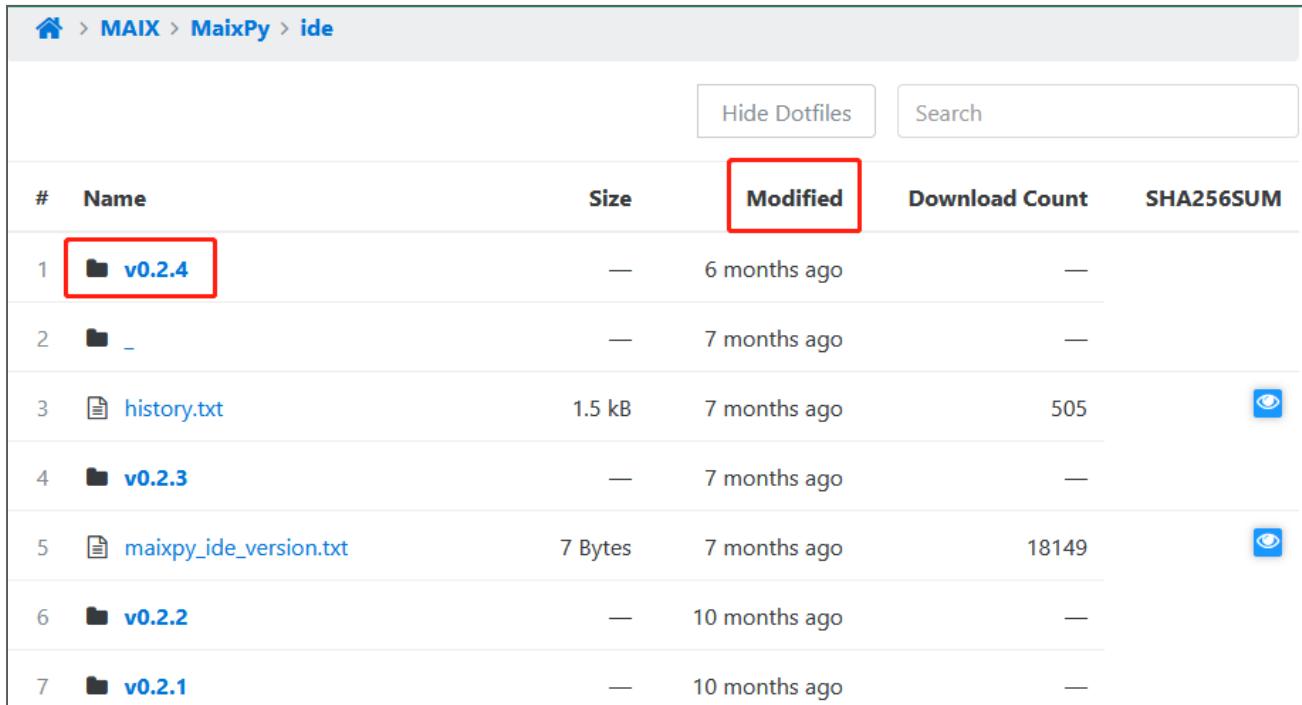


Install software

After we update to the latest firmware, next install MicroPython development software MaixPy IDE.

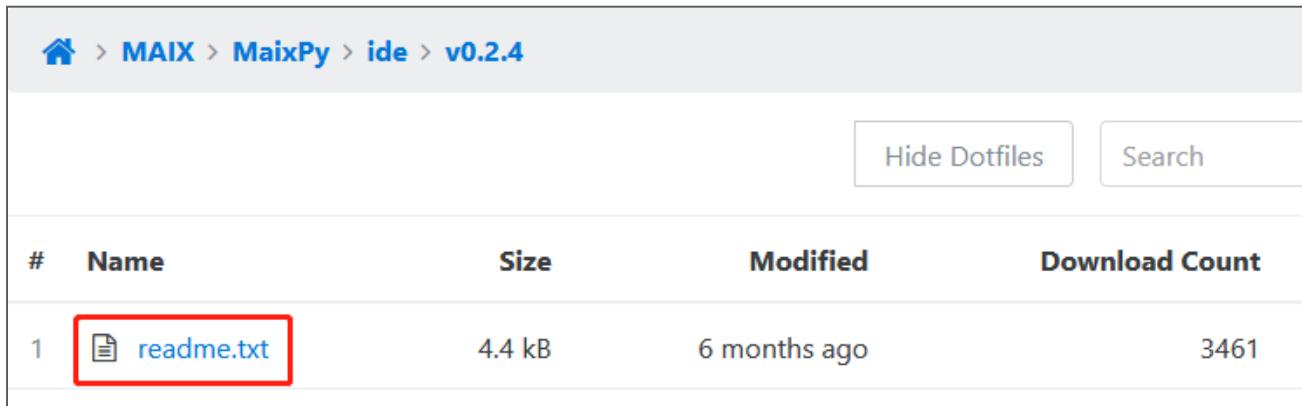
1. Download MaixPy IDE

Download website: <https://cn.dl.sipeed.com/MAIX/MaixPy/ide>



#	Name	Size	Modified	Download Count	SHA256SUM
1	📁 v0.2.4	—	6 months ago	—	
2	📁 _	—	7 months ago	—	
3	📄 history.txt	1.5 kB	7 months ago	505	
4	📁 v0.2.3	—	7 months ago	—	
5	📄 maixpy_ide_version.txt	7 Bytes	7 months ago	18149	
6	📁 v0.2.2	—	10 months ago	—	
7	📁 v0.2.1	—	10 months ago	—	

By default, it is not sorted by time. Click [Modified] above to sort by time. We click on the latest version: v0.2.4. we can see **readme.txt** file.



#	Name	Size	Modified	Download Count
1	📄 readme.txt	4.4 kB	6 months ago	3461

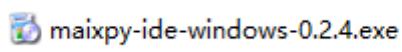
Download or click online to open **readme.txt**, you can see the download address of the v0.2.4 version by pulling down. For windows users, please copy http://dl.sipeed.com/MAIX/MaixPy/ide/_v0.2.4/maixpy-ide-windows-0.2.4.exe

Go to the above URL on the browser to download.

oad from dl.sipeed.com:

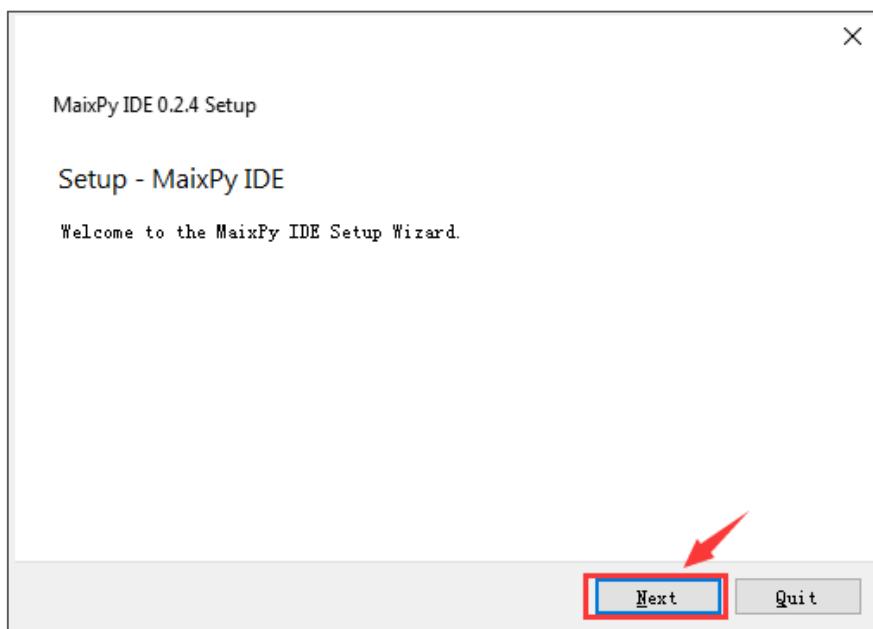
```
maixpy-ide-windows-0.2.4-installer-archive.7z:
http://dl.sipeed.com/MAIX/MaixPy/ide/_/v0.2.4/maixpy-ide-windows-0.2.4-instal
maixpy-ide-windows-0.2.4.exe:
http://dl.sipeed.com/MAIX/MaixPy/ide/_/v0.2.4/maixpy-ide-windows-0.2.4.exe
maixpy-ide-mac-0.2.4.dmg:
http://dl.sipeed.com/MAIX/MaixPy/ide/_/v0.2.4/maixpy-ide-mac-0.2.4.dmg
maixpy-ide-linux-x86_64-0.2.4-installer-archive.7z:
http://dl.sipeed.com/MAIX/MaixPy/ide/_/v0.2.4/maixpy-ide-linux-x86_64-0.2.4-i
maixpy-ide-linux-x86_64-0.2.4.run:
http://dl.sipeed.com/MAIX/MaixPy/ide/_/v0.2.4/maixpy-ide-linux-x86_64-0.2.4.r
```

After download is complete, we can obtain following software.

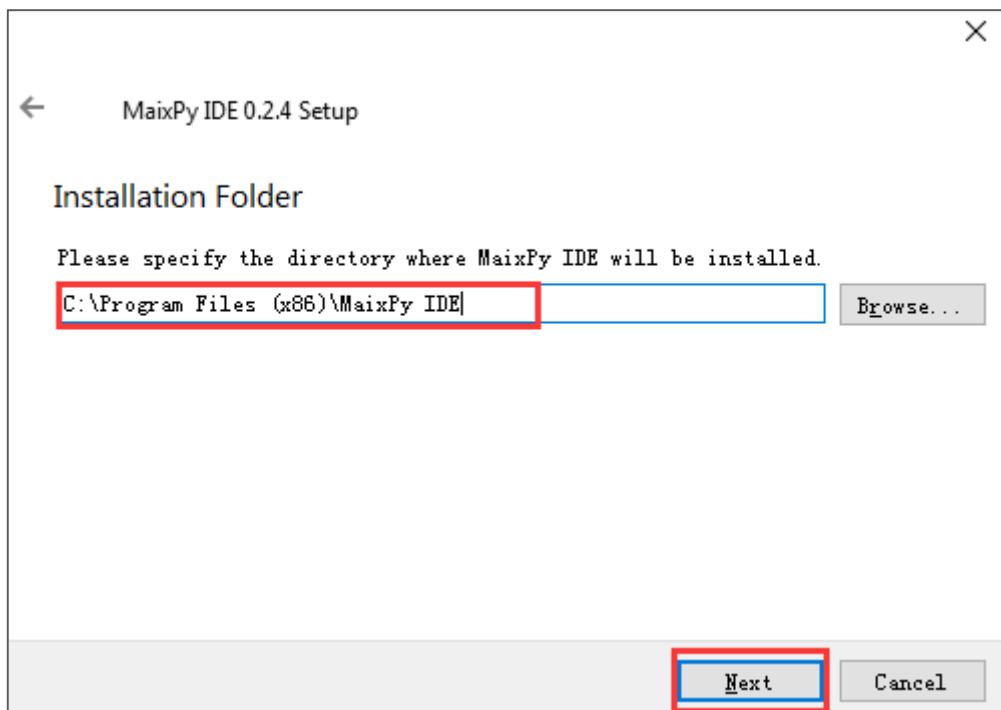


2. Install MaixPy IDE software

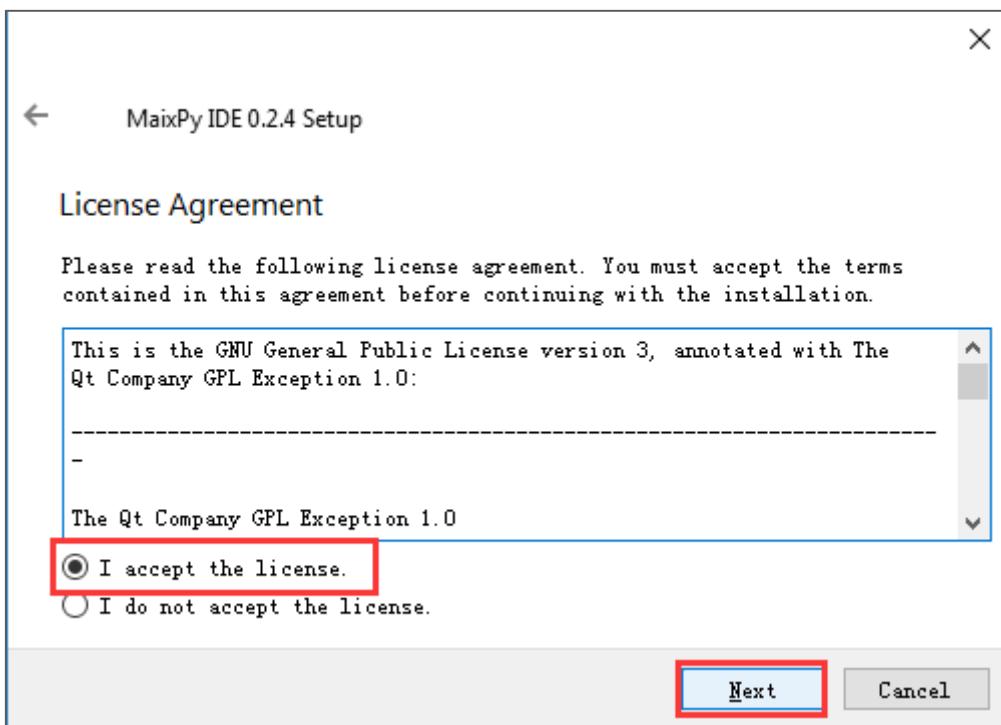
2.1 Click .exe file to install and click Next.

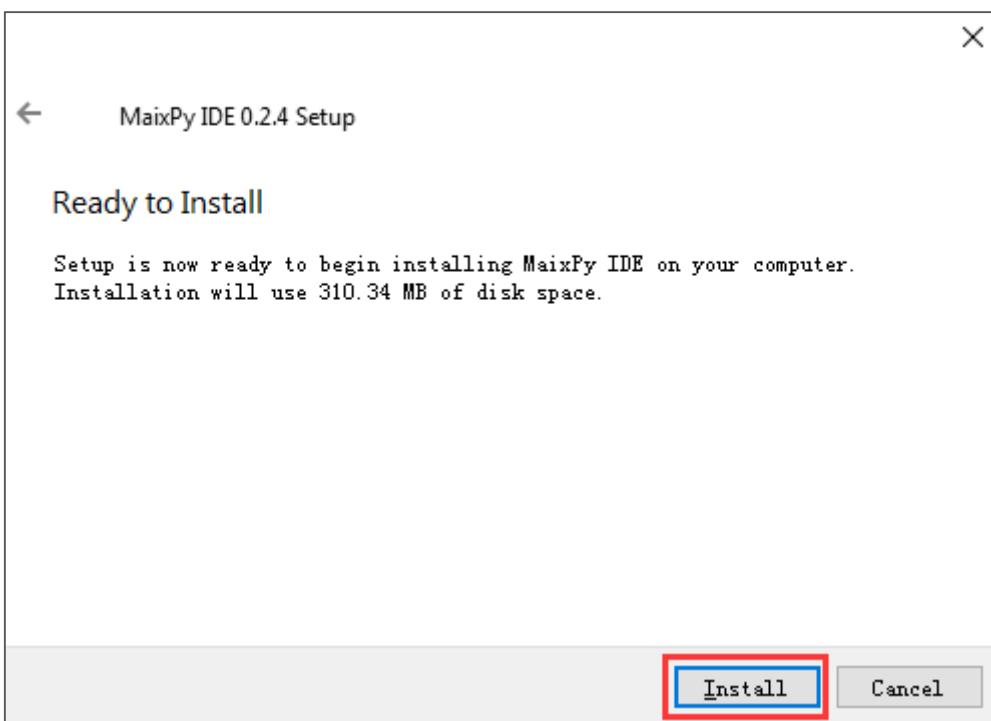
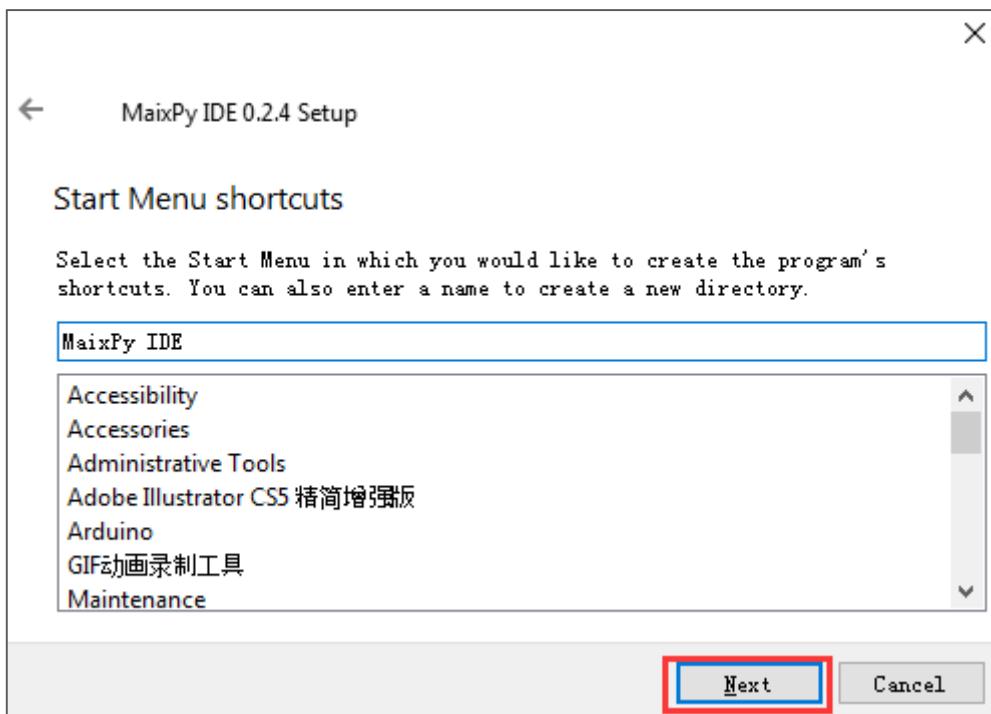


2.2 We can choose install path. Then, click “Next”.

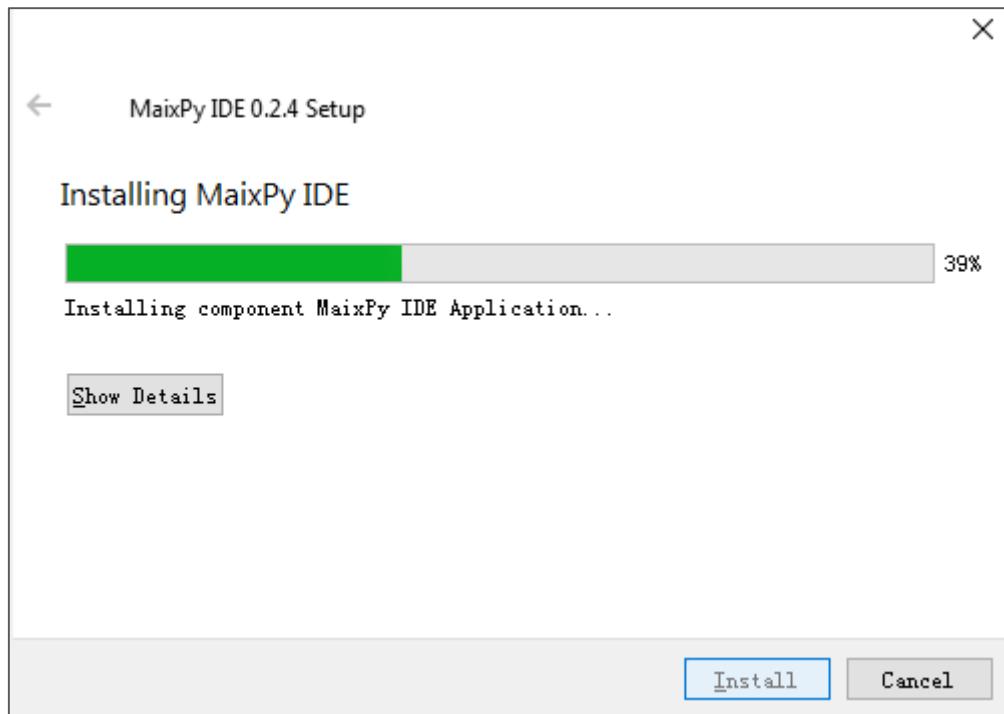


3. Click "i accept the license" and click "Next".





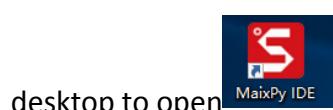
4. During installation, we can see that the green scroll bar starts to scroll. When the scrolling is completed, it means that the installation is complete.



5. Check 'Launch MaixPy IDE' and click finish.



6. The interface will automatically open after clicking "Finish", or double-click the shortcut on the



desktop to open

S helloworld_1.py - MaixPy IDE

File Edit Tools Window Help

helloworld_1.py ▾ | X | Line: 25, Col: 1 Frame Buffer Record Zoom Disable

```
1 # Hello World Example
2 #
3 # Welcome to the MaixPy IDE!
4 # 1. Conenct board to computer
5 # 2. Select board at the top of MaixPy IDE: `tools->Select Board`
6 # 3. Click the connect button below to connect board
7 # 4. Click on the green run arrow button below to run the script!
8
9 import sensor, image, time, lcd
10
11 lcd.init(freq=15000000)
12 sensor.reset()           # Reset and initialize the sensor.  Do this before using
13                         # run automatically, call sensor.run()
14 sensor.set_pixformat(sensor.RGB565) # Set pixel format to RGB565 (or GRB565)
15 sensor.set_framesize(sensor.QVGA)   # Set frame size to QVGA (320x240)
16 sensor.skip_frames(time = 2000)    # Wait for settings take effect.
17 clock = time.clock()             # Create a clock object to track the Elapsed time
18
19 while(True):
20     clock.tick()                # Update the FPS clock.
21     img = sensor.snapshot()      # Take a picture and return the image.
22     lcd.display(img)            # Display on LCD
23     print(clock.fps())          # Note: MaixPy's Cam runs about half
24                         # to the IDE. The FPS should increase over time.
25 |
```

No Image

Histogram RGB Color Space

Res - No Image

Mean 0 Median 0 Mode 0 StDev 0
Min 0 Max 0 LQ 0 UQ 0

Mean 0 Median 0 Mode 0 StDev 0
Min 0 Max 0 LQ 0 UQ 0

Mean 0 Median 0 Mode 0 StDev 0
Min 0 Max 0 LQ 0 UQ 0

Search Results Serial Terminal Firmware Version: Serial Port: FPS: