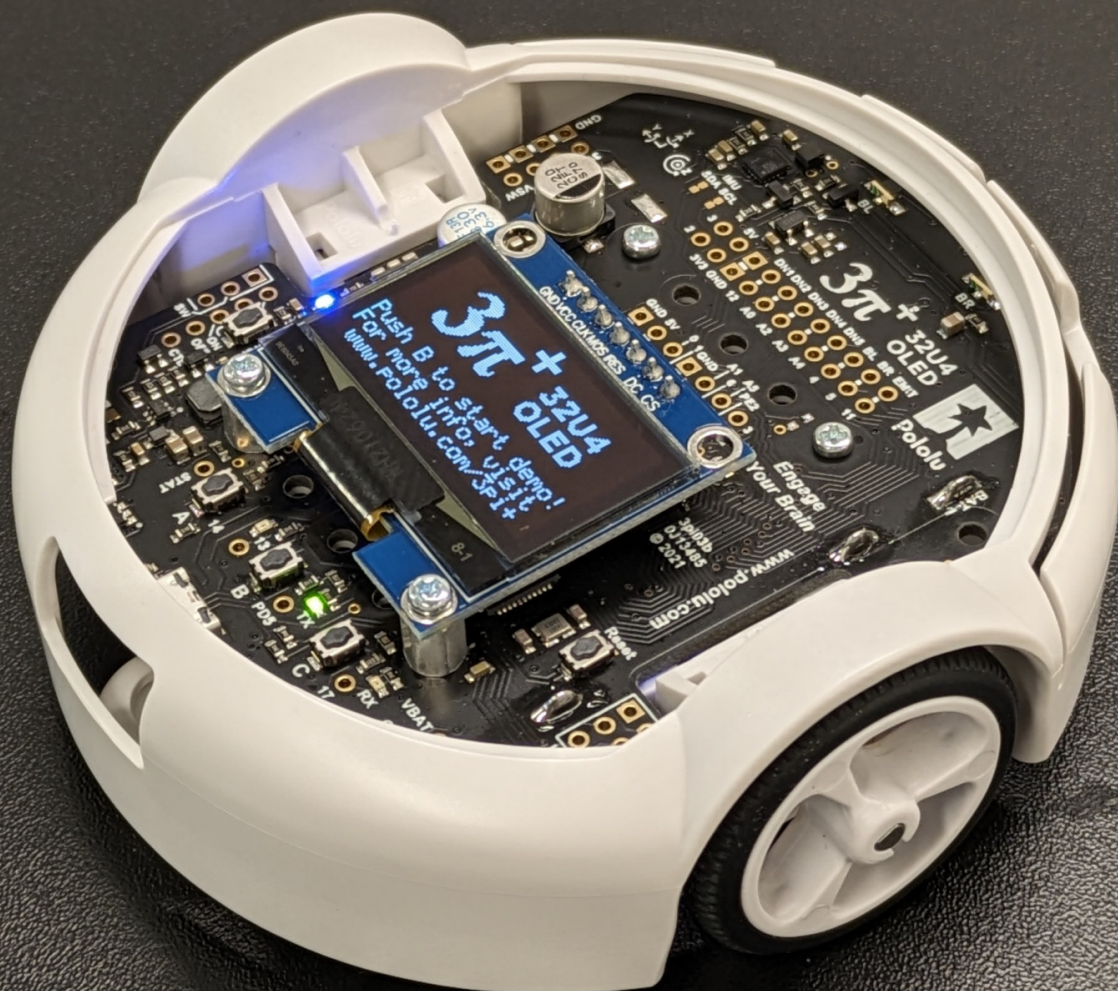


# Using Pololu 3pi+ 32U4 OLED Robot

## What is it?

The 3pi+ 32U4 (standard edition) by Pololu is an ATmega32U4 microcontroller based programmable mobile robot. The microcontroller powering this robot is the same one that is present in an Arduino Leonardo and Arduino Micro. To find out more about this robot, [click here](#)



# What can it do?

With an assortment of sensors onboard it is capable of applications such as:

- Line following
- Maze solving
- Crash detection
- Simple navigation

Based on how you program it, it can do so much more! Also, checkout the preloaded [demo programs](#) within the robot.

## Programming the 3pi+ 32U4 using the Arduino IDE

To start programming this robot, please refer to the documentation that is given [here](#)

## Additional Resources

1. [Pololu 3pi+ 32U4 User's Guide](#)
2. [Reviving and unresponsive 3pi+ 32U4 using Arduino IDE](#)

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