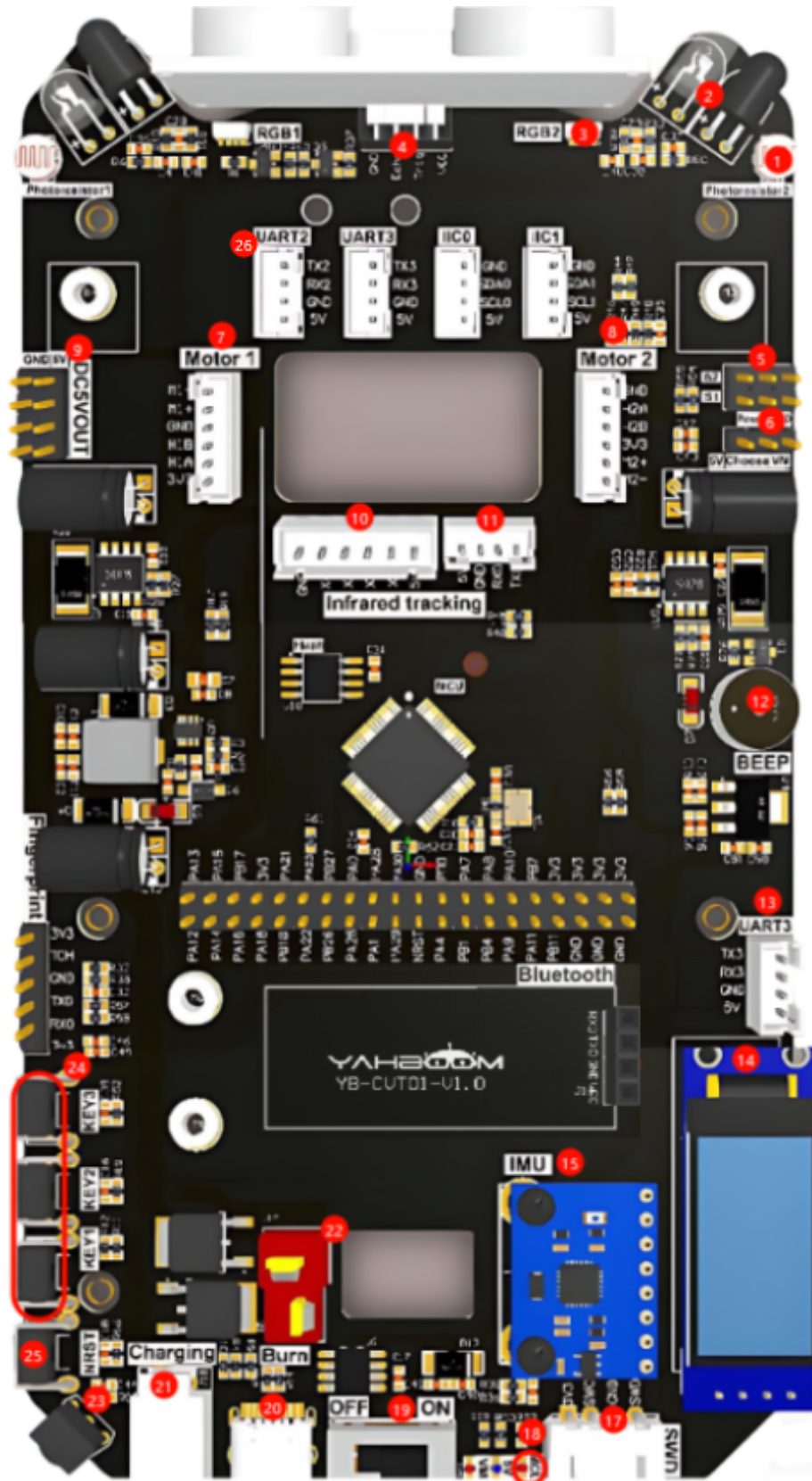# Development Board Pin Resources

Below is the interface diagram of the MSPM0 car development board

1. Photoresistor (one on each side)
2. Infrared transmitter-receiver pair (one on each side)
3. RGB LED (one on each side)
4. Ultrasonic sensor interface

5. 9G servo interface (supports two servos 5V - 7.4V)
6. Servo interface voltage selection jumper: Short Choose and VM for 7.4V, default is 5V
7. Left motor interface (TTL motor 13-line gear ratio 1:45)
8. Right motor interface (TTL motor 13-line gear ratio 1:45)
9. 5V output pin
10. Four-channel line tracking module interface
11. Eight-channel line tracking module interface
12. Active buzzer interface
13. AI voice interaction integrated module interface
14. OLED interface
15. MPU6050 six-axis sensor interface
16. Bluetooth module interface
17. SWD debugging interface
18. MCU programmable indicator LED (red)
19. Power switch
20. USB interface: Can be used for Uniflash programming (BSL), debugging serial port
21. Battery charging interface
22. Battery interface for 7.4V lithium battery
23. Infrared remote control receiver module
24. Three custom buttons
25. Reset button
26. K210/K230 interface