

A photograph of a red Citroën 2CV car parked on a street at dusk. The car is in the foreground, angled slightly towards the left. It has a black roof rack and a license plate that reads 'YD26 272'. In the background, there is a large, multi-story brick building with several large arched windows. Some windows are illuminated from within, and a street lamp is visible. The sky is a pale blue-grey. The overall mood is nostalgic and urban.

# ByteRider

## Version

# Table of Contents

INTRODUCTION	4
HOW DOES IT WORK?	5
• Reserver Pins & GPIOs	5
• Schematic	6
WORK-IN-PROGRESS WALK THROUGH	7
• Finished Work	7
• Chassis	8
• Wiring	9
• Motor Wires Harness	10



# ByteRider documentation

Add your content using `reStructuredText` syntax. See the [reStructuredText](#) documentation for details.

# INTRODUCTION

# HOW DOES IT WORK?

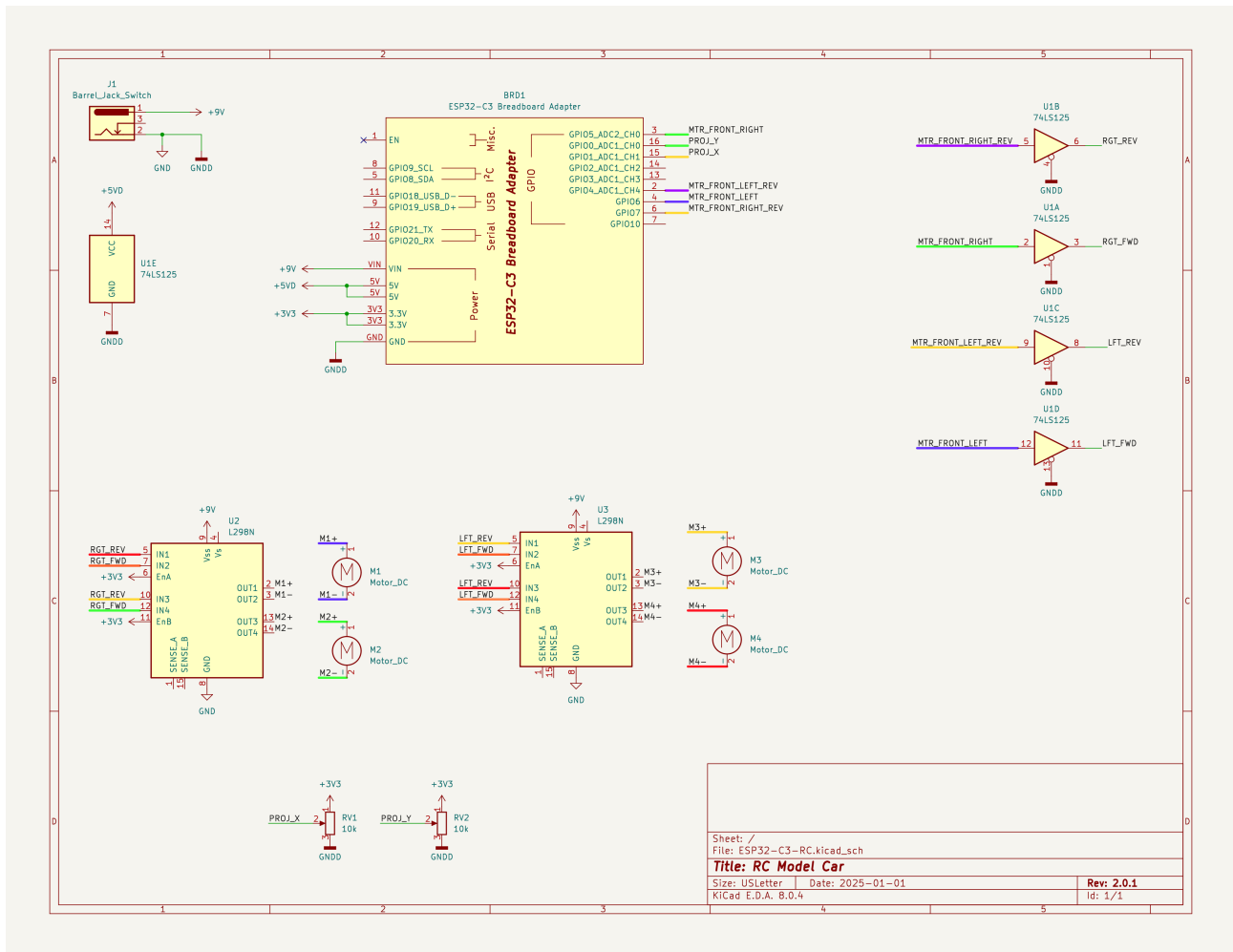
The BitByteRider RC car is powered by ESP32-C3 Breadboard & Power adapter developmemt board.

## Reserver Pins & GPIOs

The table below summarizes GPIOs and pins reserved for operations purposes.

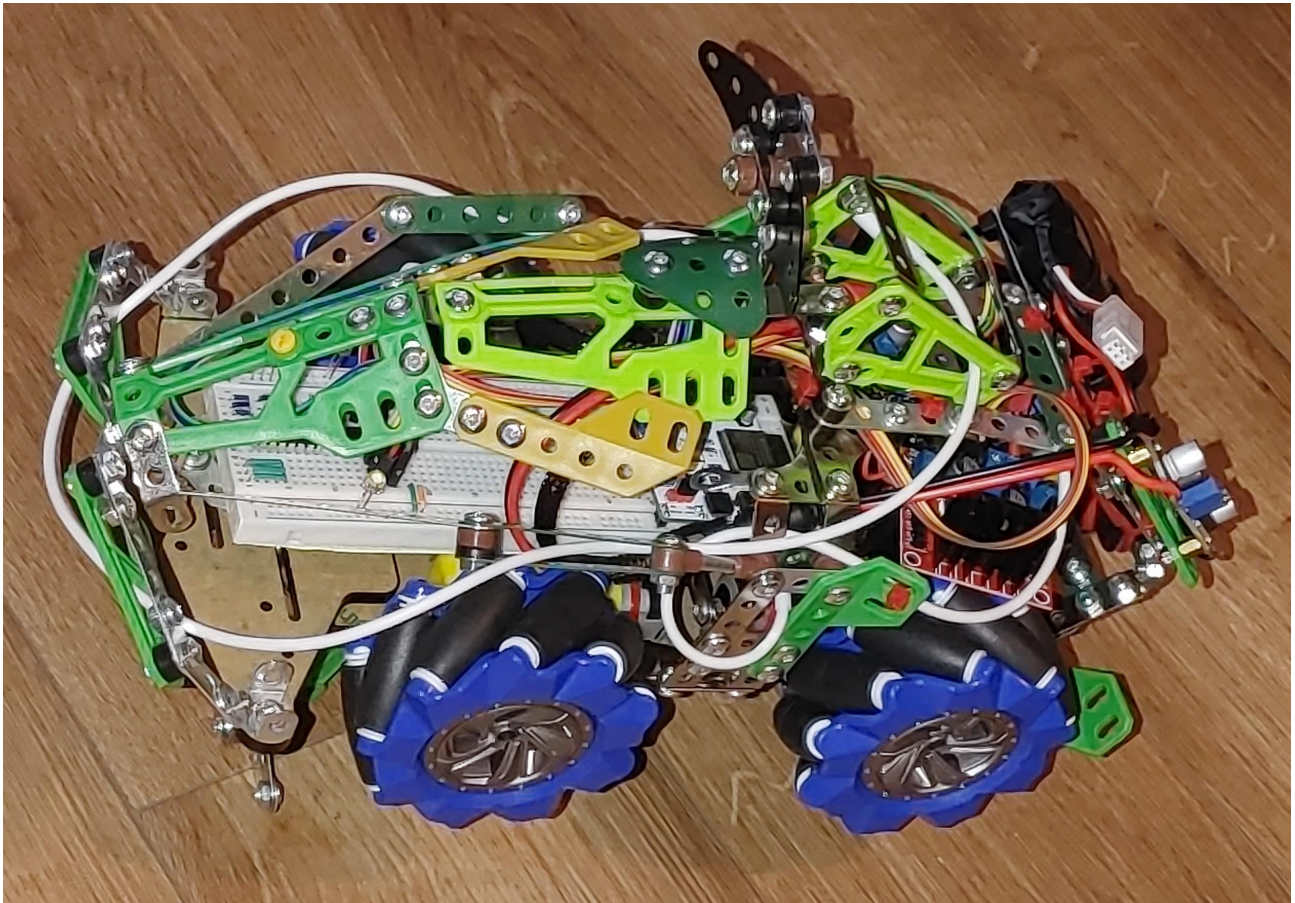
GPIO	Pin	Function	Notes
0	16	Joystick x-axis	ADC1_CH0
1	15	Joystick y-axis	ADC1_CH1
8	5	Joystick push button	Data
6	4	PWM for clockwise rotation of left-side motors	LEDC_CHANNEL_1
5	3	PWM for clockwise rotation of right-side motors	LEDC_CHANNEL_0
4	2	PWM for counter-clockwise rotation of right-side motors	LEDC_CHANNEL_2
7	6	PWM for counter-clockwise rotation of left-side motors	LEDC_CHANNEL_3

# Schematic

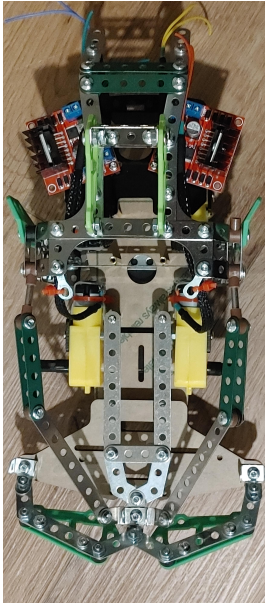


# WORK-IN-PROGRESS WALK THROUGH

## Finished Work



## Chassis



Completed chassis with only DC motor controllers installed.



## Wiring



Completed wiring.

## Motor Wires Harness



DC Motors wires secured inside harness.



