

ODROID-GO Device Firmware update

Firmware update notice

We've been posting the firmware release news in [this forum link](#).
Keep checking the post.

Error while erasing flash memory

If you meet an error when you erase/flash the firmware, you need to force the ODROID-GO into the flashing mode.
Turn the device off -> Hold the "Volume" button -> Turn the device on
-> Keep holding the "Volume" button until flashing starts.

Windows

If you want to write an old firmware version before "August 6, 2018", please refer to the link below. [Updating firmware before "August 6, 2018"](#)

This instruction was tested on Windows 10. Some users reported it worked on Windows 7 too.
You might need to install the USB-UART CP2104 VCP driver for Windows **when the ODROID turns on**.
[VCP driver for Windows](#)
You need to check the COM port number with Device Manager.
Refer this [guide](#).

1. Get a Firmware image

Firmware release info : <https://github.com/OtherCrashOverride/odroid-go-firmware/releases>
[odroid-go-firmware-20181001.img](#)

2. Download and extract the flash tool

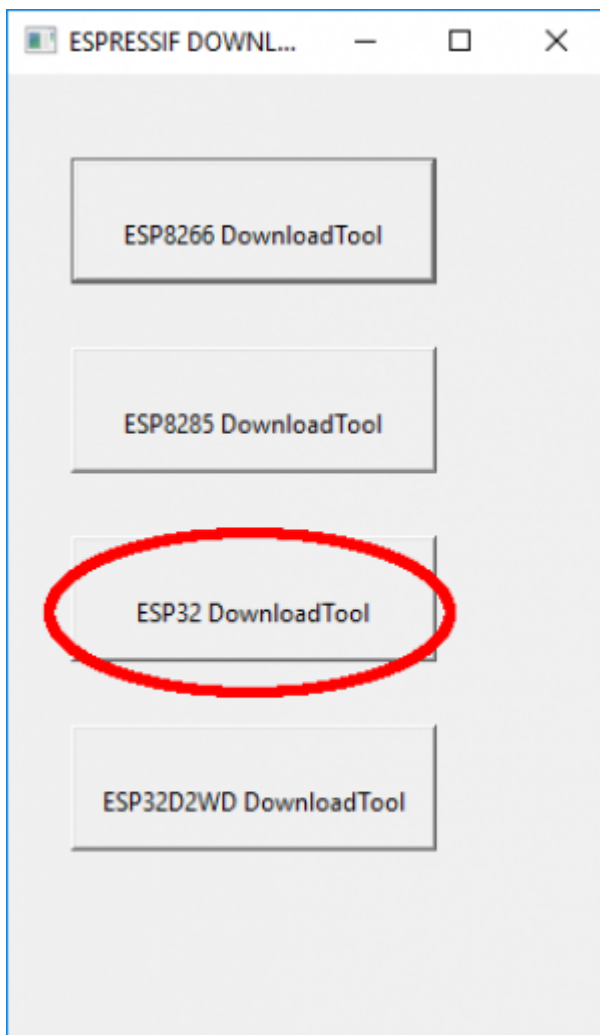
[flash_download_tools_v3.6.5_0.zip](#)

3. Connect your ODROID-GO to PC

4. Run the ESP flash tool

Name	Date modified	Type	Size
bin_tmp	1/26/2018 8:18 PM	File folder	
combine	1/26/2018 8:17 PM	File folder	
configure	1/30/2018 4:00 PM	File folder	
init_data	1/26/2018 8:17 PM	File folder	
RESOURCE	1/26/2018 8:17 PM	File folder	
.DS_Store	9/22/2017 7:41 PM	DS_STORE File	7 KB
DownloadTool_release_note.txt	1/30/2018 3:59 PM	Text Document	1 KB
ESPFlashDownloadTool_v3.6.4.exe	1/30/2018 3:50 PM	Application	25,074 KB
Readme.pdf	9/22/2017 7:41 PM	Adobe Acrobat D...	455 KB

5. Select ESP32

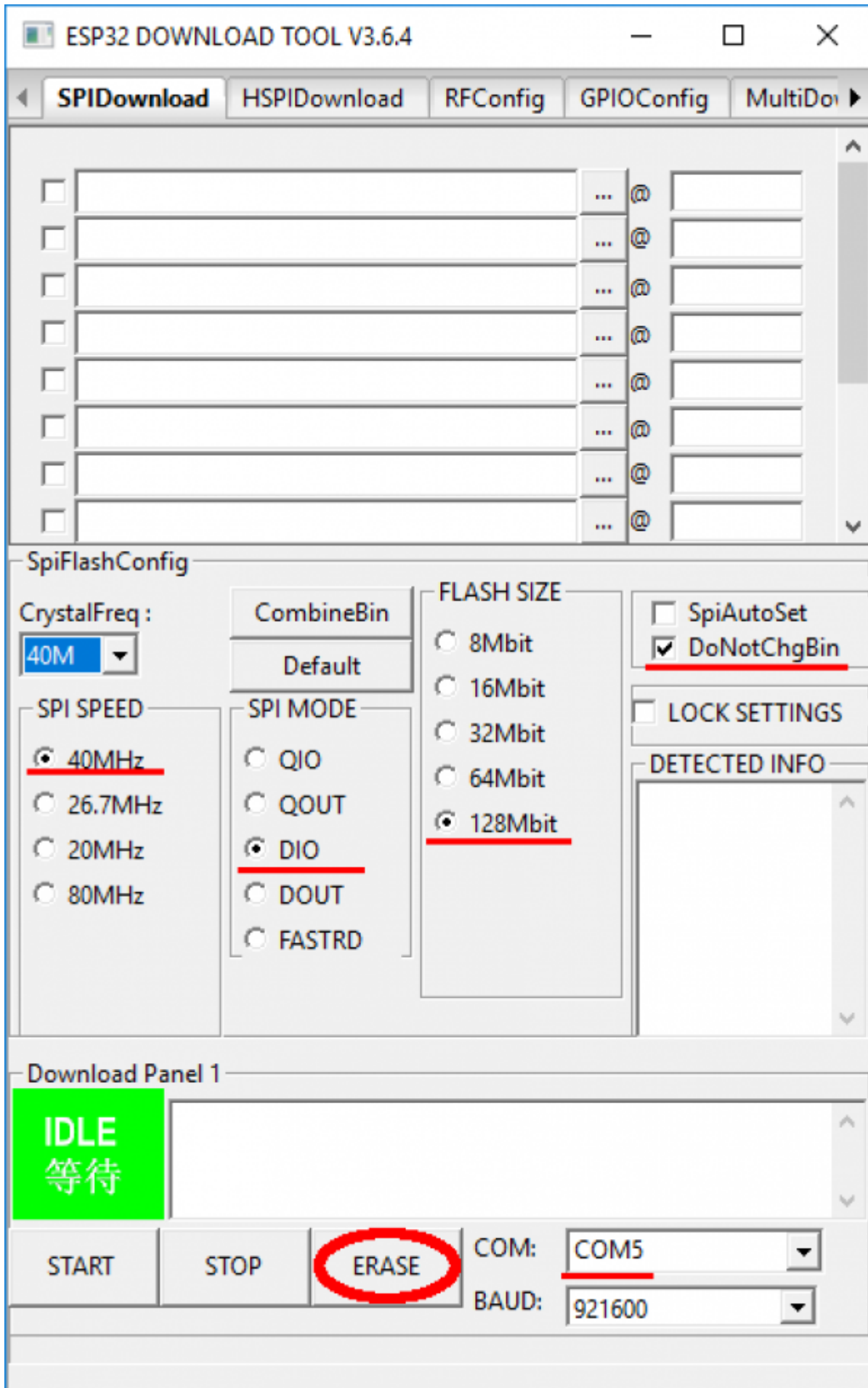


6. Erase

You must erase the flash of ESP32 before uploading a new firmware. **Note that you have to turn the ODROID on first.**

Select parameters as shown in the below picture and check your COM port.

Then, click **ERASE** button.

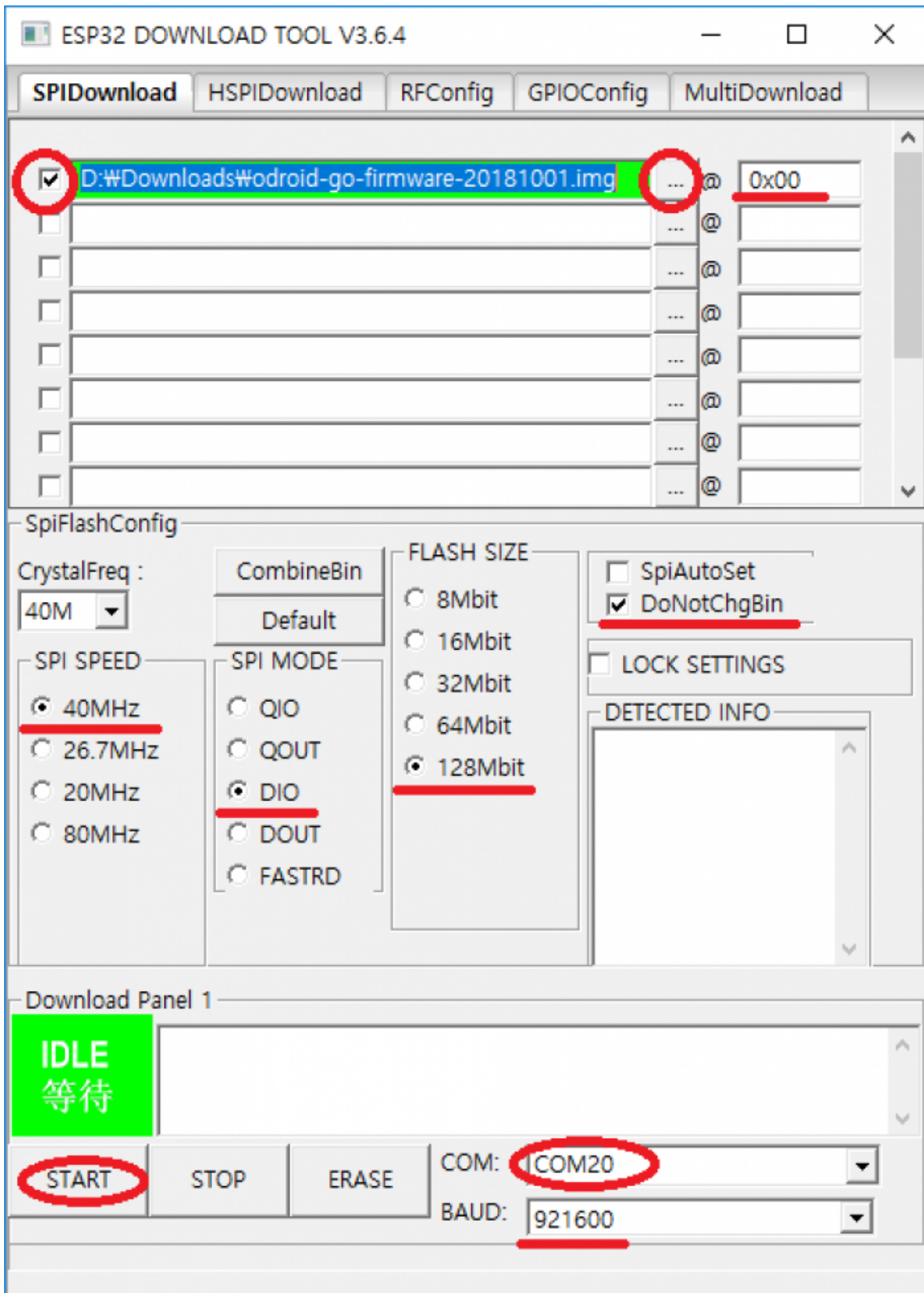


7. Import binaries and start to upload

Select .img file and input parameters as shown in the below picture and check your **COM port**. You have to **select odroid-go-firmware-20181001.img**. It turns **green** if you check.

- odroid-go-firmware-20181001.img 0x00

Then, click **START** button.



Linux

If you want to write firmware version before "August 6, 2018", please refer to the link below.
[Updating firmware before "August 6, 2018"](#)

1. Install the requerments

Open a terminal and run commands below.

```
sudo apt install python-pip
sudo pip install esptool pyserial
```

2. Get a Firmware image

Firmware release info : <https://github.com/OtherCrashOverride/odroid-go-firmware/releases>

```
wget https://github.com/OtherCrashOverride/odroid-go-firmware/releases/download/20181001/odroid-go-firmware-20181001.img
```

3. Check your serial node

Connect your ODROID-GO to HOST-PC. Then, you should check that your serial node is like "/dev/ttyUSB0" or "/dev/ttyUSB1"

If have another serial device connected, you have to disconnect them on your Host PC first.

```
$ ls /dev/ttyUSB*
/dev/ttyUSB0
```

4. Run upload script

Turn on your ODROID-GO. Then, type the following in terminal.

```
esptool.py write_flash odroid-go-firmware-20181001.img
```

Mac OS

[Nice guide by forum user @MisterBiro](#)

Emulator source code & Latest released firmwares

[Emulators source code in Github](#)

[Released Firmwares](#)

From:

<http://wiki.odroid.com/> - **ODROID Wiki**

Permanent link:

http://wiki.odroid.com/odroid_go/firmware_update

Last update: **2019/10/28 02:24**

