



MAKE NTU  
G36  
不要叫我想

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We need it, we MAKE it.



# SMART LOCK

- 
- 兩種方法 單手開/上鎖
  - 自動上鎖
  - 輕鬆找到車

# Functions

- Lock / Unlock
- Speed detect
- LED
- Buzzer

# 操作流程

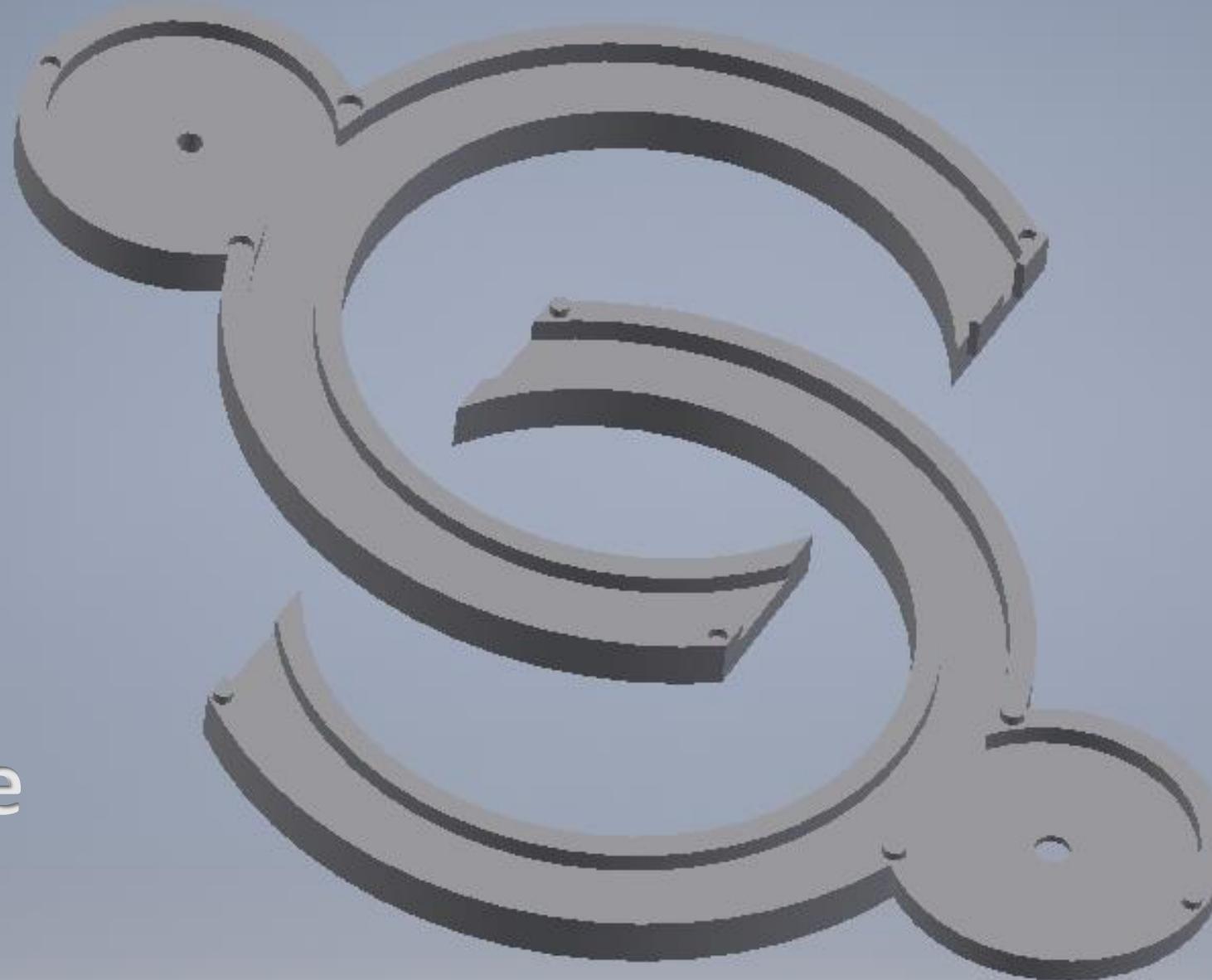
- 手機藍牙控制
- RFID感應磁卡





結構

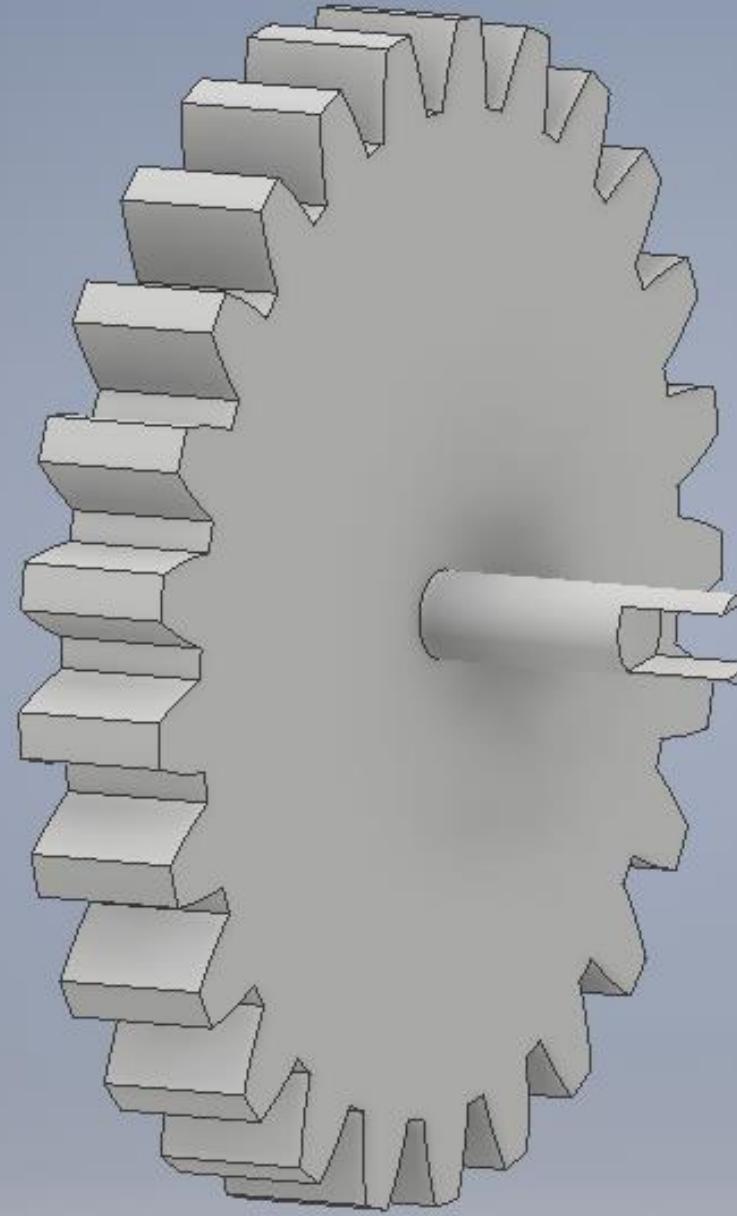
Frame



# Gears



# Driving Gear

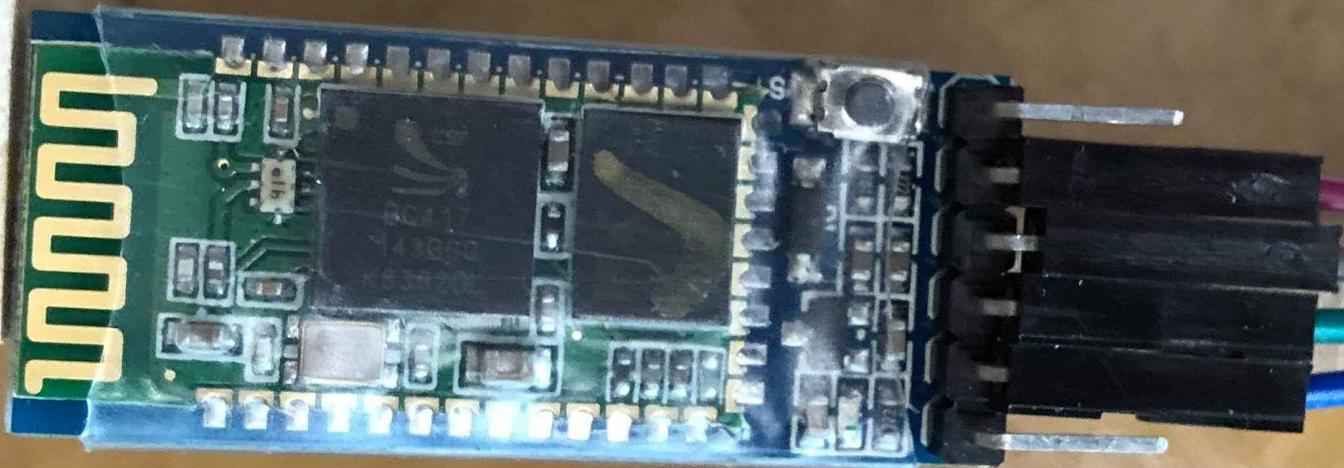




# 模組

- Arduino UNO
- HC-05 Bluetooth Module
- MFRC522 RFID
- KY-024 Hall Sensor
- Stepper + ULN2003
- Buzzer

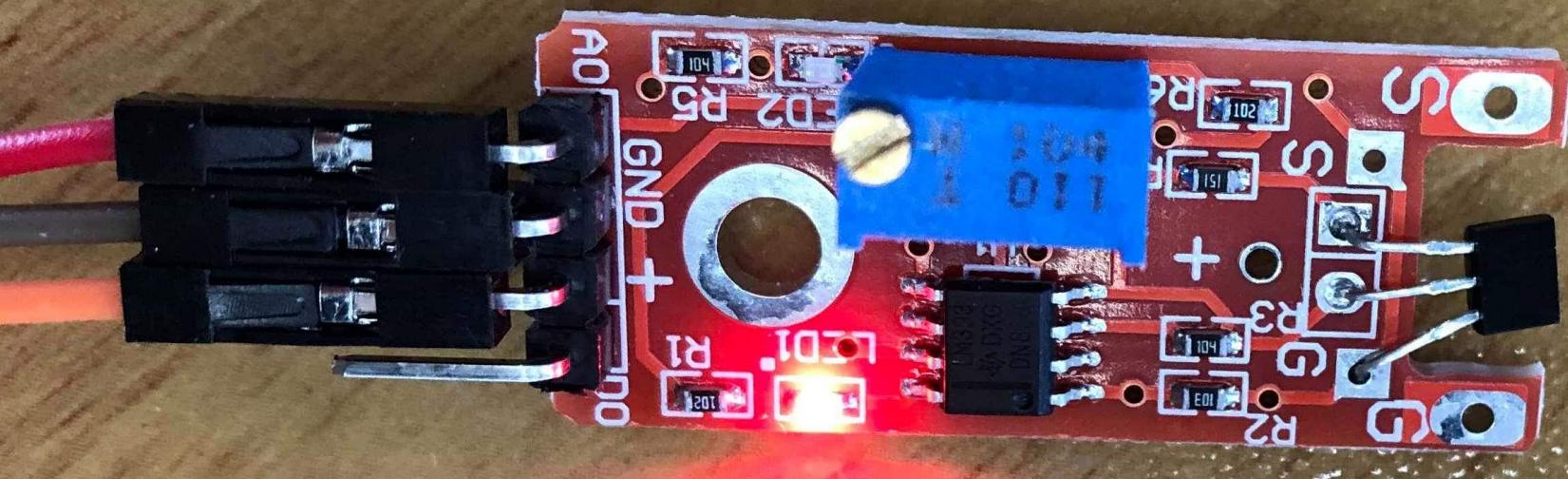
# HC-05 Bluetooth



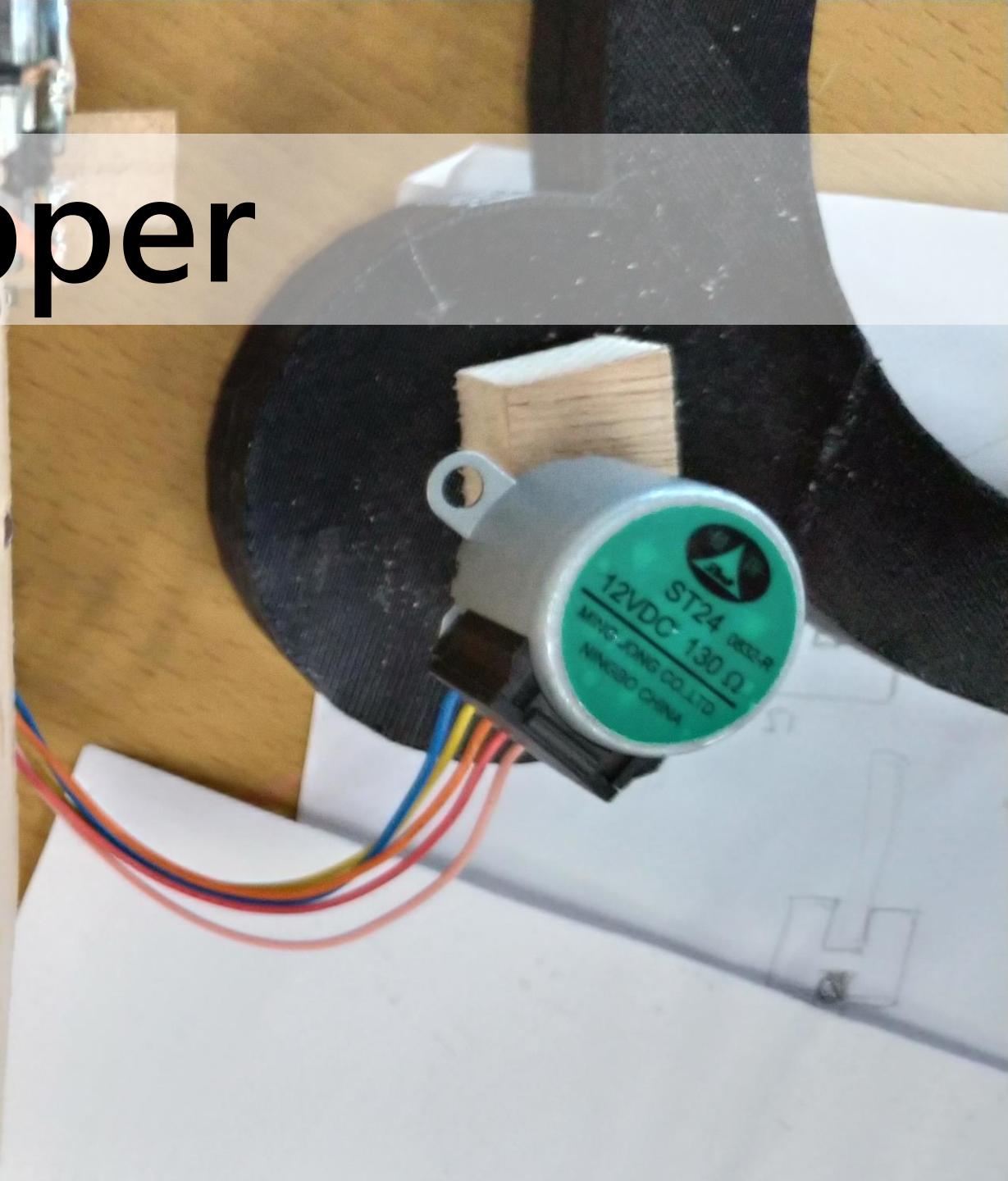
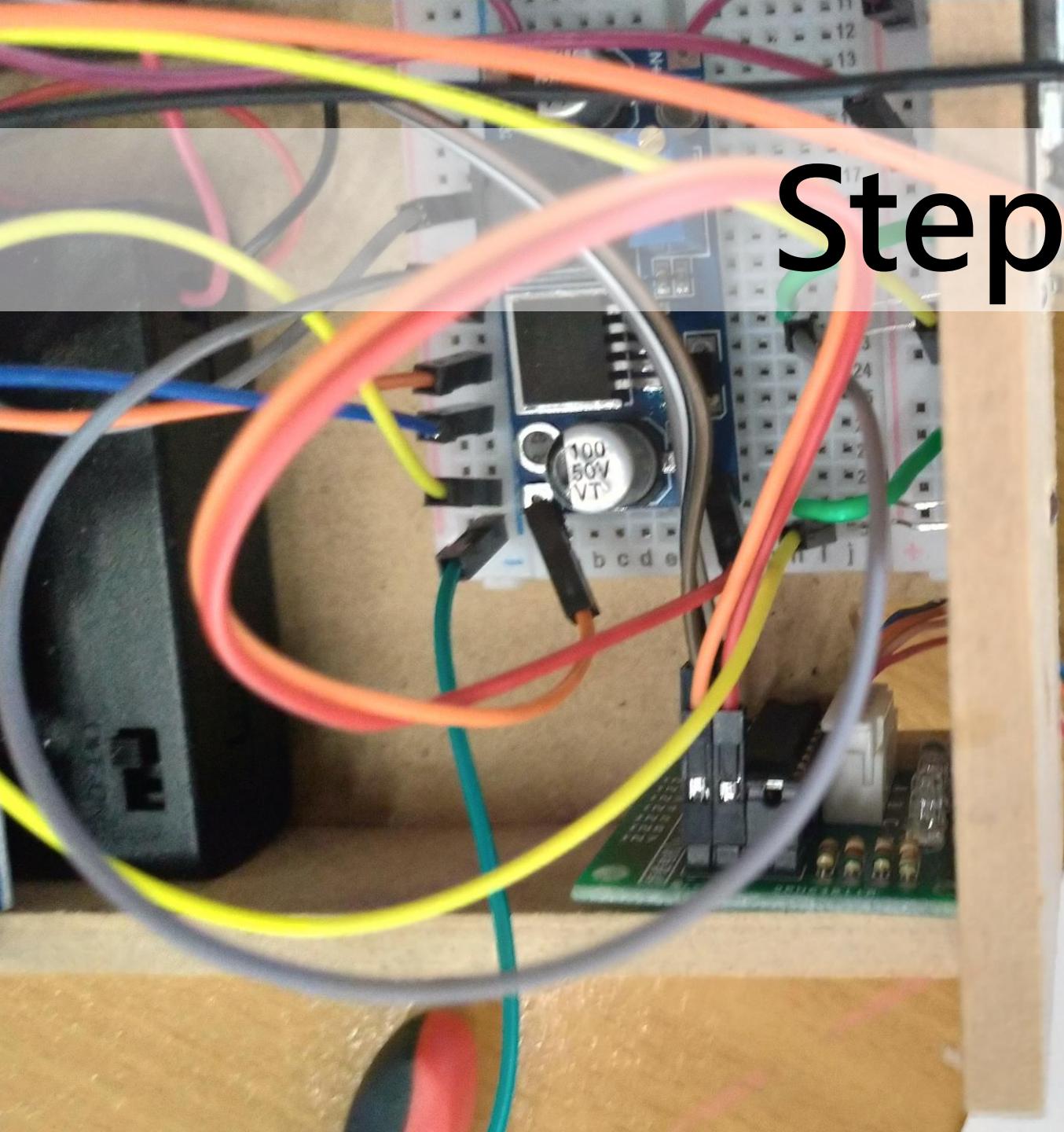
# MFRC522 RFID



# KY-024 Hall Sensor



# Stepper



# Buzzer



# 未來展望

- 更加輕巧
- 材料堅固性提升
- 穩定性提高