

Driver Install And Uninstall Guide

Revision History

Version	Date	Notes
V1.0	2019/11/4	Create
V1.1	2019/11/11	Modified after review

Document Information



Chip Platform	OS Version	Keyword
Common	Win7(32/64)/Win8(32/64)/Win10(32/64)	ADB Driver, USB to serial port driver, Modem Driver

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Introduce Driver Package

- **Driver_Release_Notes.xlsx:**

This document shows the changes of driver releases

- **DriversForWin10:**

This folder include all driver files for Win10 OS platform

DriverSetup.exe: main installer

config.reg: configure for ignore HW serial number by modify system register

dpinst.xml: installer configure file

DPInst32/64.exe: installer using dpinst.xml

Drivers: driver inf/cat/bin files

***.inf:** driver install files

***.cat:** digital signed files

amd64: bin files folder for Win64 platform

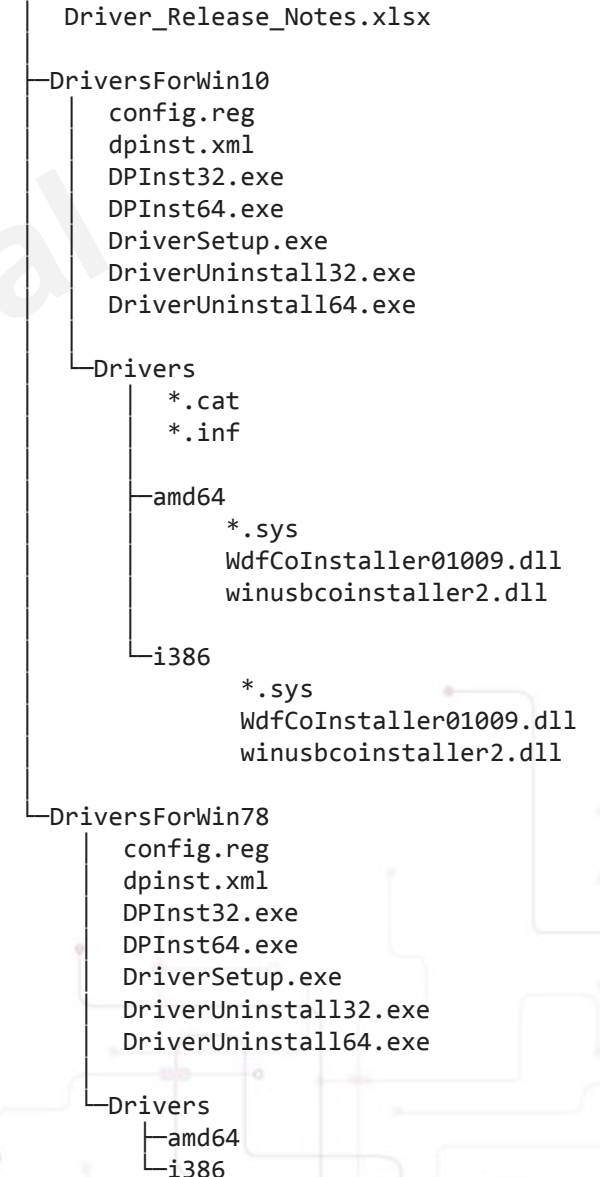
i386: bin files folder for Win32 platform

DriverUninstall32/64.exe: uninstall drivers for Win32 / Win64 platform

- **DriversForWin78:**

Drivers for Win7 and Win8 OS platform

It is same as the folder “DriversForWin10”



- How to uninstall drivers:
 - For Win32 platform
Run DriverUninstall32.exe with administrator privilege
 - For Win64 platform
Run DriverUninstall64.exe with administrator privilege

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- **Uninstall drivers before install new drivers**

- **How to install drivers:**

- **Fully Install (Recommend)**

1. Remove the USB connection for all UNISOC products
2. For Win10, enter the folder “DriversForWin10” then
For Win7 or Win8, enter the folder “DriversForWin78” then
3. Run DriverSetup.exe **with administrator privilege**
4. Follow install wizard until all steps complete
5. Connect the UNISOC device by USB cable and the system will install the driver automatically

- **Upgrade Install**

1. Close all programs (such as Download or Logel tool) that will use ports or adb
2. Open Device Manager (Right click my computer and select “Manager”, and the select the Device Manager node)
3. Connect the UNISOC device to the PC by USB cable
4. New devices will show in the Device Manager
5. Follow the steps in next page

Driver Install – Update Install

- Step1. Select the device and right click to Upgrade Driver Software...
- Step2. Click “Brows my computer for driver software”
- Step3. Click “Let me pick from a list of device drivers on my computer”
- Step4. Click “Install from disk”

Then click “Brows” to select the inf file which locate the driver package DriversForWin10/Drivers for Win10 or DriverForWin78/Driver for Win7 and Win8

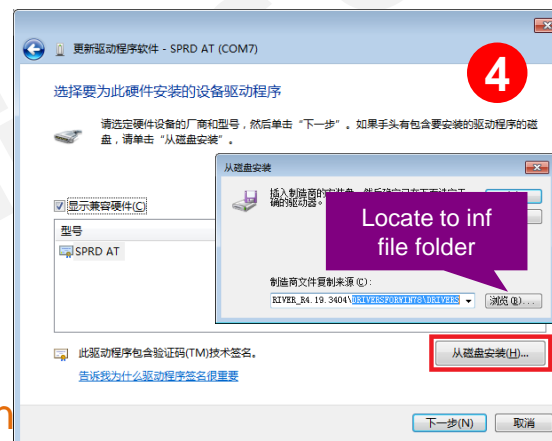
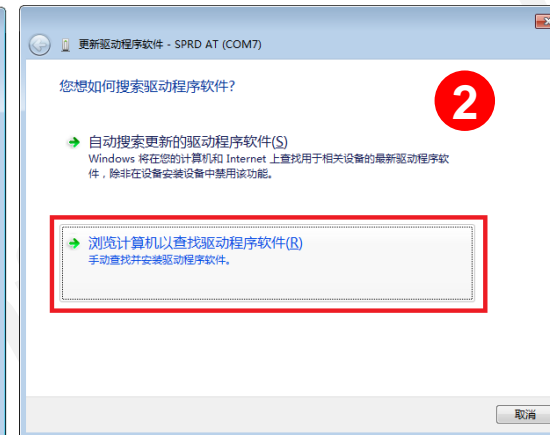
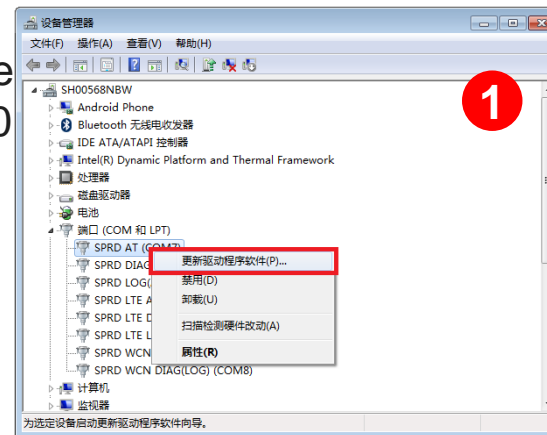
- Step5. Click “Next”

If there is not only one item listed, please select new one and then click “Next”

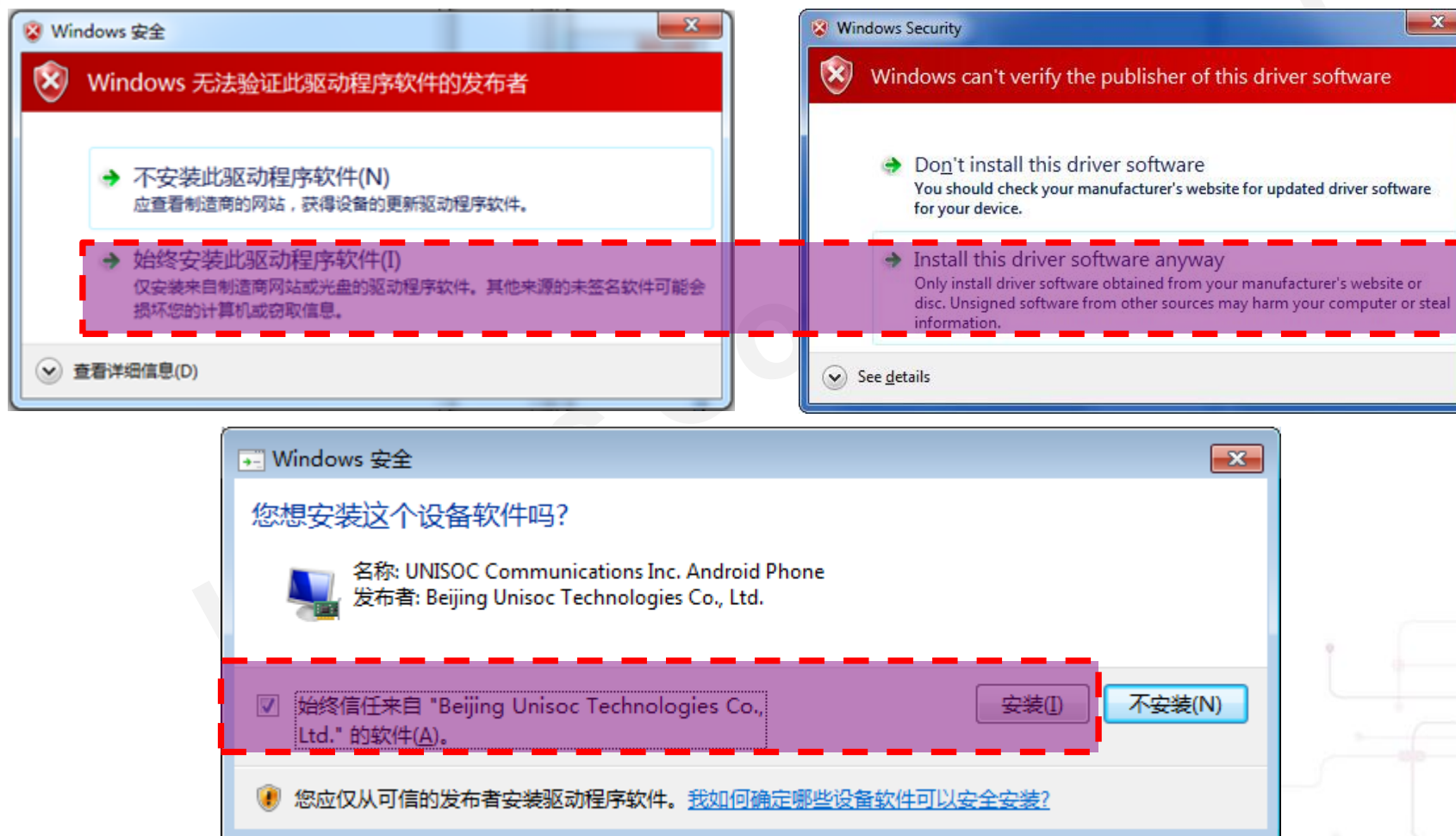
- Step6. Wait until complete
- Step7. Repeat 1-6 for other devices

● Notice:

There is a simple way:
In step3, you can click “Brows” to locate to DriversForWin10 folder for Win10 or DriversForWin78 folder for Win7 and Win8, and then go to step 5.



- Q: Why windows system gives the warning of Windows Security when installing?
- A: It is normal because UNISOC provides drivers with only UNISOC signature and no WHQL verification. Just ignore by clicking "Install this driver software anyway" to skip the warning and continue to install.



- Q: How to check the driver system version?
- A: There are two version information in release notes

- Driver Package Version

Identify unique driver package

- Driver INF and Binary File Version and Date

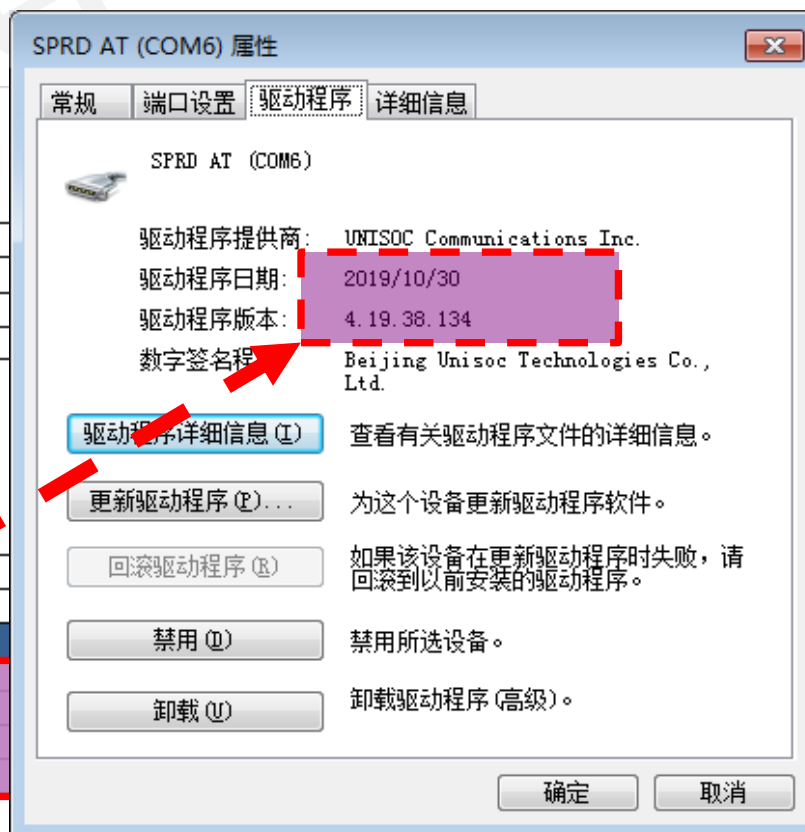
Usually binary files will not be recompiled, and only modify the INF files, so INF and Binary Files are not changed in different driver package. But INF file will update date information, so after install completely please check device property in device manage to check the date and version if same as this.

Release Notes					
Project Name	Driver				
Version	DRIVER R4.19.4403				
Release Date	2019年10月30日				
Base Version	DRIVER R4.19.4402				
Description	1. 增加PID4030/4031/4032/4033的一套配置, 与4026-4029类似, 只是设备侧将RNDIS改成了ECM				

Driver List					
Package	OS	Inf Name	Driver Name	Sys Version	Inf Date
Drivers	Win32/Win64	vcom.inf	vcom.sys	4.19.38.134	10/30/2019
		vmdm.inf	vmdm.sys	4.19.38.134	10/30/2019
		adb.inf			10/30/2019
		vcom.inf	vcom.sys	4.19.38.134	10/30/2019

Driver Package Verison

Driver INF & Binary File Verison



● Q: How to collect log information if install failed?

● A: 1. Setup log:

Windows system will log the setup information for driver installing, and this file is stored at

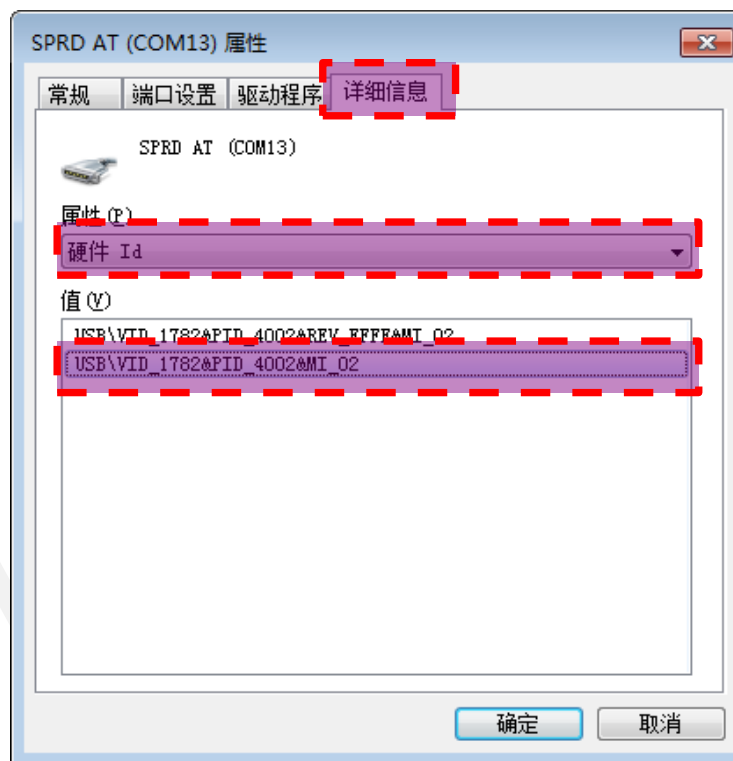
C:\Windows\inf\setupapi.dev.log

2. Device status: get the screen shot as bellow:

Click property of device in Device Manager, and device status is displayed in the “General” tab. If device got any error, the error information will be listed in this view.



- Q: How to check device vid and pid?
- A: Click property of device in device manager and then click “Details” tab
Select “Hardware ID” in property combo box, then value list will show VID and PID, like below screen shot.



THANKS



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