

NANOBOT

ASSEMBLY TUTORIAL

Upload Program for MacOS

STEP1: Download the Arduino Software (IDE)

Open the URL: <https://www.arduino.cc/en/Main/Software> with browser

Click “Mac OSX 10.8 Lion or newer”

 Arduino IDE 1.8.13

The open-source Arduino Software (IDE) makes it easy to write code and upload it to the board. This software can be used with any Arduino board.

Refer to the [Getting Started](#) page for Installation instructions.

SOURCE CODE

Active development of the Arduino software is **hosted by GitHub**. See the instructions for **building the code**. Latest release source code archives are available [here](#). The archives are GPG-signed so they can be verified using [this](#) gpg key.

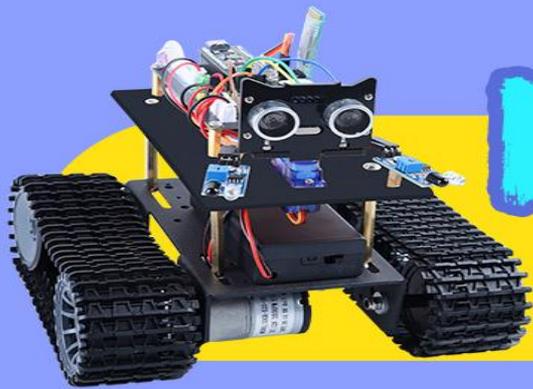
DOWNLOAD OPTIONS

- Windows Win 7 and newer
- Windows ZIP file
- Windows app Win 8.1 or 10 [Get](#)
- Linux 32 bits
- Linux 64 bits
- Linux ARM 32 bits
- Linux ARM 64 bits
- Mac OS X 10.10 or newer**

Release Notes
Checksums (sha512)

The version available at this website is usually the latest version, and the actual version may be newer than the version in the picture.





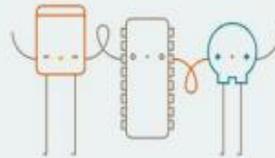
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STEP2: Click “JUST DOWNLOAD” .

Contribute to the Arduino Software

Consider supporting the Arduino Software by contributing to its development. (US tax payers, please note this contribution is not tax deductible). Learn more on how your contribution will be used.



SINCE MARCH 2015, THE ARDUINO IDE HAS BEEN DOWNLOADED **13,900,847** TIMES. (IMPRESSIVE!) NO LONGER JUST FOR ARDUINO AND GEMJINO BOARDS, HUNDREDS OF COMPANIES AROUND THE WORLD ARE USING THE IDE TO PROGRAM THEIR DEVICES, INCLUDING COMPATIBLES, CLONES, AND EVEN COUNTERFEITS. HELP ACCELERATE ITS DEVELOPMENT WITH A SMALL CONTRIBUTION! REMEMBER: OPEN SOURCE IS LOVE!

\$3

\$5

\$10

\$25

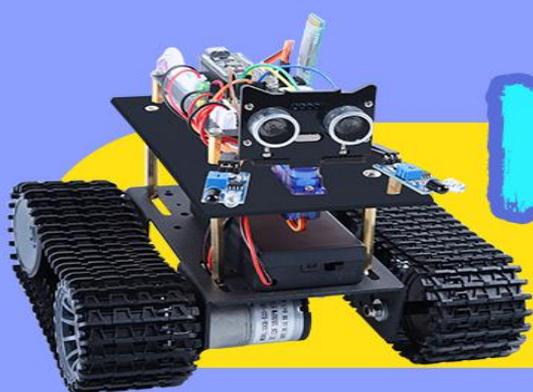
\$50

OTHER

JUST DOWNLOAD

CONTRIBUTE & DOWNLOAD

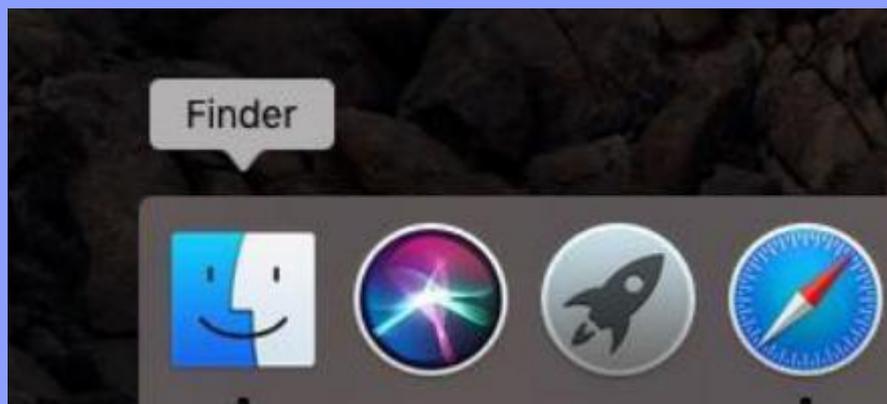


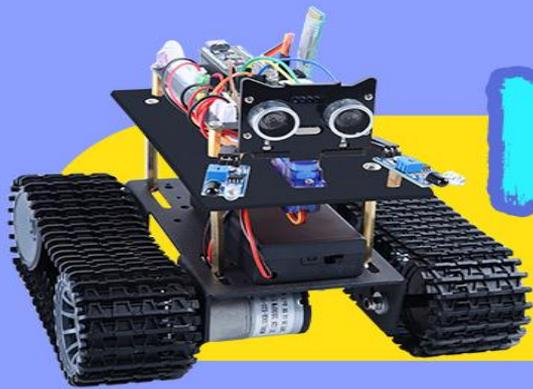


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STEP3: Open Finder.



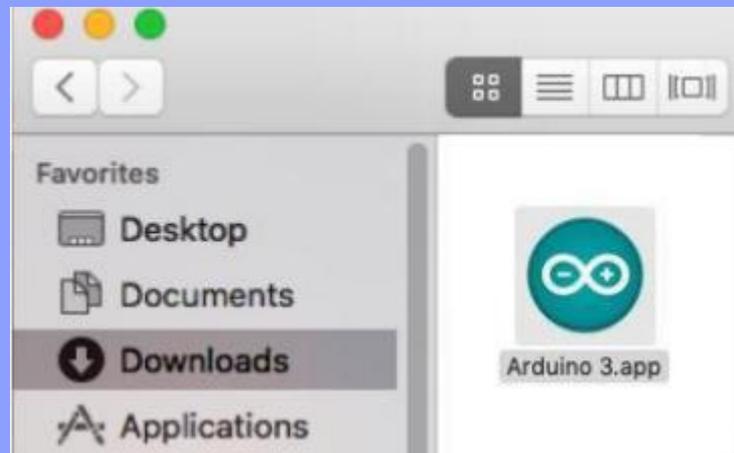


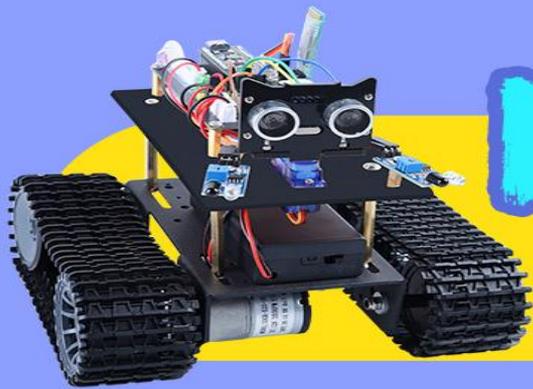
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STEP4:

Once the download is complete, an installation package will appear in the download directory.

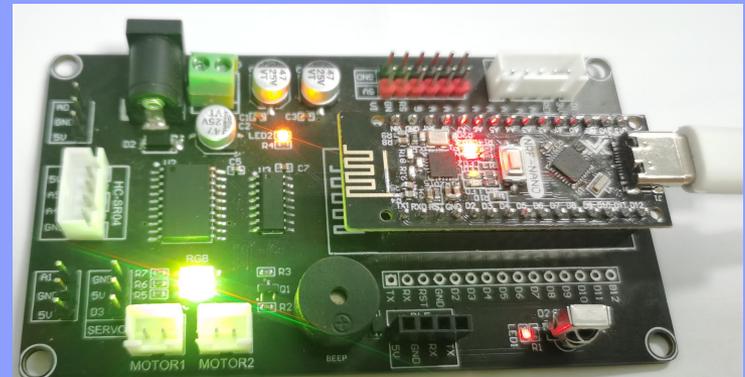
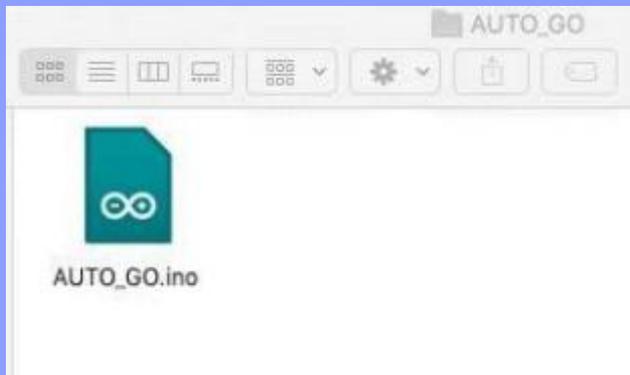


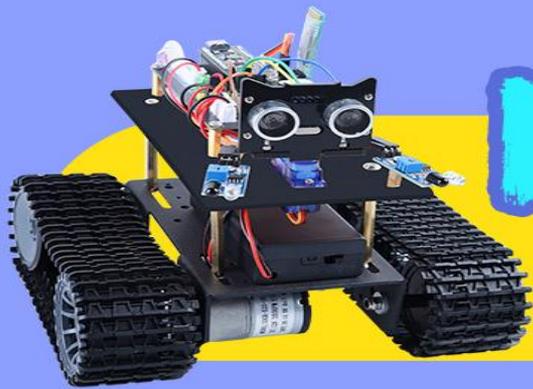


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STEP5: Connect the Development board to PC with USB and open the directory where the AUTO_GO sketch is located.



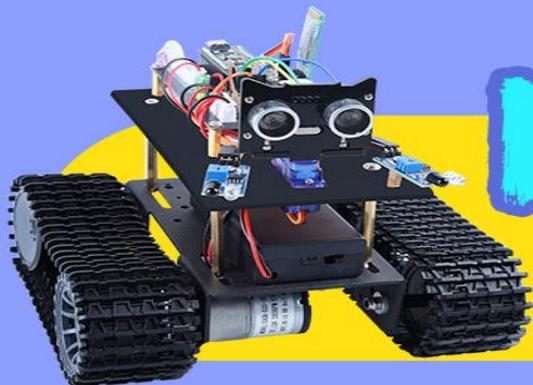


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STEP6: Upload AUTO_GO program. Double click AUTO_GO sketch. After open the AUTO_GO sketch, we can see the code in the Arduino IDE.

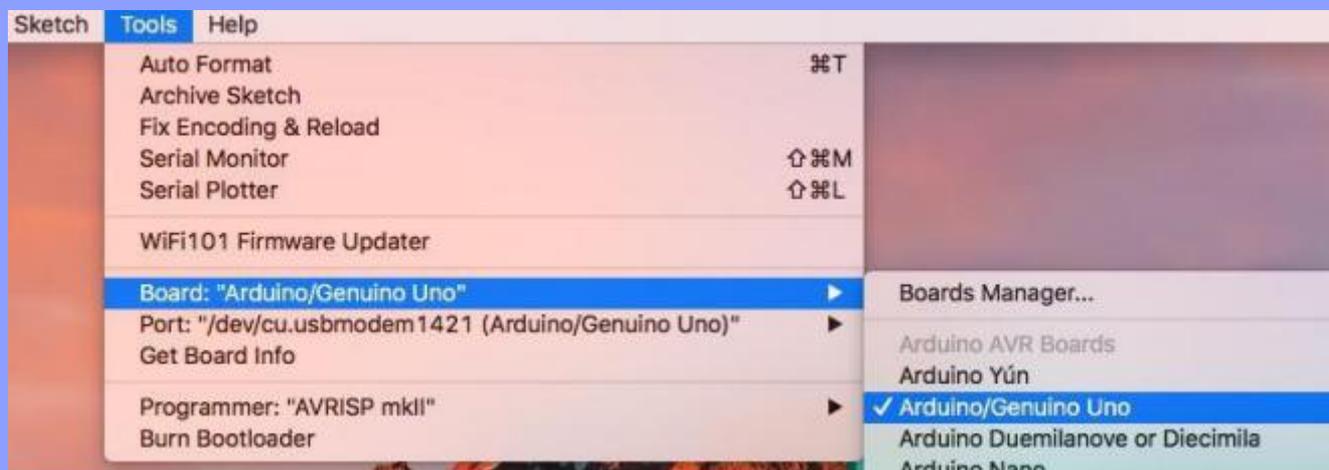
```
File Edit Sketch Tools Help
AUTO_GO $
/*****
 *      TIME:2020.10.27
 *      Development Team: Zhiyi Technology Co., Ltd.
 *      auto go
 *
 *****/
//define L298n module IO Pin
#define ENA 5
#define ENB 6
#define IN1 7
#define IN2 8
#define IN3 9
#define IN4 11
```

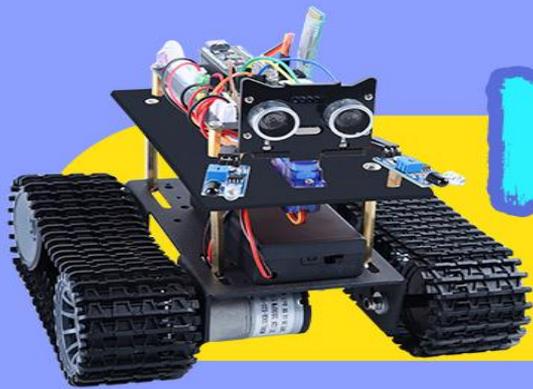


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STEP7: Select the Arduino UNO board.



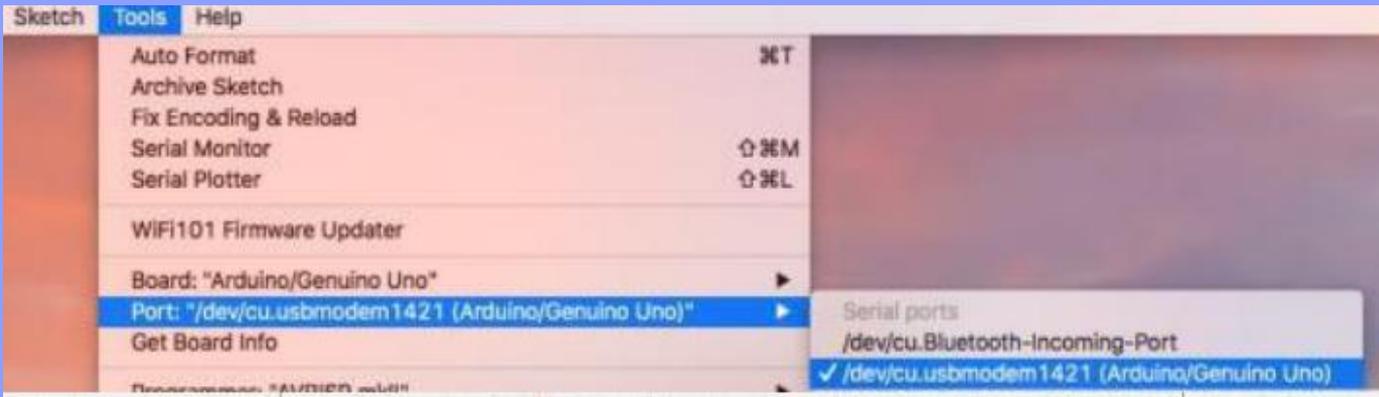


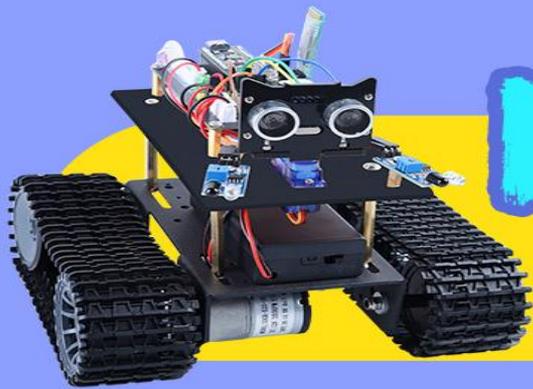
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STEP8:

Select the SerialPort name. (Tips: Each Arduino UNO board has a different COM number on the same computer. You should choose the COM number of the actual display.)





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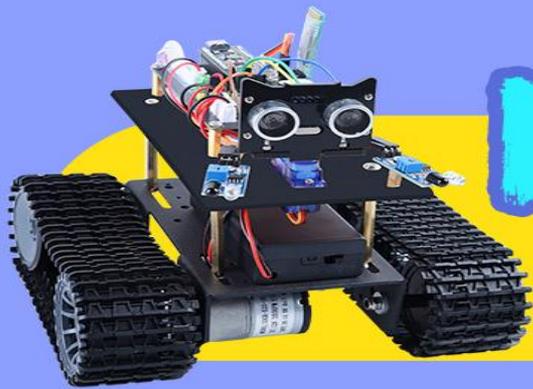
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STEP9: Click the upload button to start uploading the AUTO_GO program.



```
AUTO_GO | Arduino 1.8.13
File Edit Sketch Tools Help
[Checkmark] [Upload] [Download] [New] [Open]
AUTO_GO
/*****
 *
 *      TIME:2020.10.27
 *   Development Team: Zhiyi Technology Co., Ltd.
 *
 *
 *****/

//define L298n module IO Pin
#define ENA 5
#define ENB 6
#define TN1 7
```



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STEP10: Done uploading.

```
Done uploading.  
avrdude done. Thank you.
```

At this time, the Arduino development environment has been successfully built.