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The

PIE TANK

BY CODENAME: PIE PROJECTS



welcome to
THE PRESENTATION

A presentation about the project, team, and its built process.

For the animated version please visit:

<https://tinyurl.com/ThePieTank-CPP>

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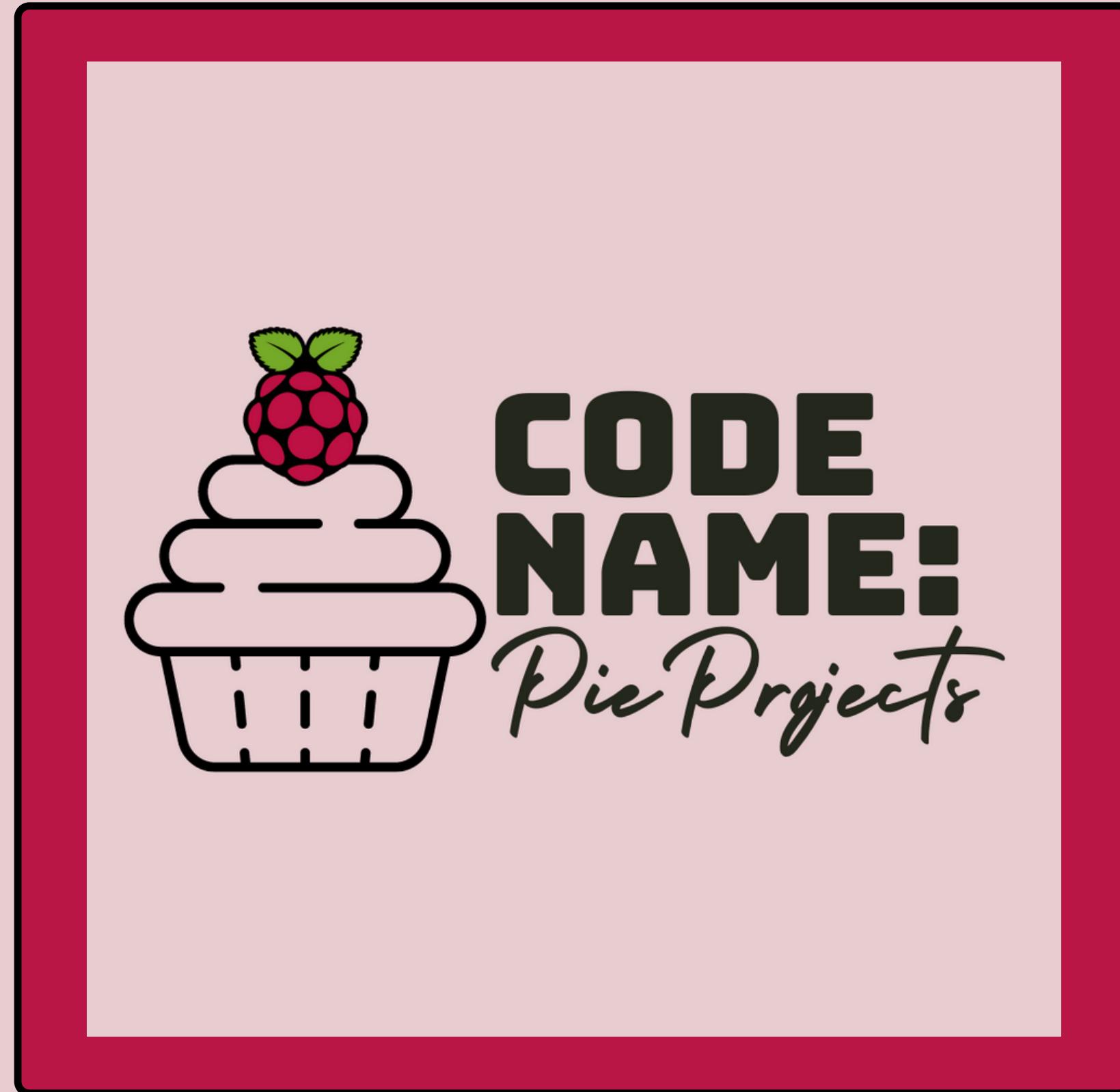
EACH MEMBERS ROLE

LIVE DEMO

Q & A

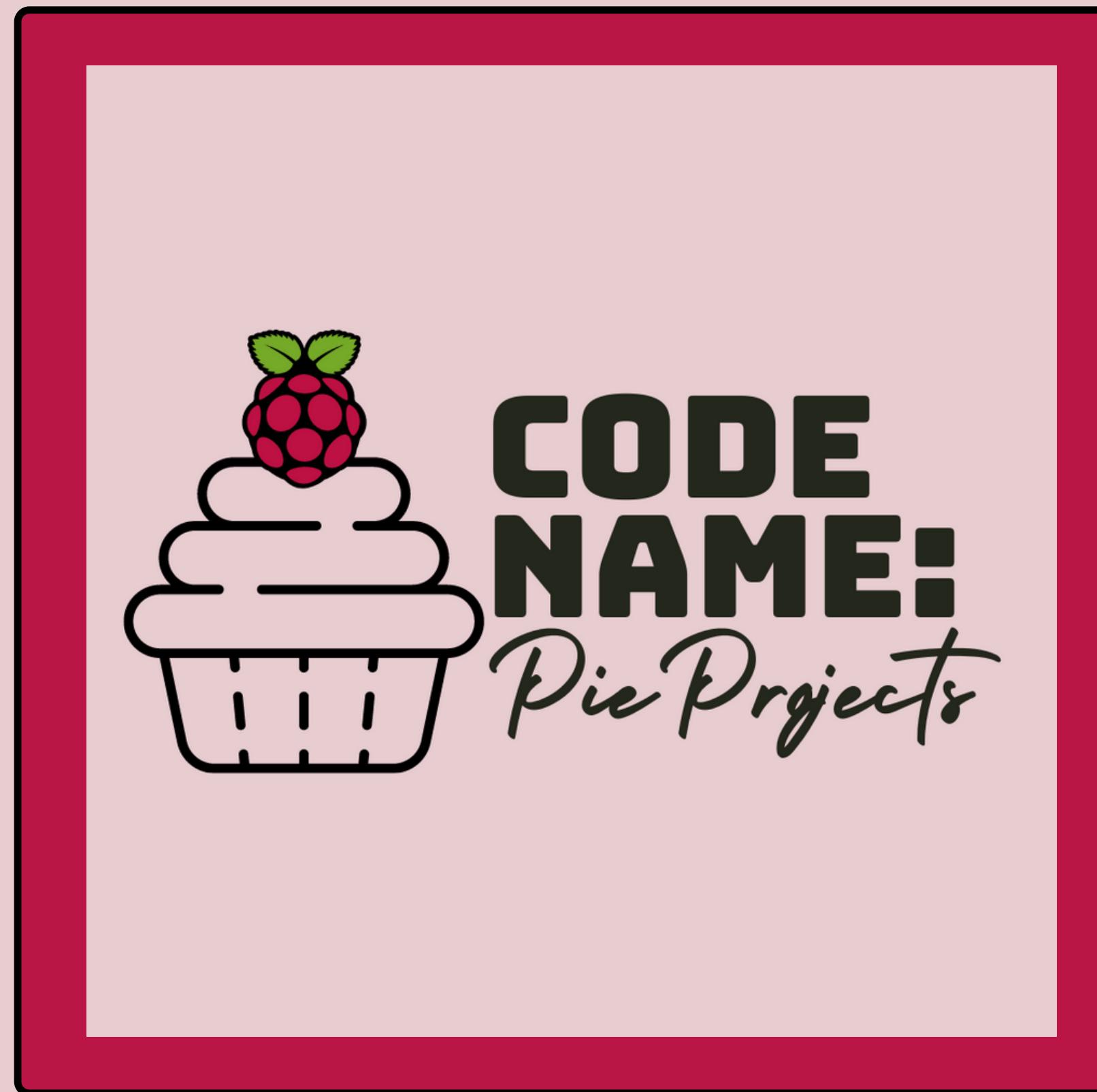
ABOUT US

- Computer and Robotics enthusiasts
- It was created in **October of 2021**
- Codename: Pie Projects was chosen in **February of 2022**



ABOUT US

- Hazratali Seylani
- Ensar Yıldırım
- Batuhan Kaya
- Hasan Karaca
- Muhammet Güneş
- Maryam Hamayoon
- Esra Avcı
- Gülseren Temel



WHAT IS IT FOR?

- Mine detecting scenarios on battlefields and in battles.
- Find and rescue scenarios.
- Delivery robot.



HOW IT WAS MADE?

- 3D Printed Parts
- Raspberry Pi 3 b
- Lipo Battery
- 4 Motors
- Motor Driver Board
- Voltage Stepper
- 2 Spot Lasers
- Buzzer Module
- Micro Python for the software



THE PARTS

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3D PRINTED CHASSIS

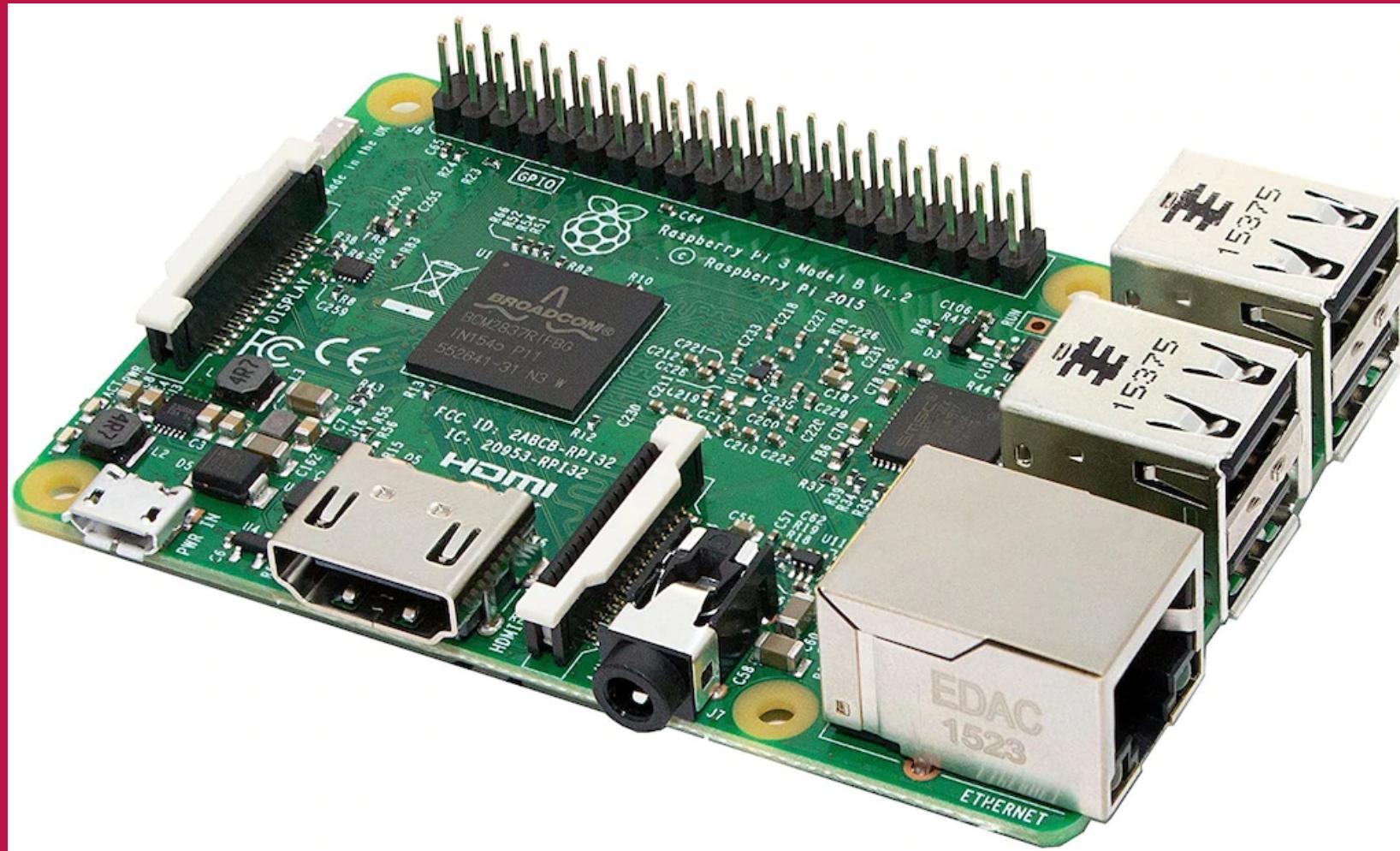


3D PRINTED CHASSIS

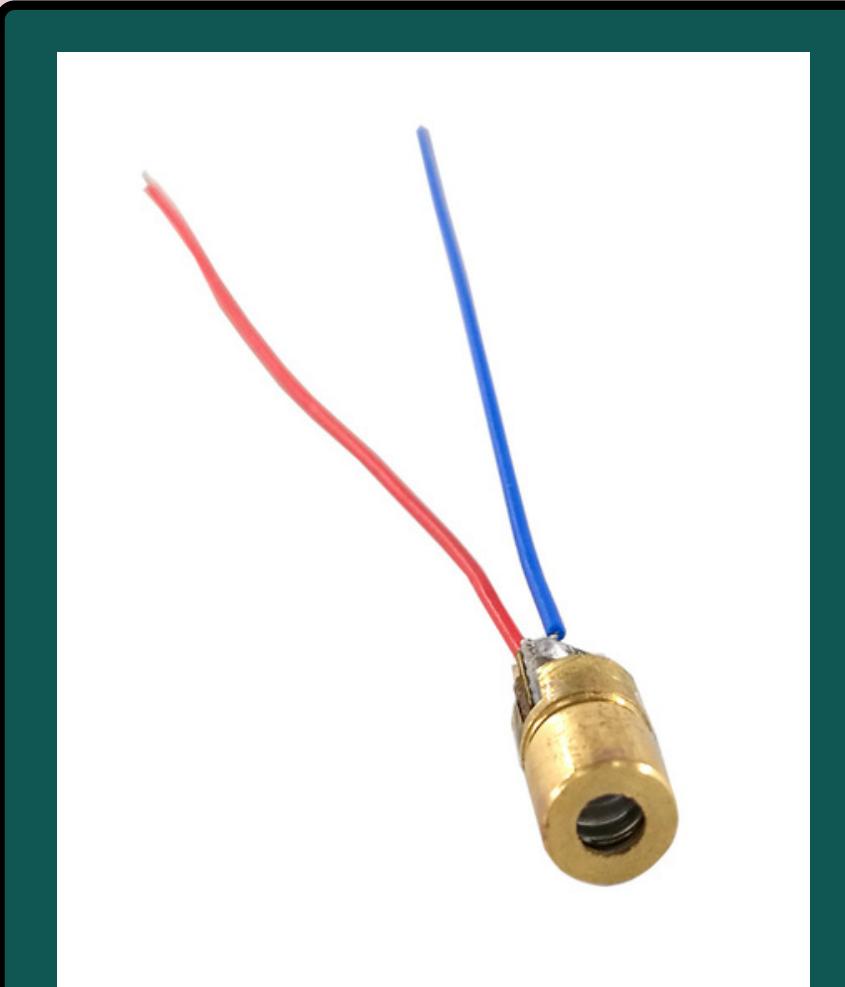


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RASPBERRY PI 3 B



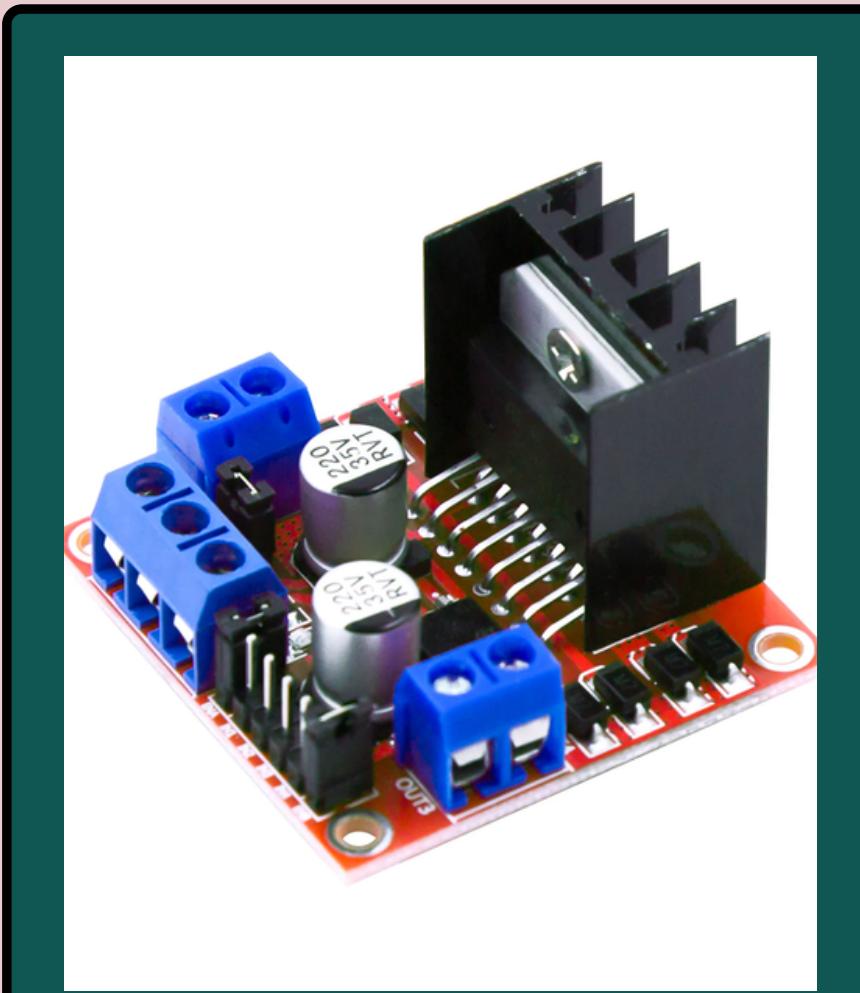
LASER

THE PARTS

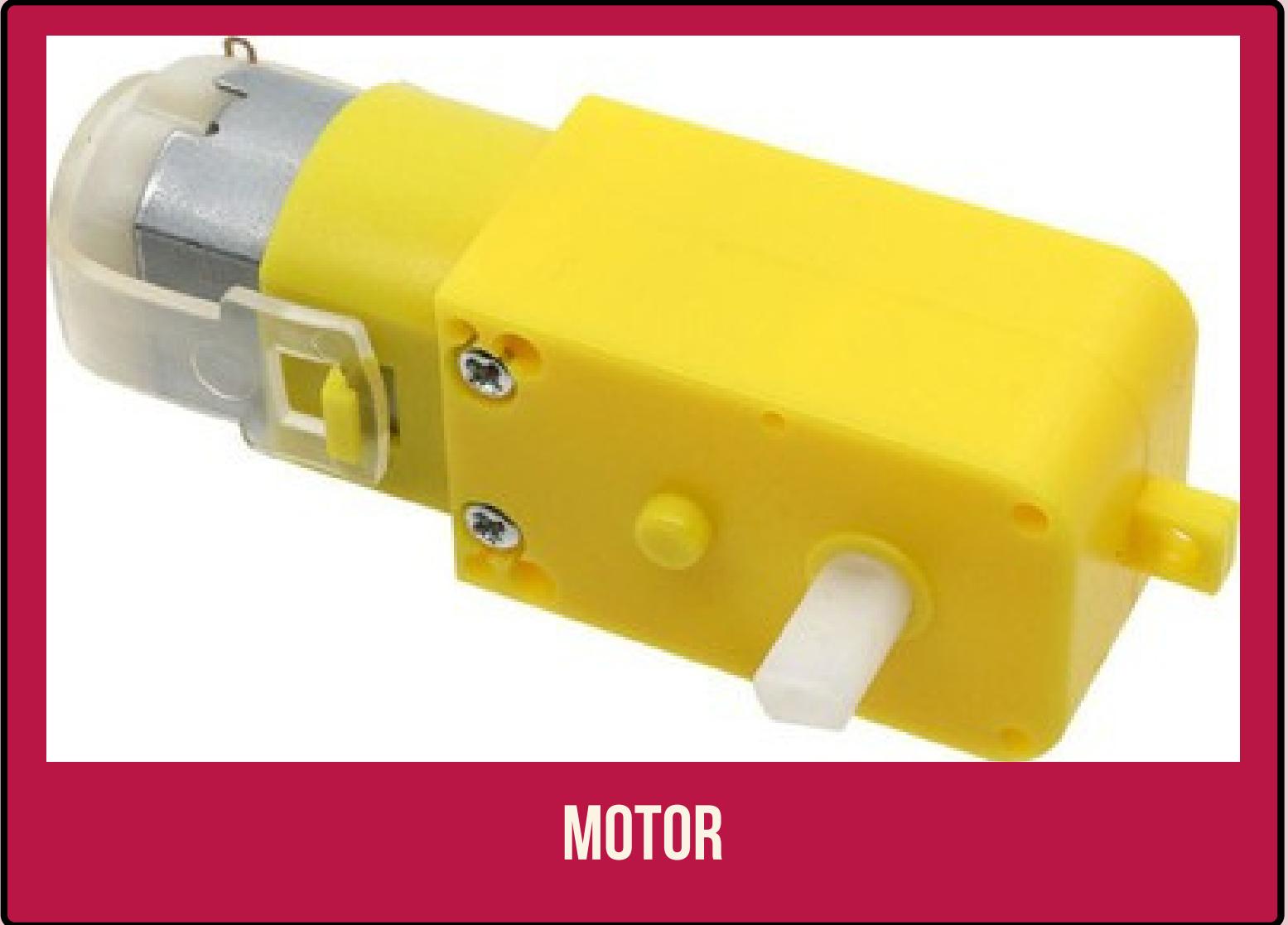
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VOLTAGE STEPPER



MOTOR DRIVER BOARD

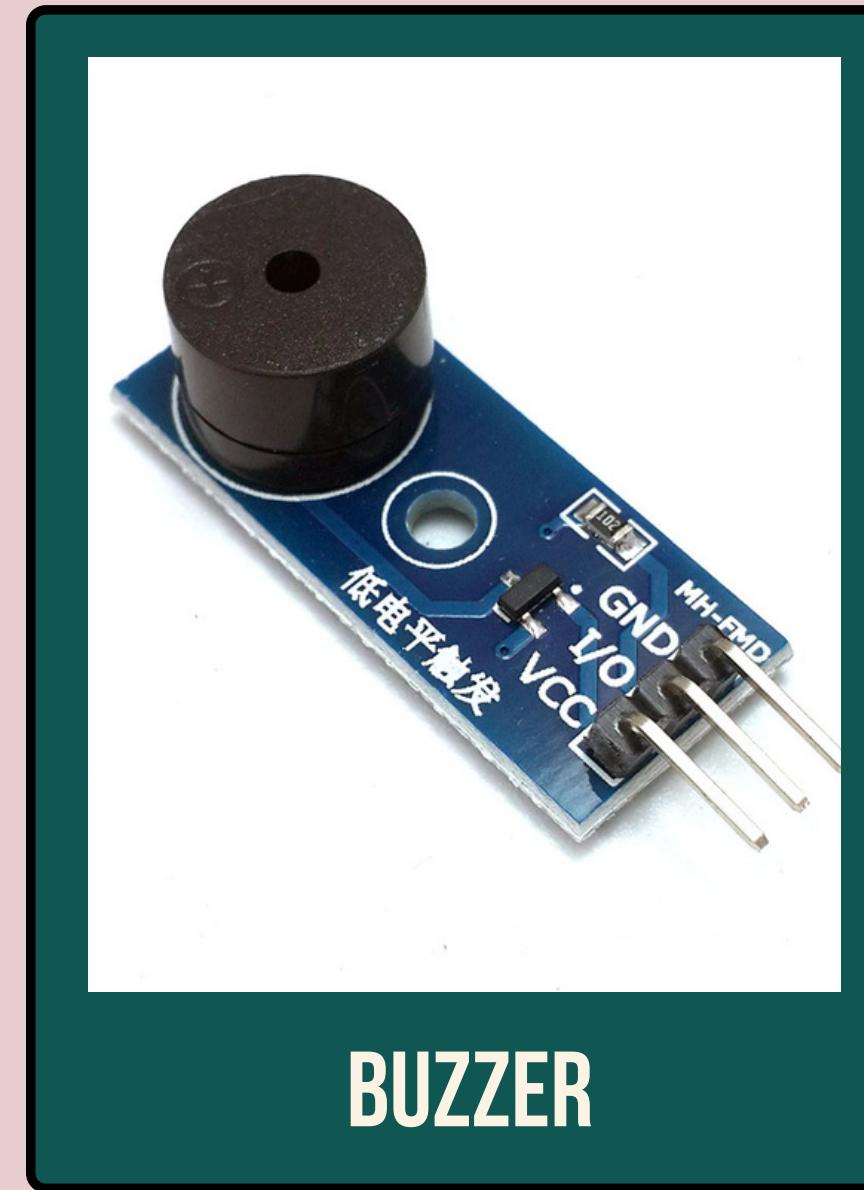


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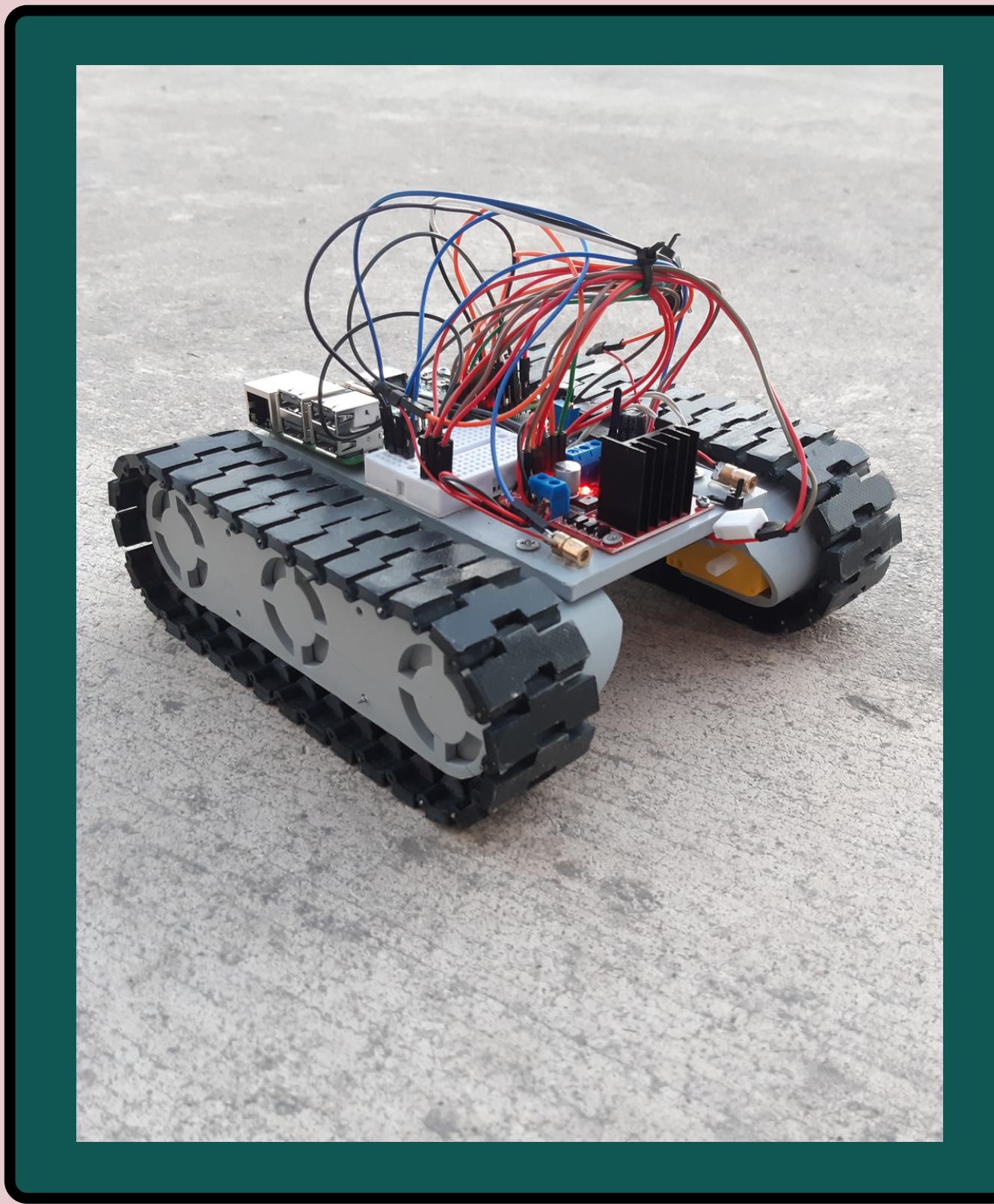
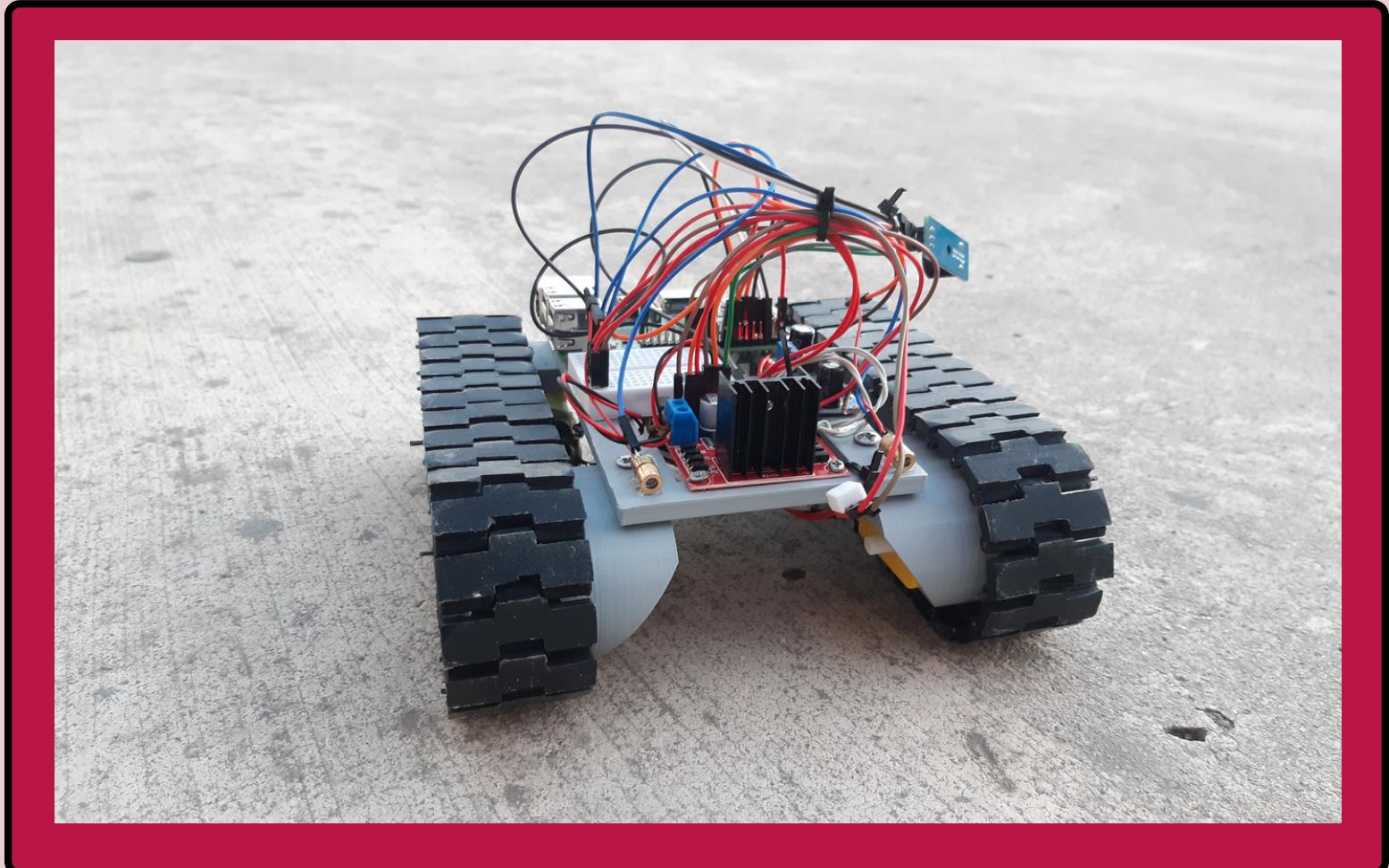
BATTERY



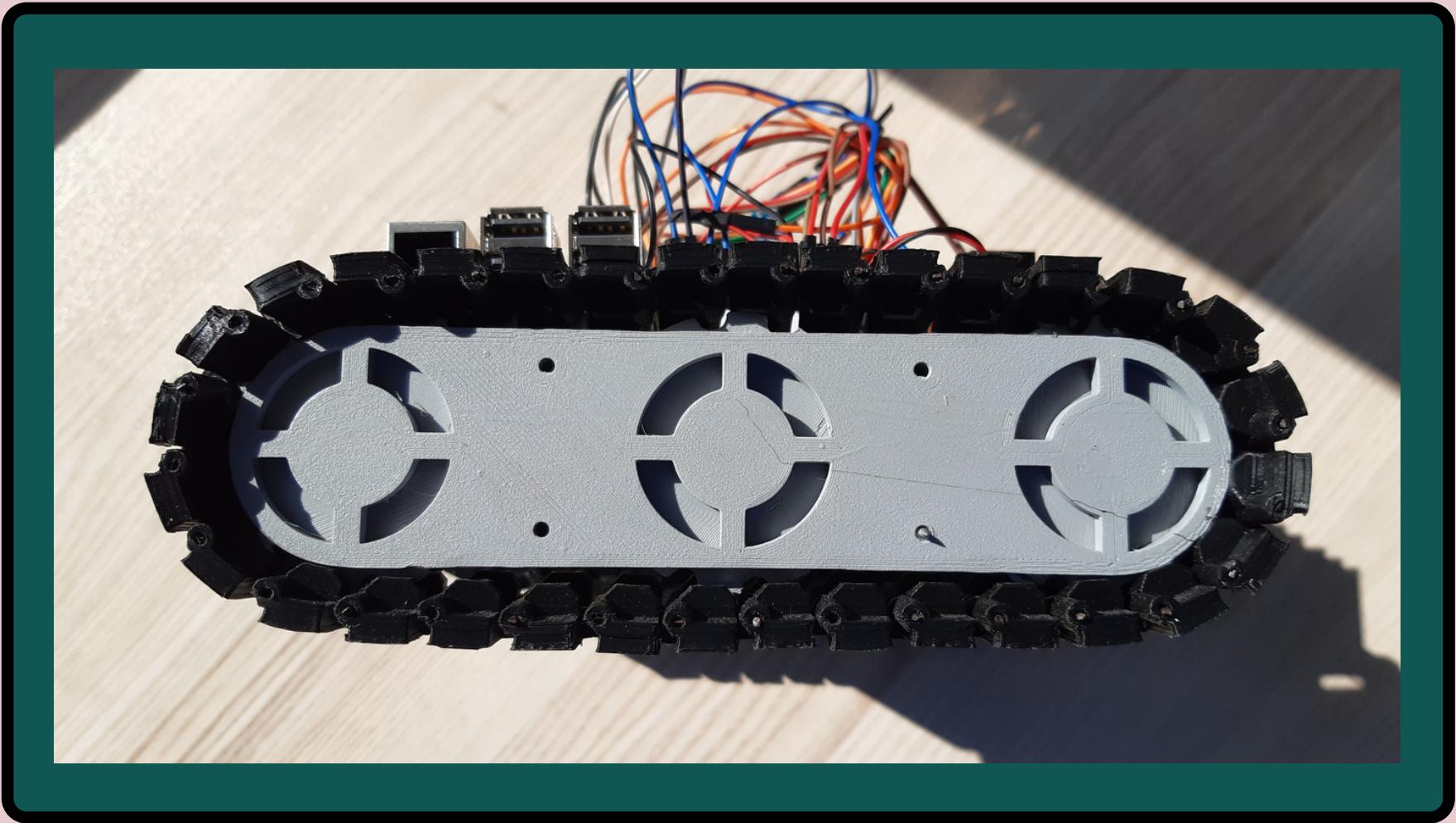
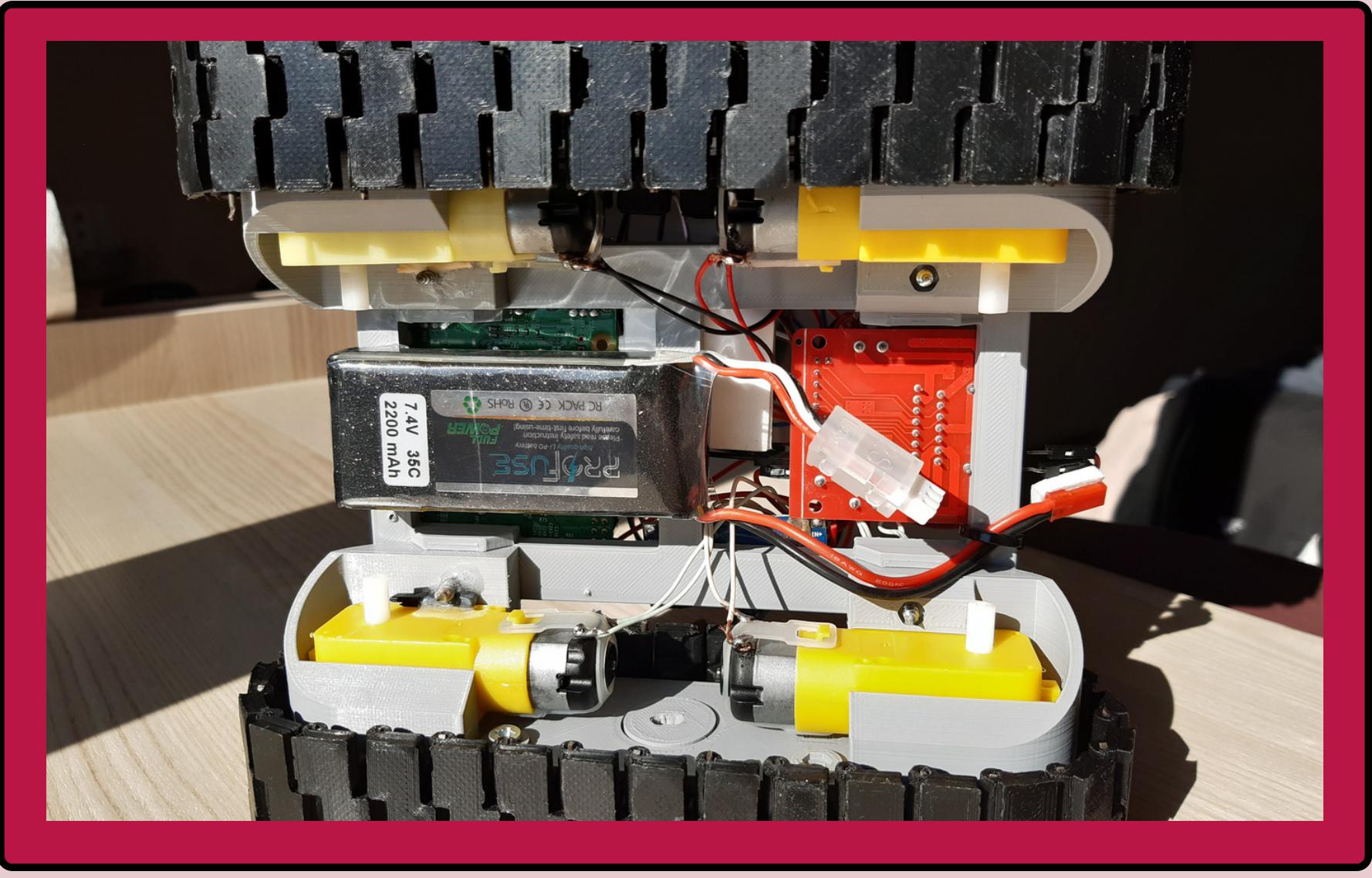
BUZZER



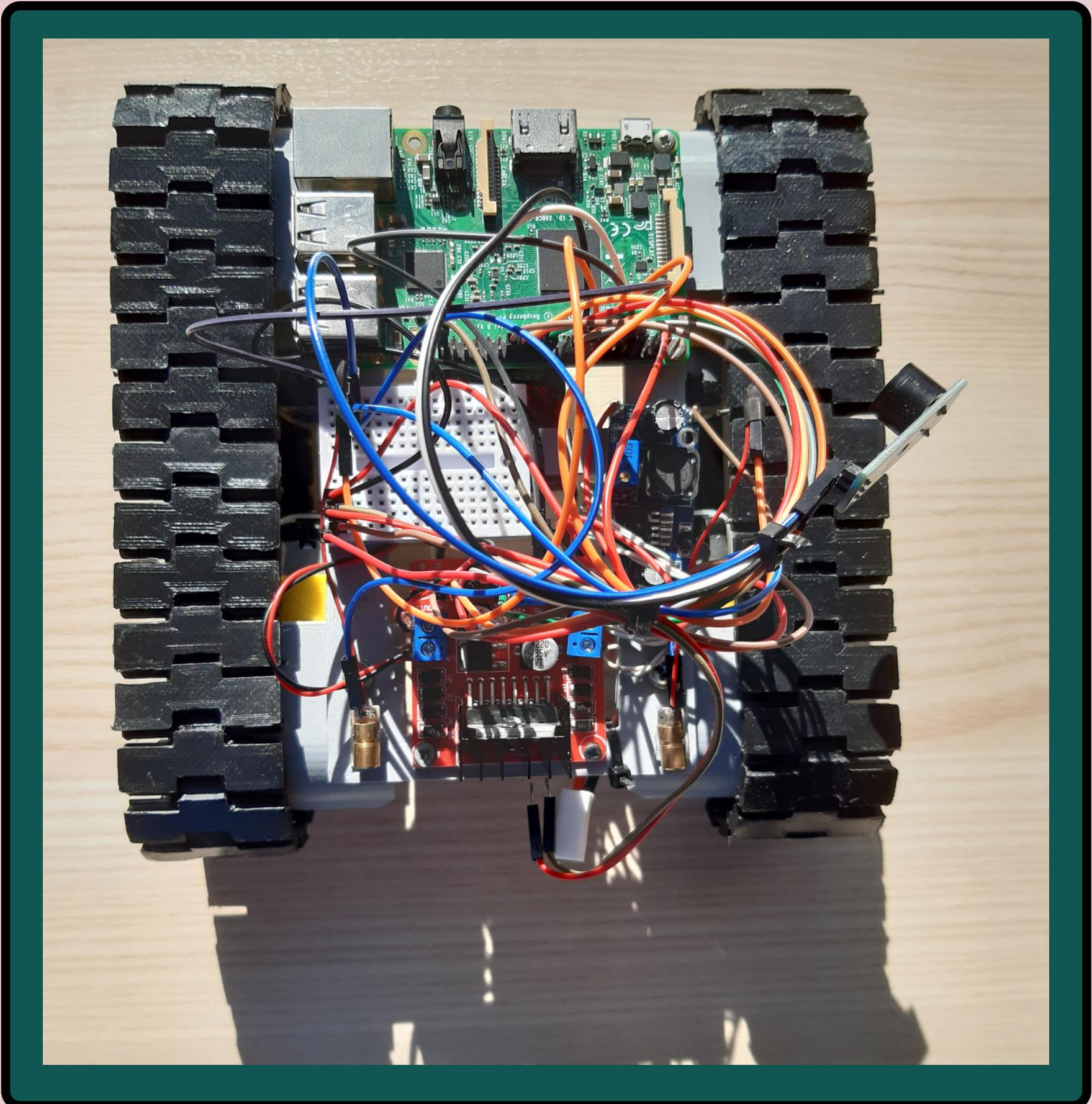
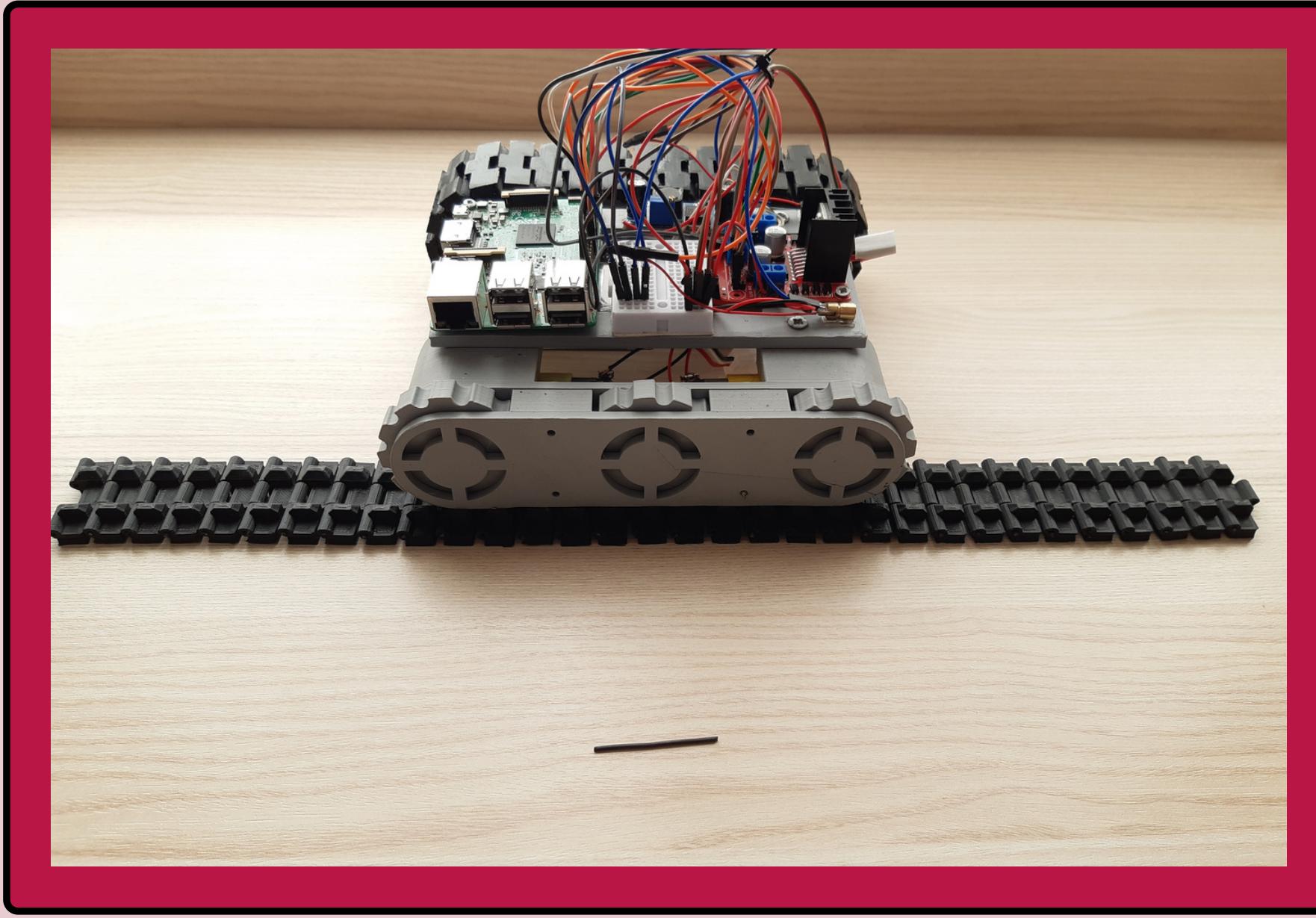
The **PIE TANK**



The PIE TANK

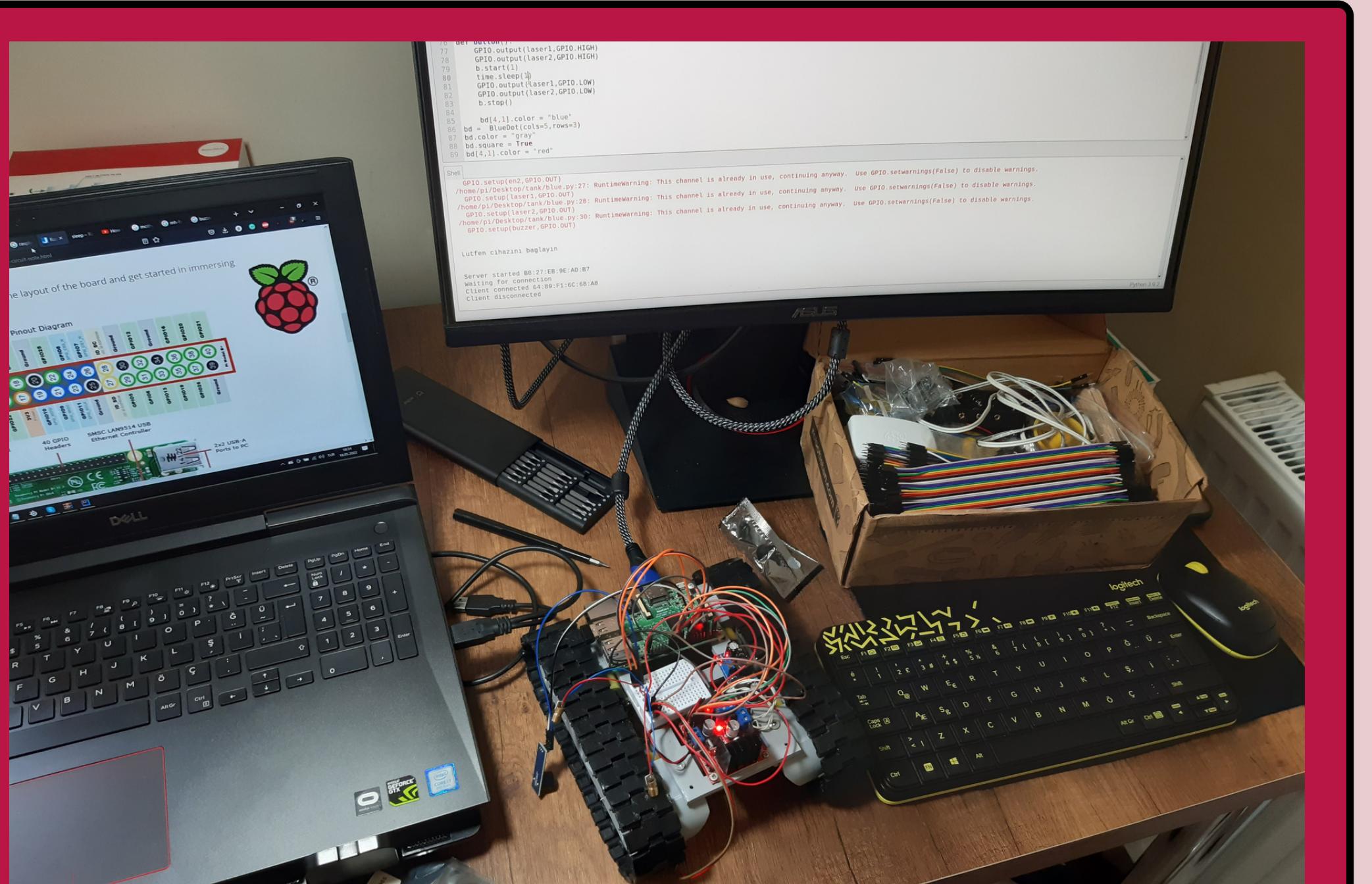


The PIE TANK

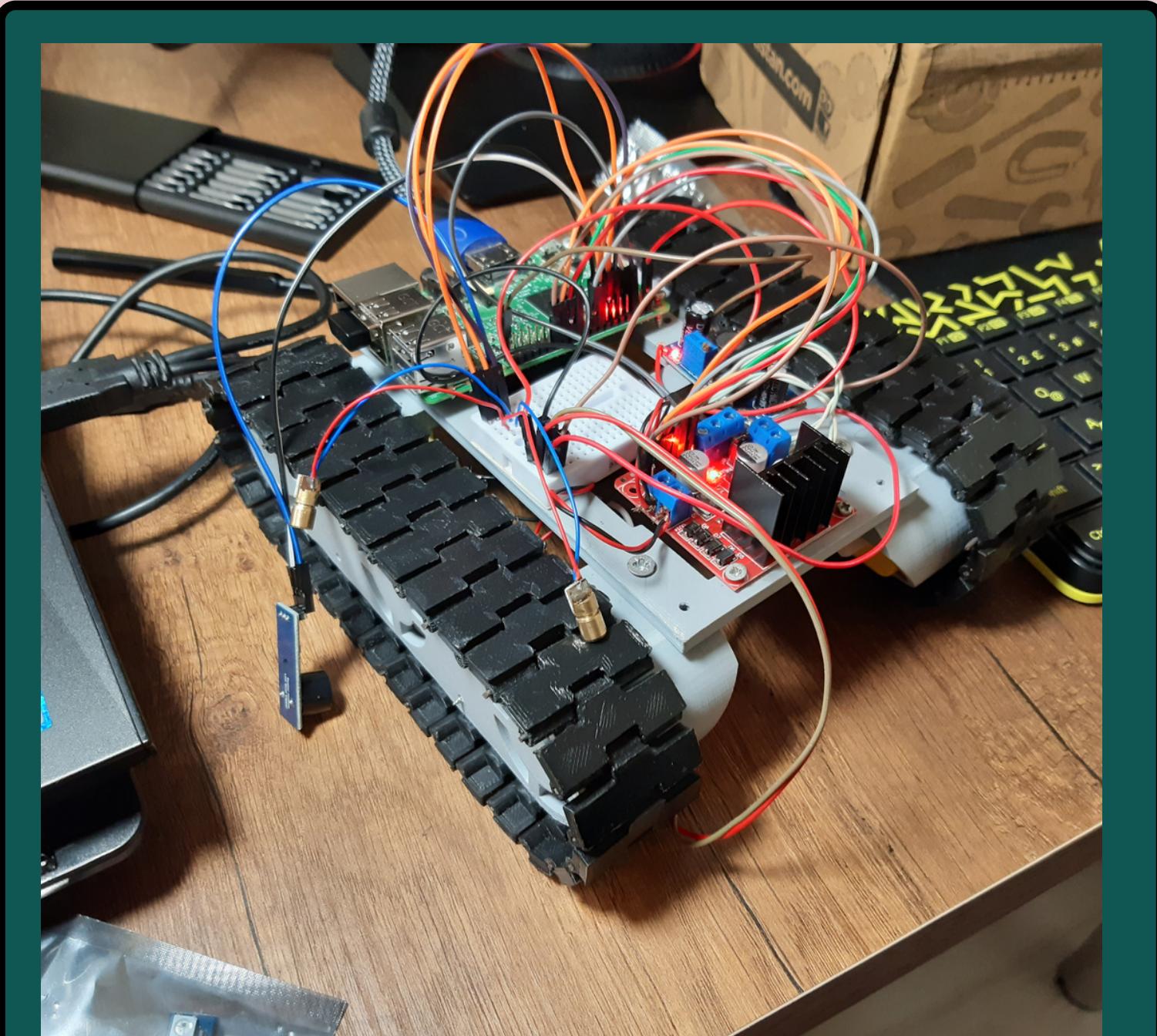


MAKING OF THE PIE TANK

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PROGRAMMING OF THE PIE TANK USING MICRO PYTHON



TESTING

ABOUT TEAM WORK

In our team, every member had their own unique role and duty.



let's test
TOGETHER

Q&A



"IF YOU HAVE MADE MISTAKES, THERE IS ALWAYS ANOTHER CHANCE FOR YOU.
YOU MAY HAVE A FRESH START ANY MOMENT YOU CHOOSE."

-MARY PICKFORD

"EVERYTHING THAT HAPPENS HAPPENS AS IT SHOULD, AND IF YOU OBSERVE
CAREFULLY, YOU WILL FIND THIS TO BE SO."

-MARCUS AURELIUS



Thank You

