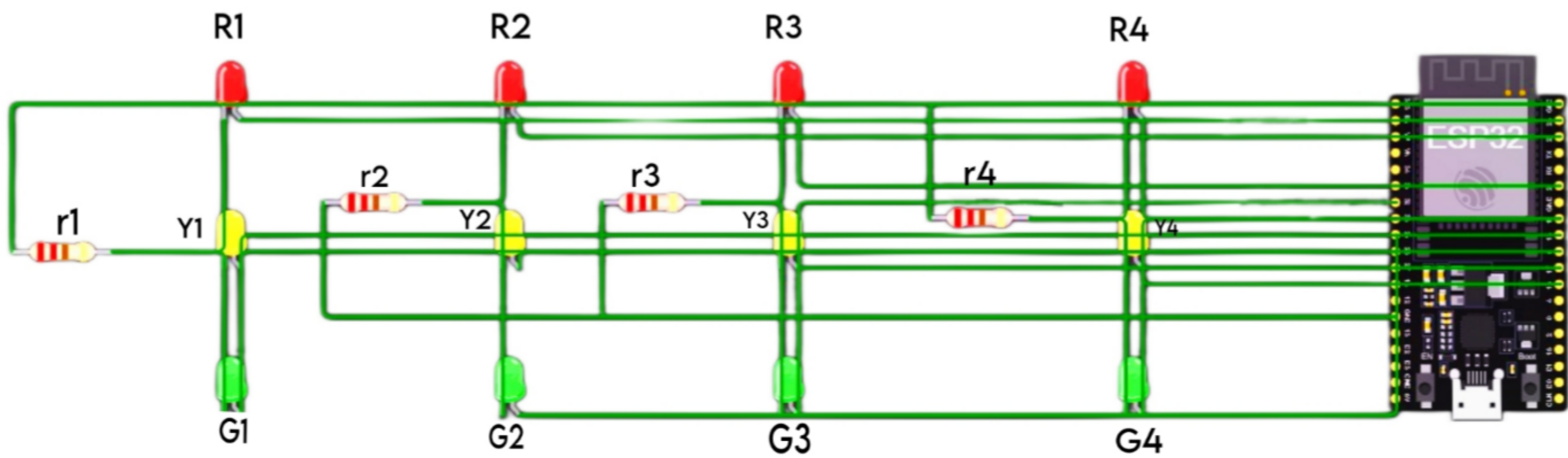


Circuit diagram of the traffic light signal :



In the above figure, the connection are as follows -

- Anode of R1 to pin 23 of ESP32
- Anode of Y1 to pin 18 of ESP32
- Anode of G1 to pin 26 of ESP32
- Anode of R2 to pin 22 of ESP32
- Anode of Y2 to pin 5 of ESP32
- Anode of G2 to pin 25 of ESP32
- Anode of R3 to pin 21 of ESP32
- Anode of Y3 to pin 17 of ESP32
- Anode of G3 to pin 32 of ESP32
- Anode of R4 to pin 19 of ESP32
- Anode of Y4 to pin 16 of ESP32
- Anode of G4 to pin 33 of ESP32
- Cathode of R1 , Y1 , G1 to register r1 to ground
- Cathode of R2 , Y2 , G2 to register r2 to ground
- Cathode of R3 , Y3 , G3 to register r3 to ground
- Cathode of R4 , Y4 , G4 to register r4 to ground