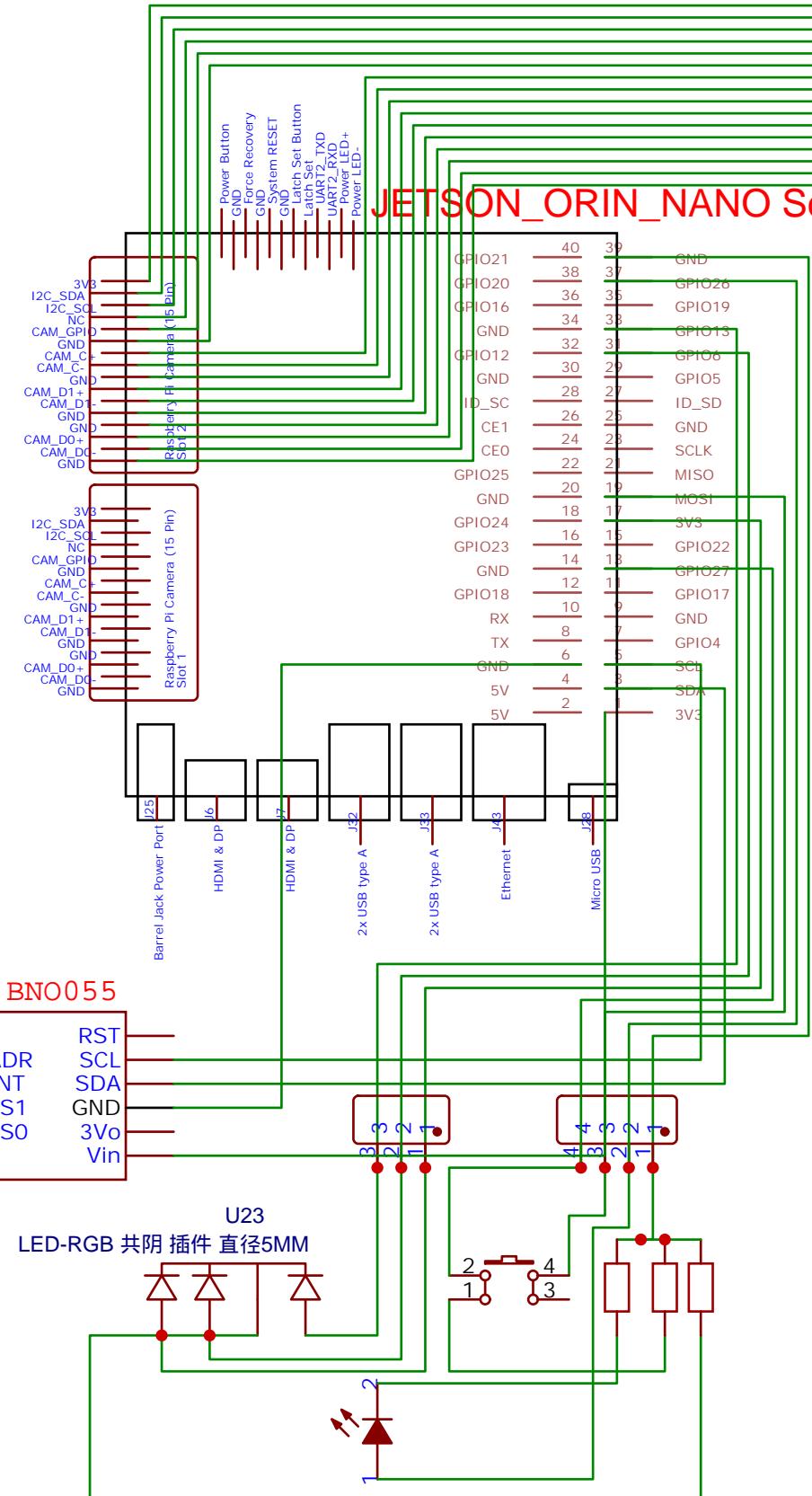


1 2 3 4 5

A



TCRT5000 Infrared Line Tracking Proximity Sensor

TCRT5000 Infrared Line Tracking Proximity Sensor

KEY2
K2-3.6 x 6.1_SMD

Sony IMX477

U10

+5V OUT+
-5V OUT-
U8 ADIO-DC36V5A

+12V IN+
-12V IN-
1 IN+
2 IN-
3 OUT+
4 OUT-

Raspberry Pi Pico W

LiPo 11.1 V 3s

U7 L293D

BACK RIGHT WHEEL SERVO

TITLE:

WRO2025_FE-Fire-On-All-Cylinders

REV: 1.0



Company: snjh HU, SIAN-YI

Sheet: 1/1

Date: 2025-06-12 Drawn By: eason853789

U6

Proximity

Sensor

U21

Proximity

Sensor

U2
UltrasoundU22
Ultrasound

VCC

GND

DO

AO

Infrared IR

VCC

GND

DO

AO

Infrared IR

U2

Ultrasound

U22

Ultrasound

1 G

2 E

3 T

4 V

1 G

2 E

3 T

4 V

M1 MG514P30

M

VMB

VMA

ENCA

ENCB

ENC+

ENC-