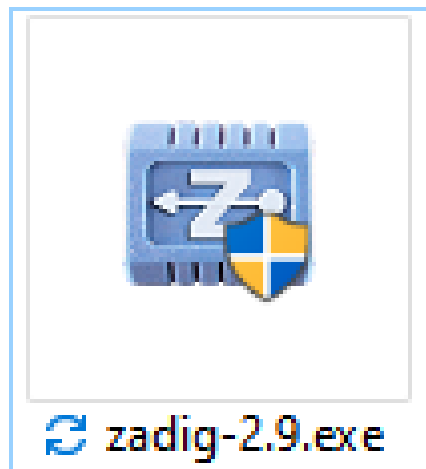
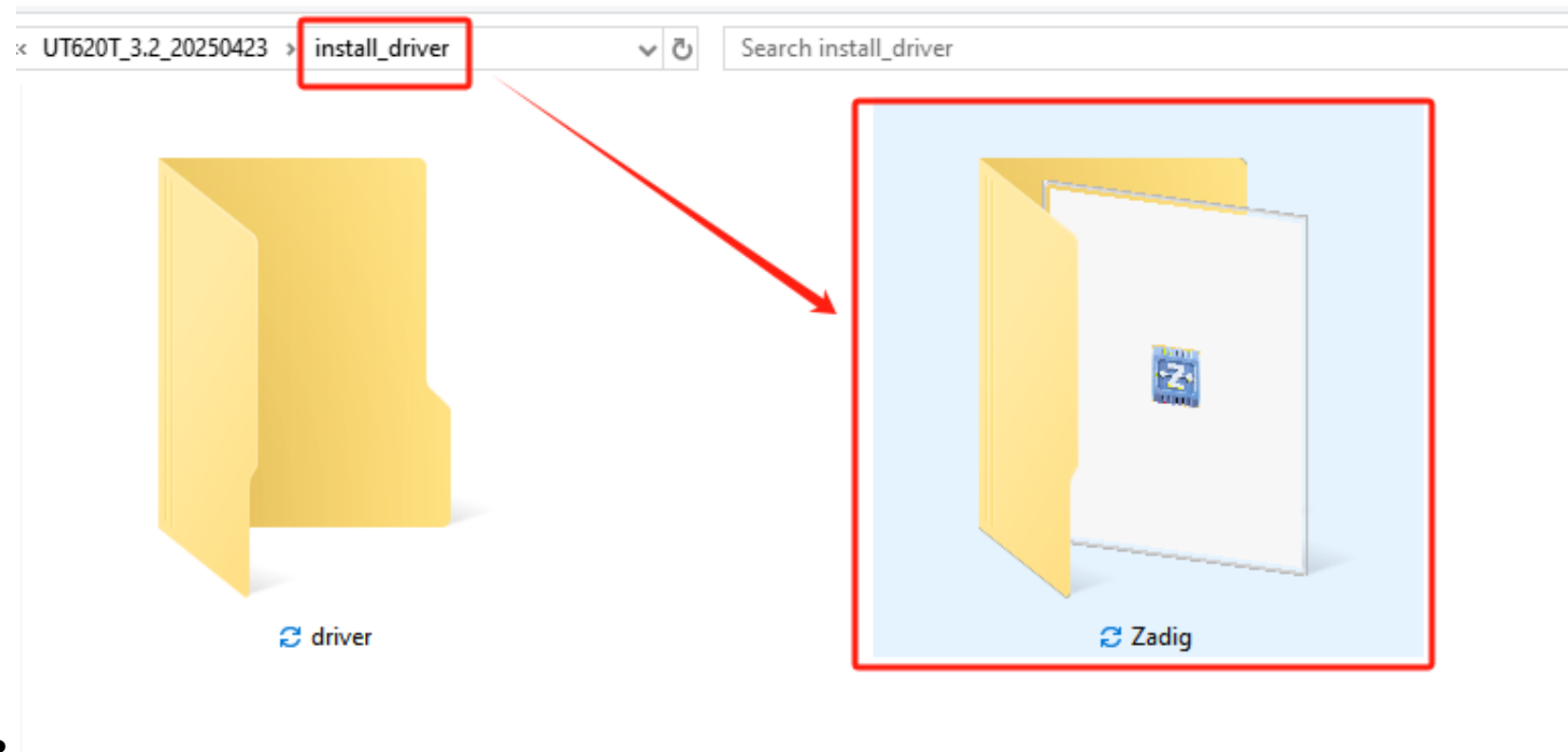


Instructions for USB Connection

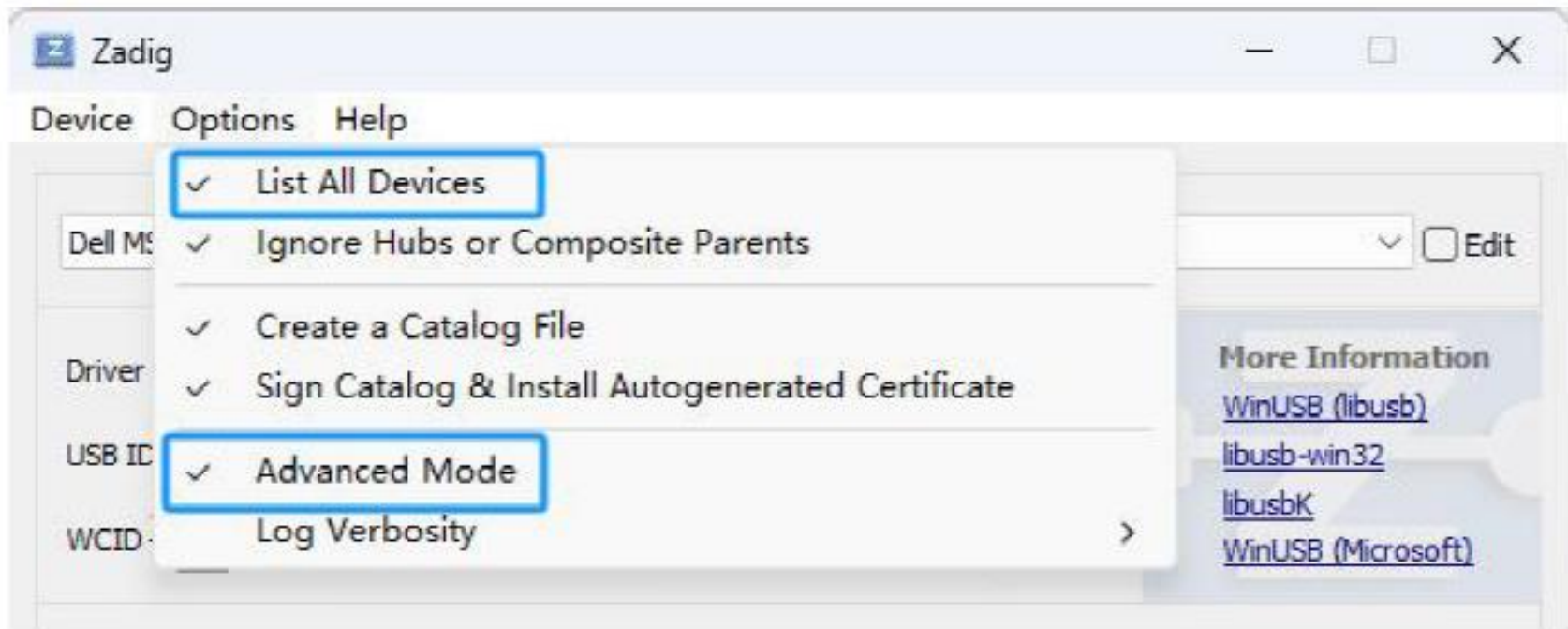
1. Connect the device to the computer using a USB cable.
2. If there is an available internet connection, Windows 8 and above will automatically check for and download driver updates compatible with the system.
3. If the USB icon for the device shows as not connected and the computer prompts "Driver not found" or if the Universal Serial Bus device **DC_Resistance_Tester_10A WINUSB** does not appear in the computer's Device Manager and refreshes frequently, it indicates that the current computer's **WinUSB** device driver is missing or damaged. You can install the driver by following these steps.

Note: Under normal circumstances of driver usage, do not change the driver at will to avoid incompatibility between the new driver and existing devices. If you need to use **Zadig** to install a new driver, it is best to back up the current driver first, so that it can be restored in case of any issues.

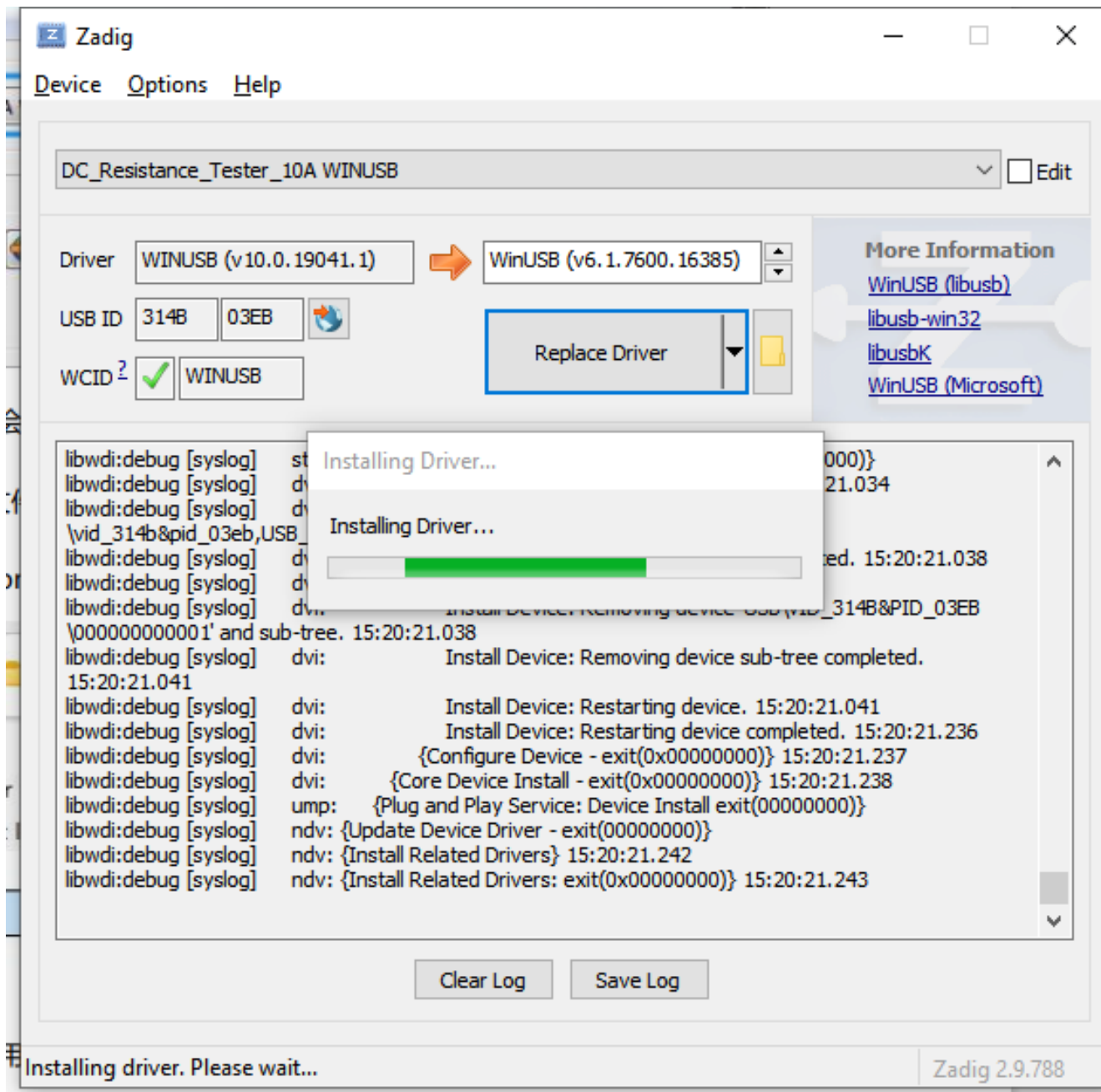
- In the decompressed PC software package, locate the **zadig.exe** file in the **install_driver folder** and **run it as an administrator** (this software does not need to be installed, just run it directly).



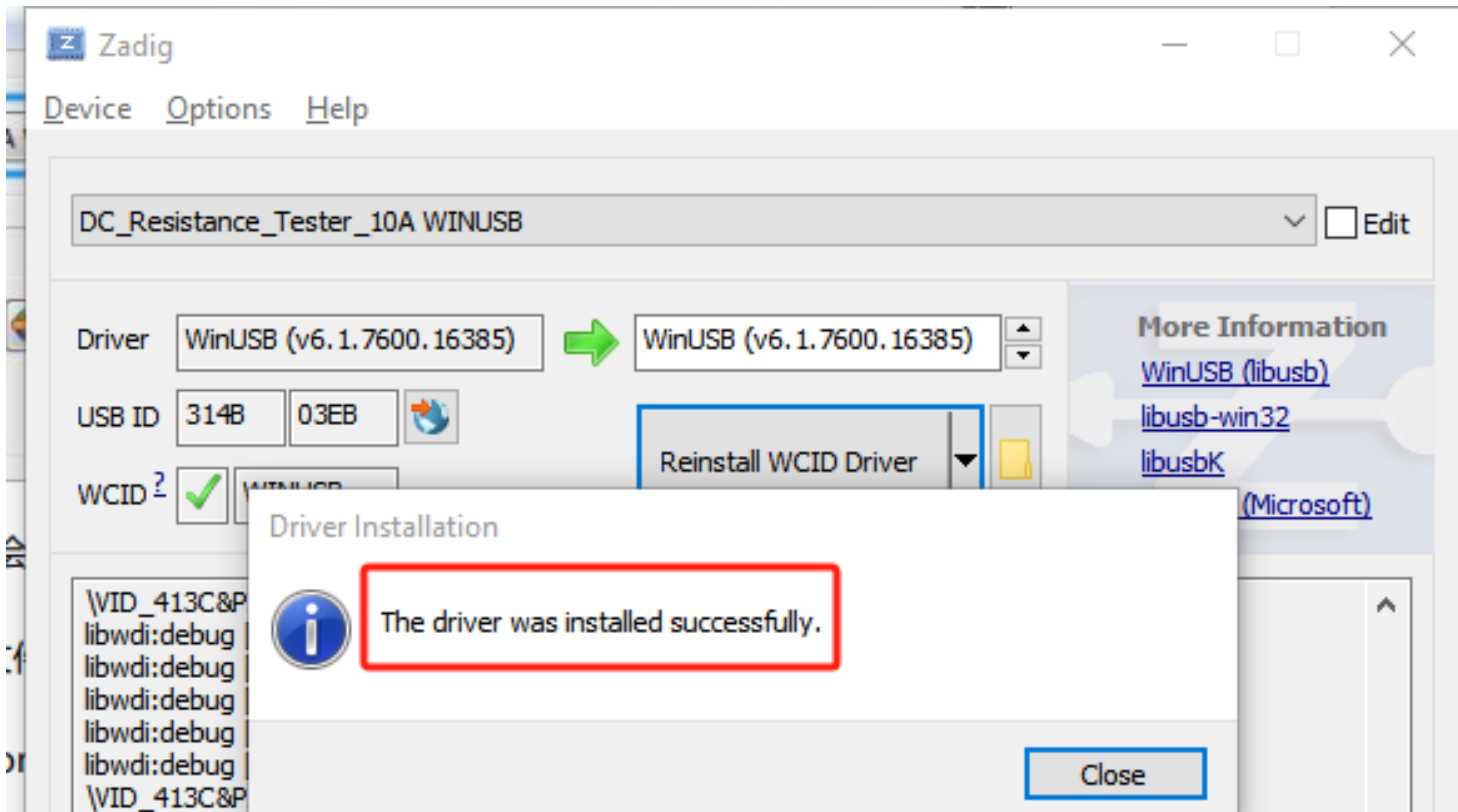
- In the opened **Zadig** software, check the option framed in the image below.



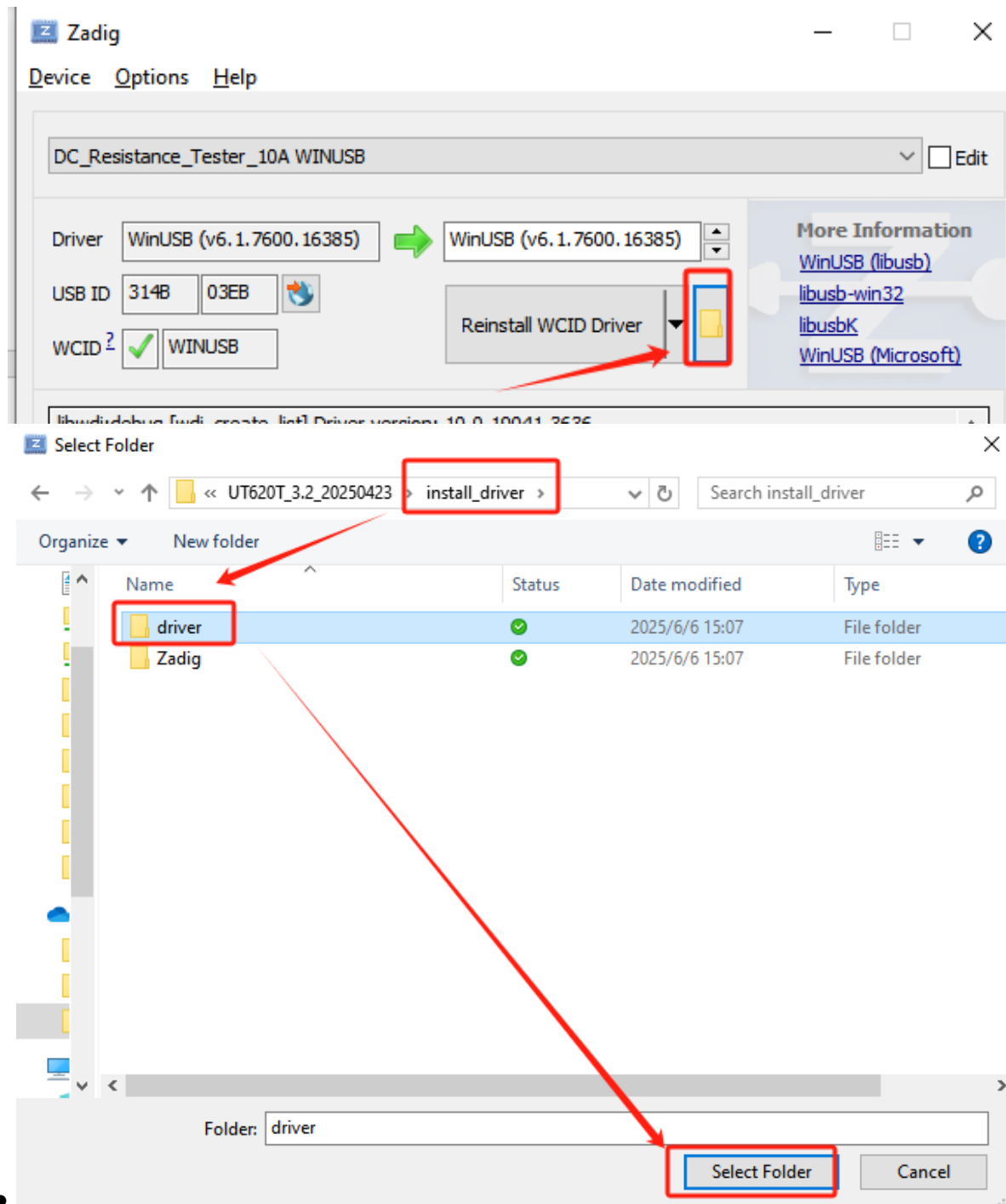
- Since the computer does not have the driver for the **WinUSB** device, the recognized devices displayed in the software may refresh frequently. Therefore, when a device appears in the list, select it and then click Install Driver. A pop-up will notify you when the download is successful.



- Click "Downgrade WCID Driver" to install the driver



- At this point, the software will no longer refresh frequently. We click the 'File' icon on the right side and choose the location to save the file. A 'driver' folder has been created in the install_driver folder, and we can choose to save the file there. Then click '**Extract Files (Don't Install)**' to download the files to the selected location.



Zadig

Device Options Help

DC_Resistance_Tester_10A WINUSB

Edit

Driver WinUSB (v6.1.7600.16385)



WinUSB (v6.1.7600.16385)

USB ID 314B 03EB



WCID ?



WINUSB

Extract WCID Files

More Information

[WinUSB \(libusb\)](#)

[libusb-win32](#)

[libusbK](#)

[WinUSB \(Microsoft\)](#)

Extract Files

[libusb-win32](#)

[libusbK](#)

[WinUSB \(Microsoft\)](#)

Install Driver

Install WCID Driver

✓ Extract Files (Don't Install)

driver

Zadig

- The extracted file is as follows, open the selected **WinUSB_Generic_Device.inf** file using Notepad.

 amd64

 arm64

 license

 x86

 installer_arm64.exe

 installer_x64.exe

 installer_x86.exe

 WinUSB_Generic_Device.cat

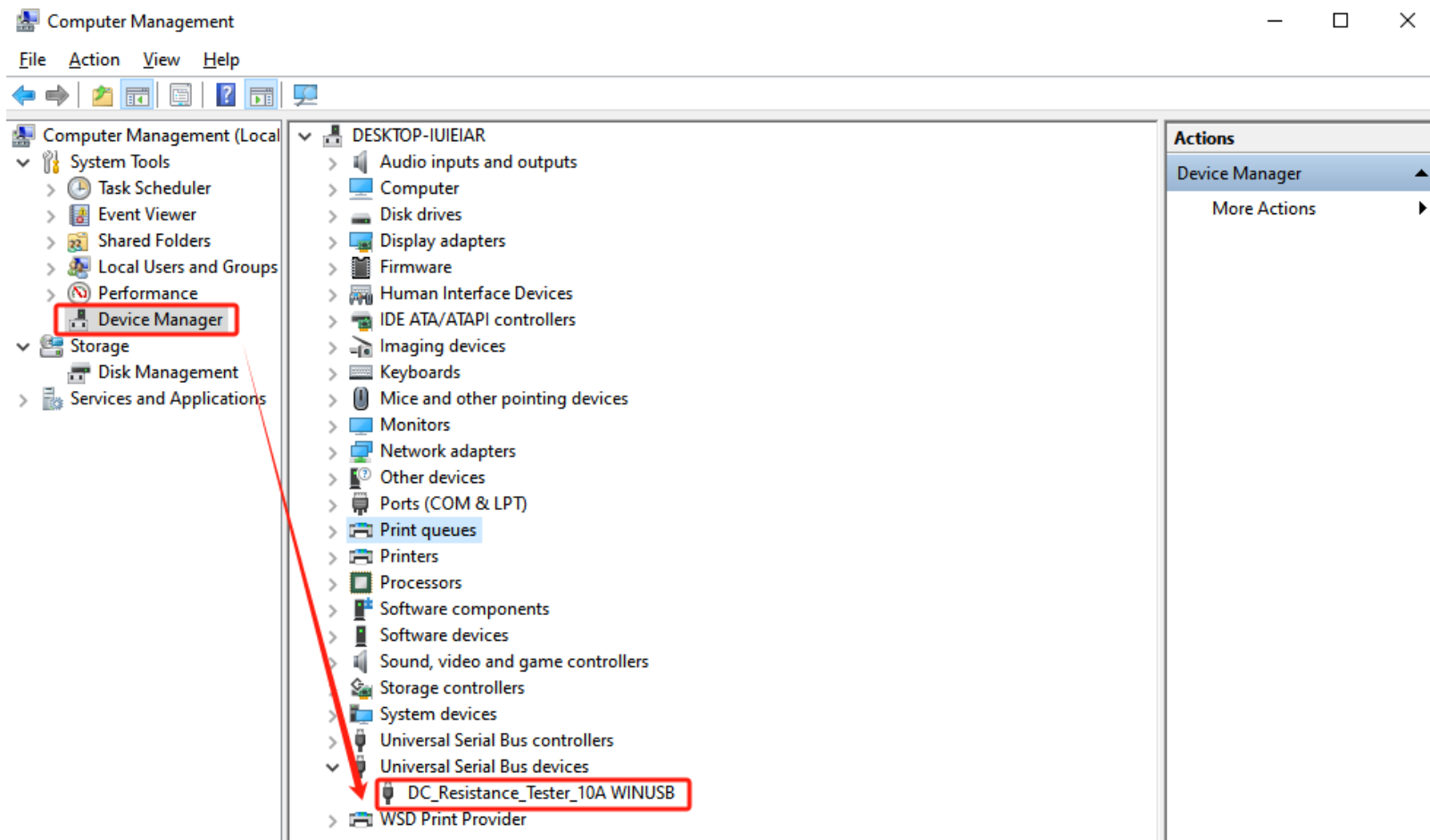
 WinUSB_Generic_Device.inf

- Modify the content in the braces of DeviceGUID in the **WinUSB_Generic_Device.inf** file to **DEE824EF-729B-4A0E-9C14-B7117D33A817**, and then save the file.

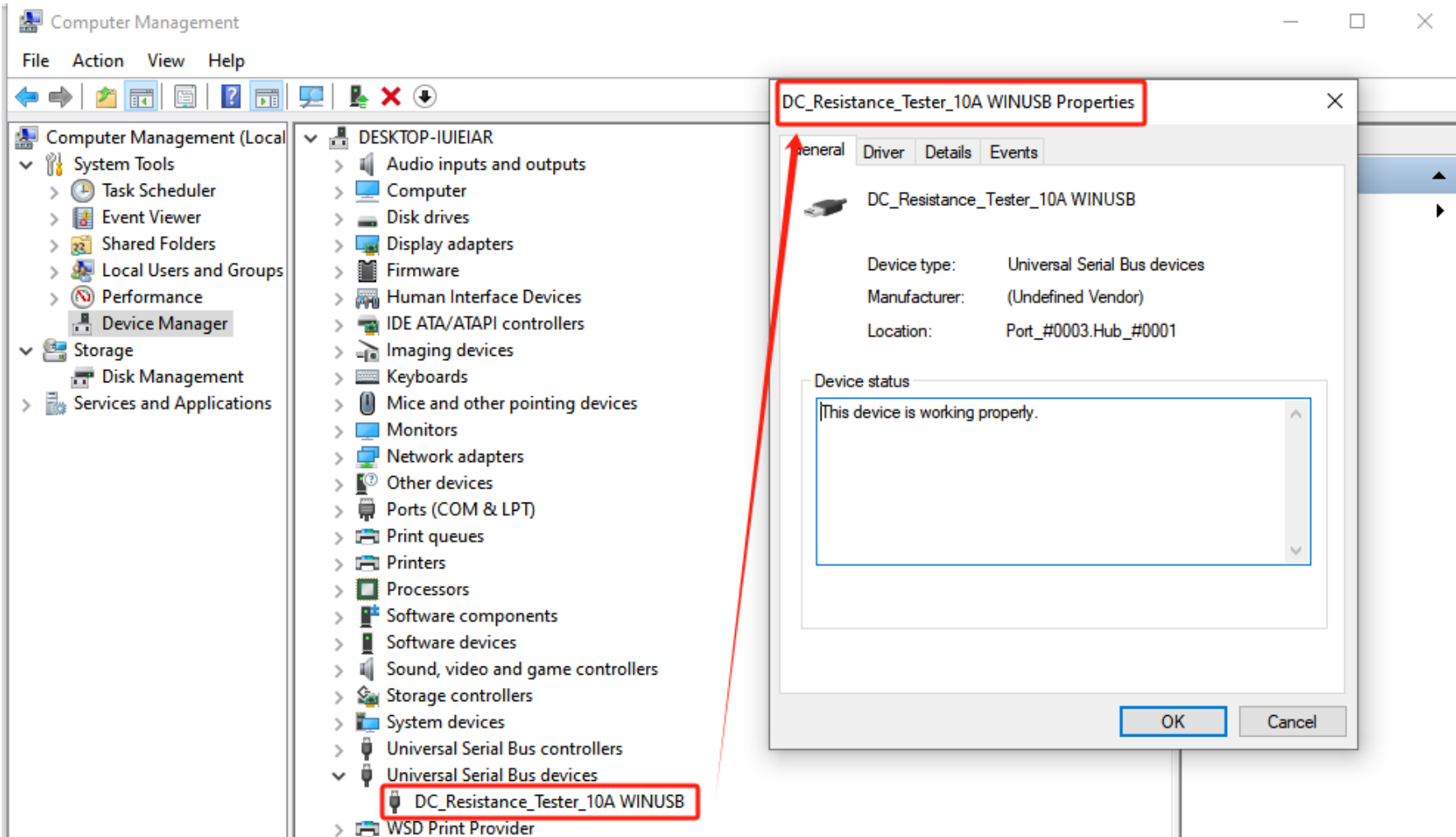
```
; DC_Resistance_Tester_10A_WINUSB.inf
; Copyright (c) 2010-2023 Pete Batard <pete@akeo.ie> (GNU LGPL)
[Strings]
DeviceName = "DC_Resistance_Tester_10A WINUSB"
VendorName = "(Undefined Vendor)"
SourceName = "DC_Resistance_Tester_10A WINUSB Install Disk"
DeviceID   = "VID_314B&PID_03EB"
DeviceGUID = "{DEE824EF-729B-4A0E-9C14-B7117D33A817}"

[Version]
Signature = "$Windows NT$"
Class     = "USBDevice"
ClassGuid = {88bae032-5a81-49f0-bc3d-a4ff138216d6}
Provider  = "libwdi"
CatalogFile = DC_Resistance_Tester_10A_WINUSB.cat
DriverVer  = 06/02/2012, 6.1.7600.16385
```

- Open **Device Manager** and find the following option.



- Right-click on DC_Resistance_Tester_10A WINUSB, click Properties -> Driver -> Update Driver.



Computer Management

File Action View Help



Computer Management (Local)

- System Tools
 - Task Scheduler
 - Event Viewer
 - Shared Folders
 - Local Users and Groups
 - Performance
 - Device Manager
- Storage
 - Disk Management
- Services and Applications

DESKTOP-IUIEJAR

- Audio inputs and outputs
- Computer
- Disk drives
- Display adapters
- Firmware
- Human Interface Devices
- IDE ATA/ATAPI controllers
- Imaging devices
- Keyboards
- Mice and other pointing devices
- Monitors
- Network adapters
- Other devices
- Ports (COM & LPT)
- Print queues
- Printers
- Processors
- Software components
- Software devices
- Sound, video and game controllers
- Storage controllers
- System devices
- Universal Serial Bus controllers
- Universal Serial Bus devices
 - DC_Resistance_Tester_10A WINUSB
- WSD Print Provider

DC_Resistance_Tester_10A WINUSB Properties

General Driver Details Events



DC_Resistance_Tester_10A WINUSB

Driver Provider: libwdi

Driver Date: 2012/6/2

Driver Version: 6.1.7600.16385

Digital Signer: USB\VID_314B&PID_03EB (libwdi autogenerated)

Driver Details

View details about the installed driver files.

Update Driver

Update the driver for this device.

Roll Back Driver

If the device fails after updating the driver, roll back to the previously installed driver.

Disable Device

Disable the device.

Uninstall Device

Uninstall the device from the system (Advanced).

OK

Cancel

- Click the '**Browse my computer for drivers**' in the dialog box below.

←  Update Drivers - DC_Resistance_Tester_10A WINUSB

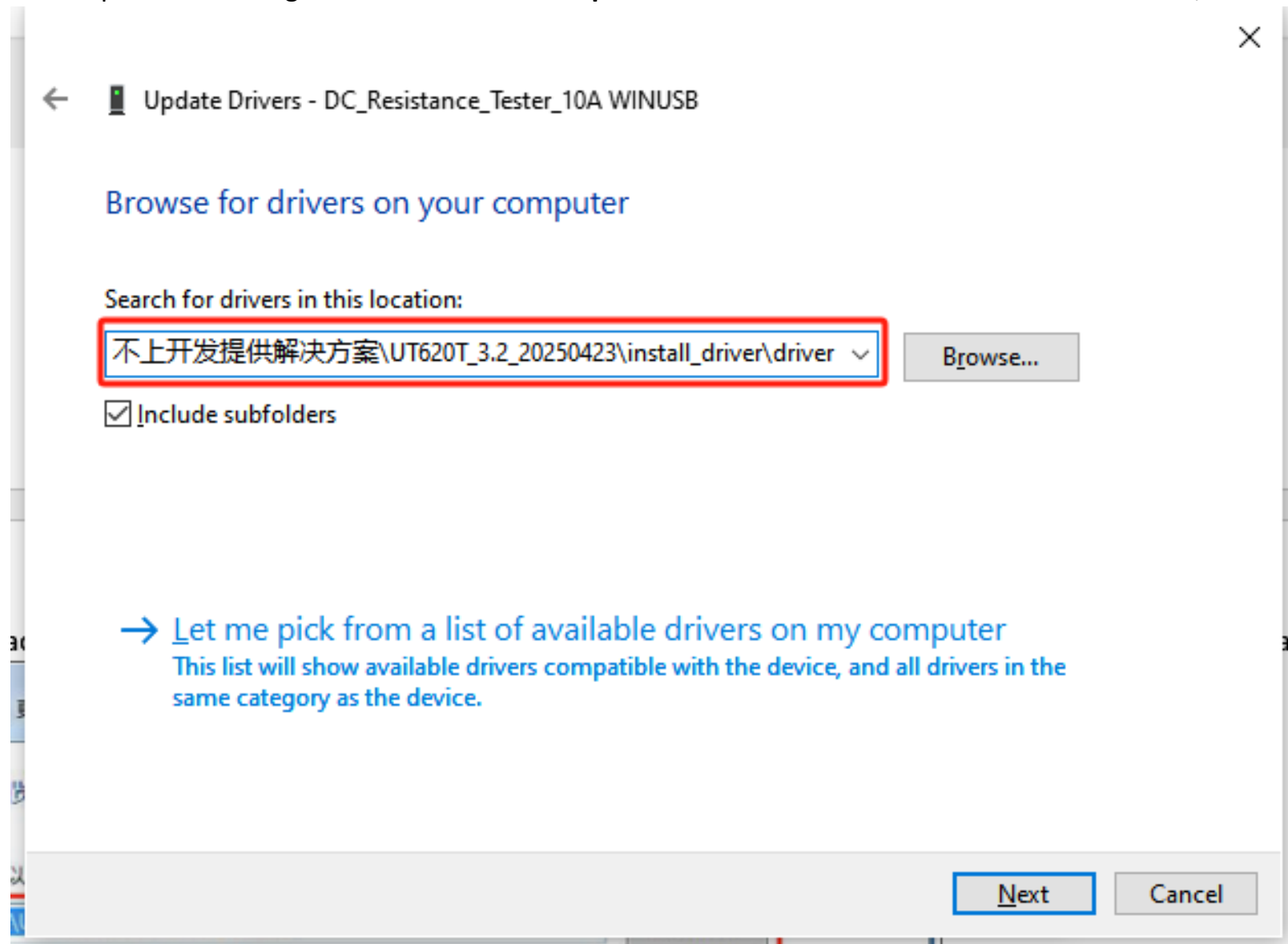
How do you want to search for drivers?

→ Search automatically for drivers
Windows will search your computer for the best available driver and install it on your device.

→ Browse my computer for drivers
Locate and install a driver manually.

Cancel

- Replace the file path in the image below with the **folder path where the extracted driver files were saved**, then click next.



- The driver has been successfully installed, and the device will be able to communicate with the PC software.