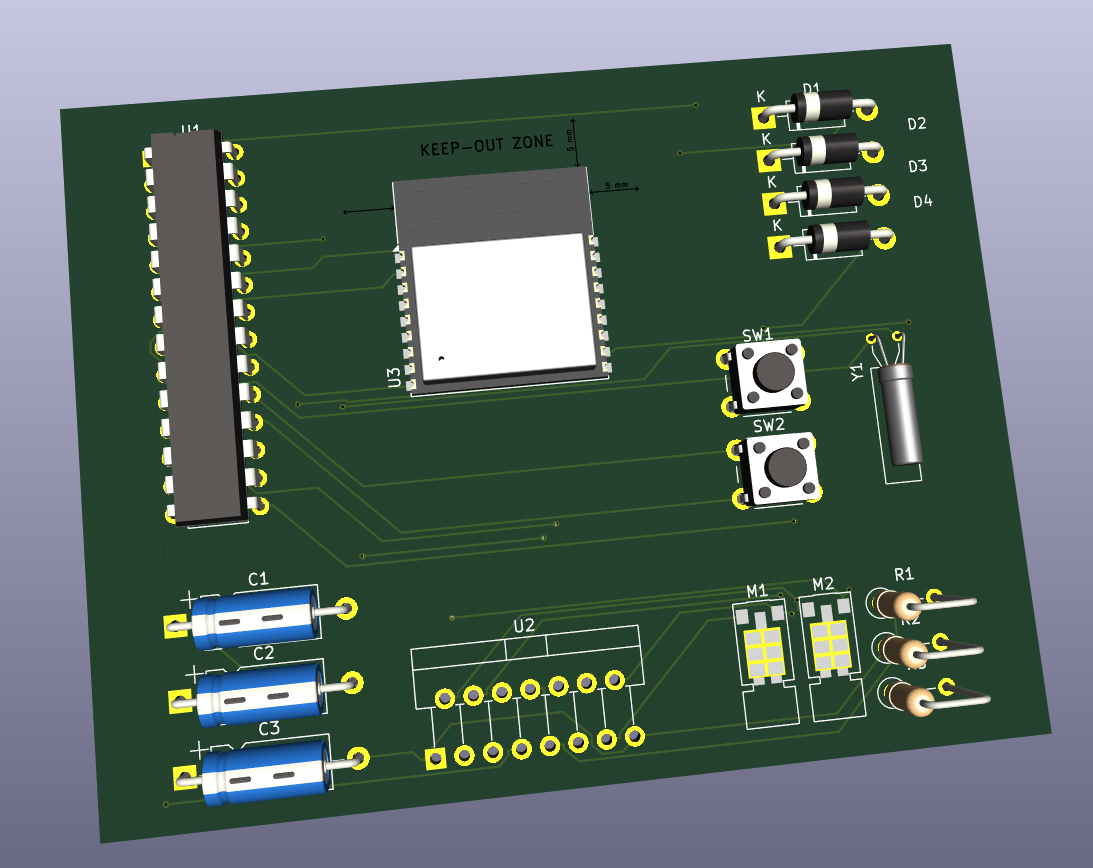
+12V for Motors

SCHEMATIC DIAGRAM

**LAYOUT**

FRONT COPPER

BACK COPPER

**3D OF PCB**