New 8FX Adapter Installation Guide

Summary

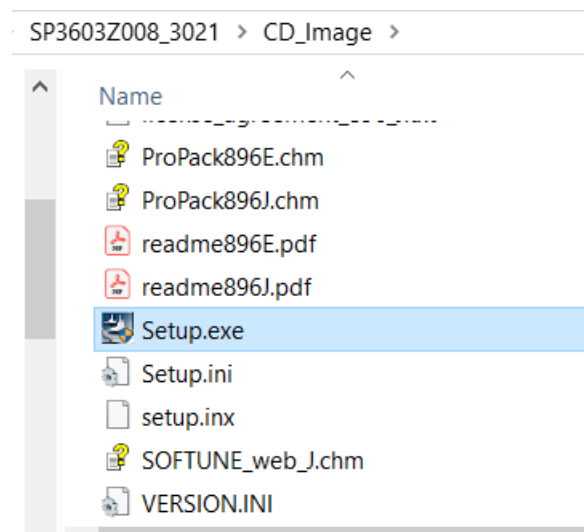Firstly, you can download the related 8FX MCU Tools and code example projects from the following weblink.

http://git-ore.aus.cypress.com/mcuae/8fx-mcu-tool

- ➢ F2MC-8L/8FX Family SOFTUNE (V30L36)
- ➢ USB Programmer (V03L04)
- ➢ Softune_usb_driver_v12001
- ➢ Code Example Project
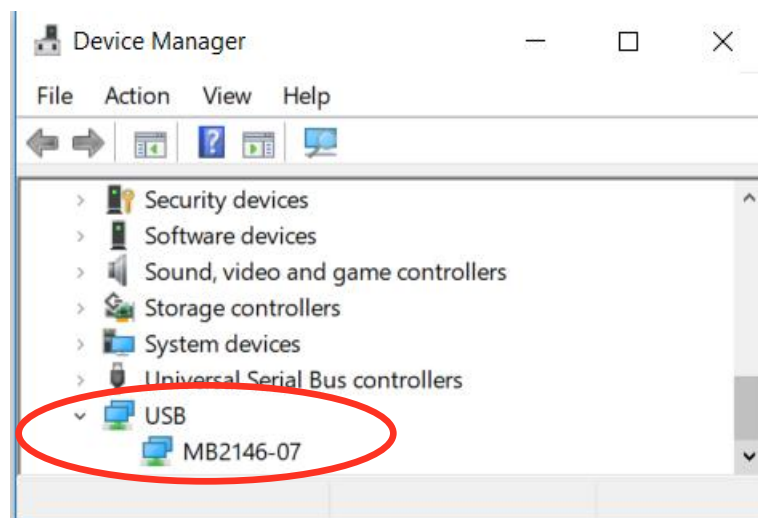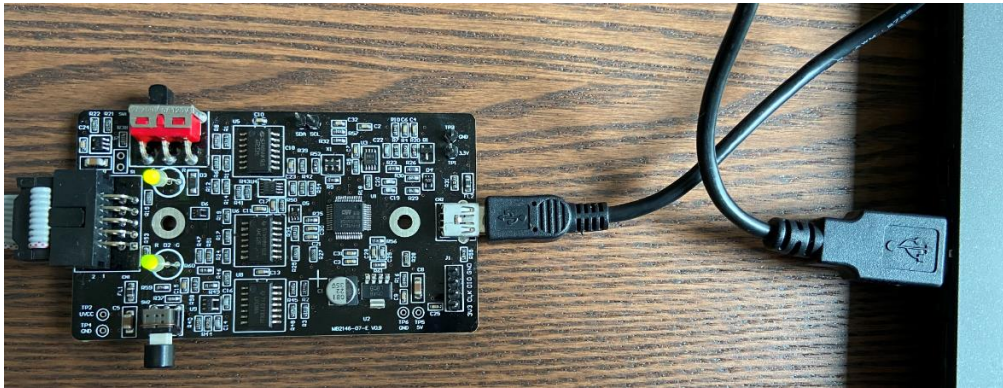
Installation steps

1, Firstly, Install Softune Workbench (V30L36), Double-click Setup.exe in installation package to install it successfully step by step.

2, After Softune is installed, connect the emulator hardware (BGMA) with the computer, and then open Device Manager to check whether the driver for BGMA is normal or not.
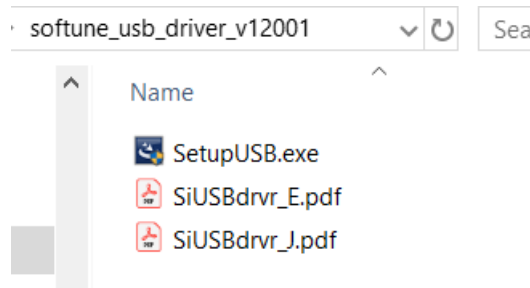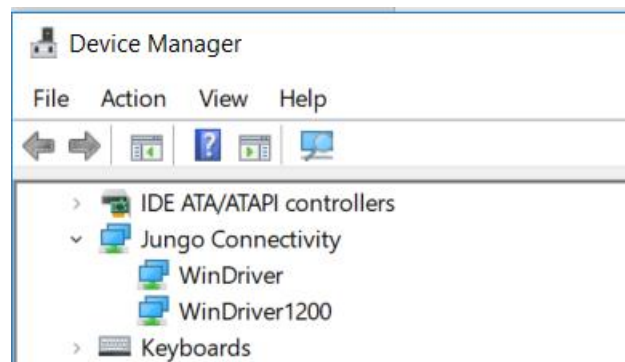
3, Update the driver, due to the driver of softune workbench is v11.5, in order to use the softune normally on Win10 and Win7 system, it needs update the driver.

Install softune usb driver v12.0

➢ Run "SetupUSB.exe".

➢ Specify the directory that you want to install the program in.

➢ Click **Next** to start the installation process. Click **Finish** to complete the installation.

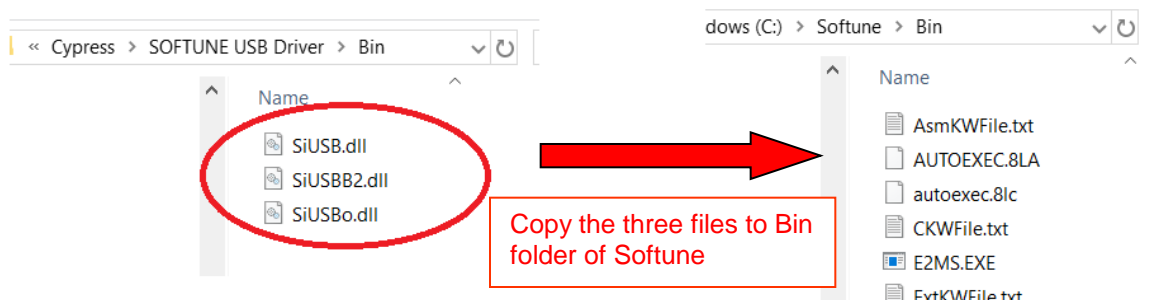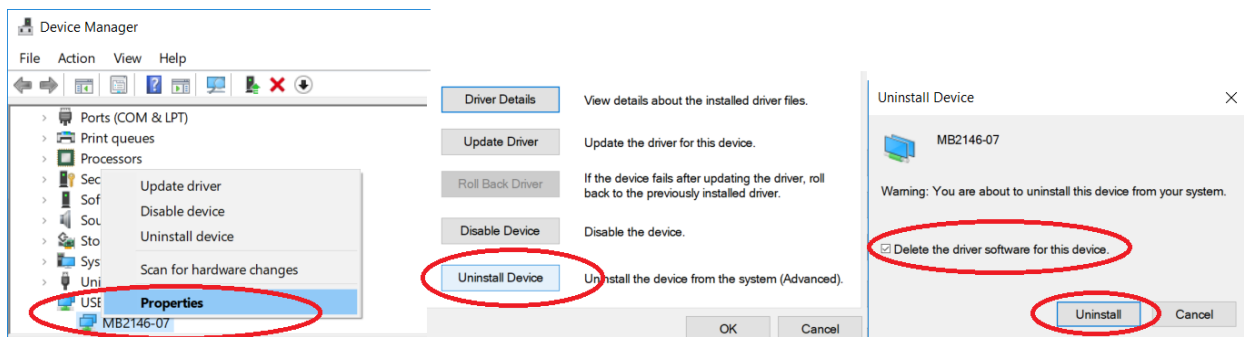And then you can find WinDriver1200 in Device Manager.

4, Uninstall the USB driver (v11.5) of Softune.

- ➢ Connect the emulator hardware (BGMA) and turn on its power

- ➢ Open Device Manager.

- ➢ Right-click the entry from under **Jungo** or **USB**, and then click **Properties.**
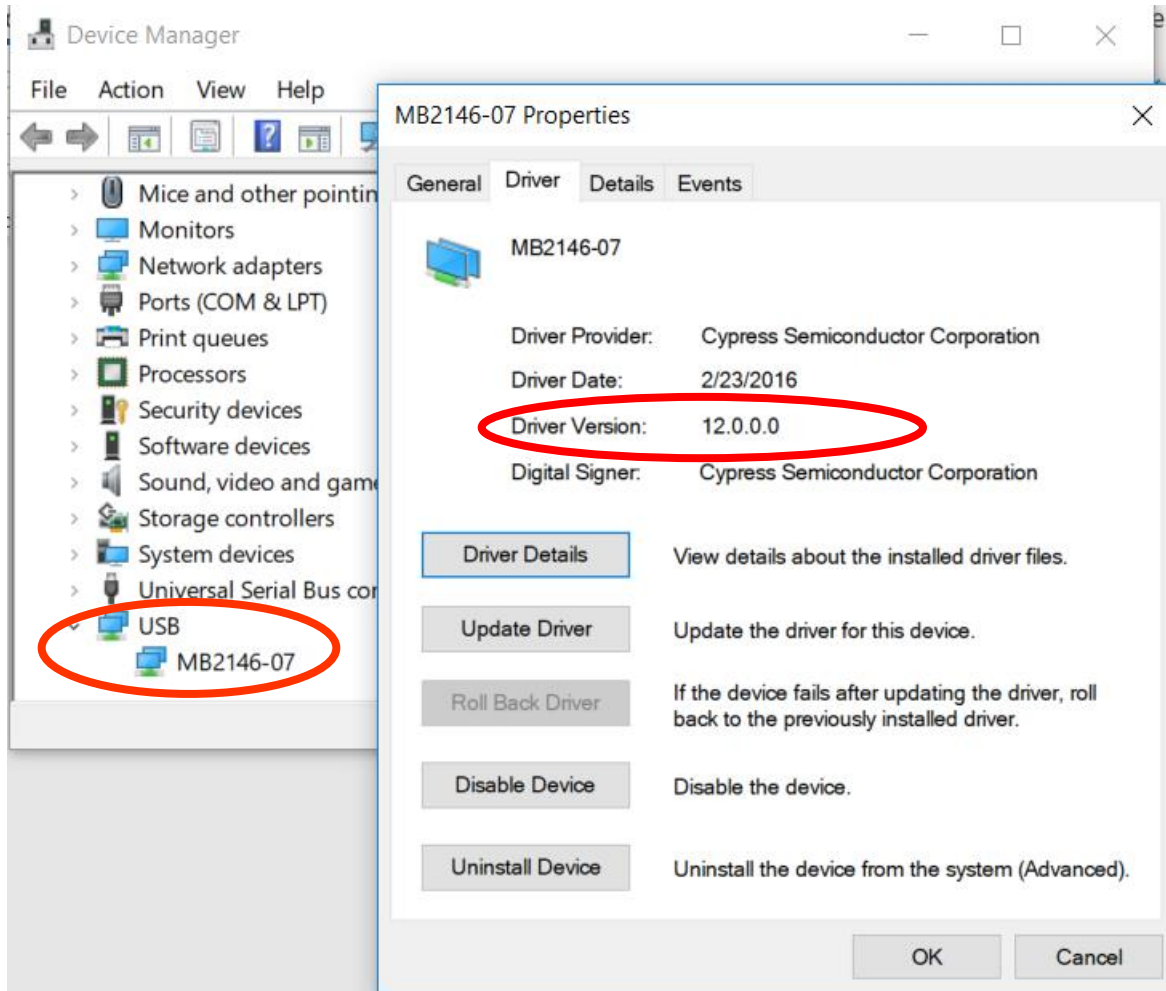
  - "MB2146-07" (For MB2146-07)

- ➢ On the Properties window, click the **Driver** tab, and then click **Uninstall**

- ➢ On the Confirm Device Uninstall dialog, select the **Delete the driver software for this device** option, and click **OK**.

- ➢ Copy all files in the <install directory>\Bin folder of this instance of the USB driver installation to the <install directory>\Bin folder of each instance of the SOFTUNE software installation.

- ➢ Restart the computer.

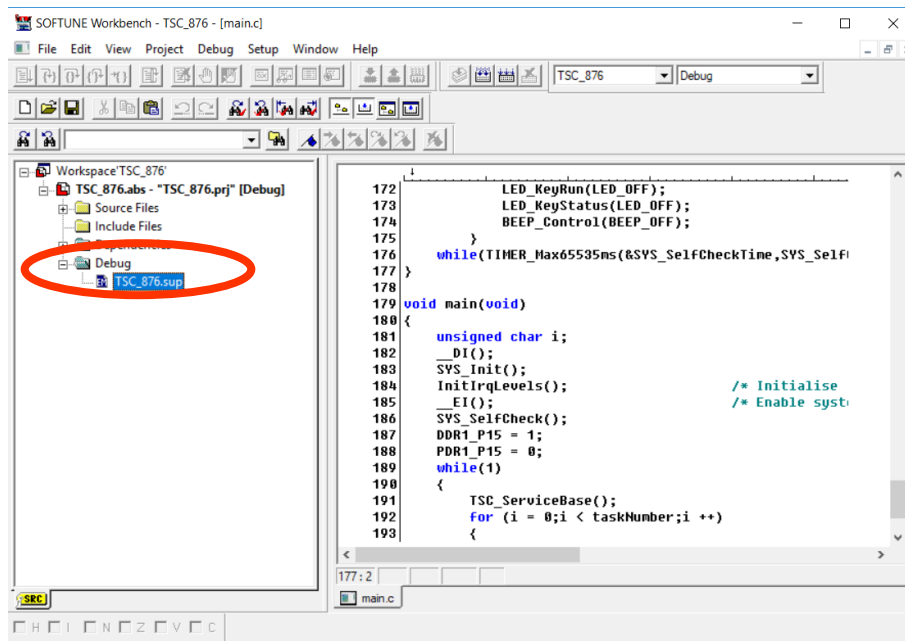Copy the three files to Bin folder of Softune

5, after restarting the computer, connect the emulator hardware (BGMA) with the computer to check whether the driver is right or not.

6, Open an 8FX project with Softune, connect the target board and the computer with the emulator hardware (BGMA) to confirm whether everything is normal or not.
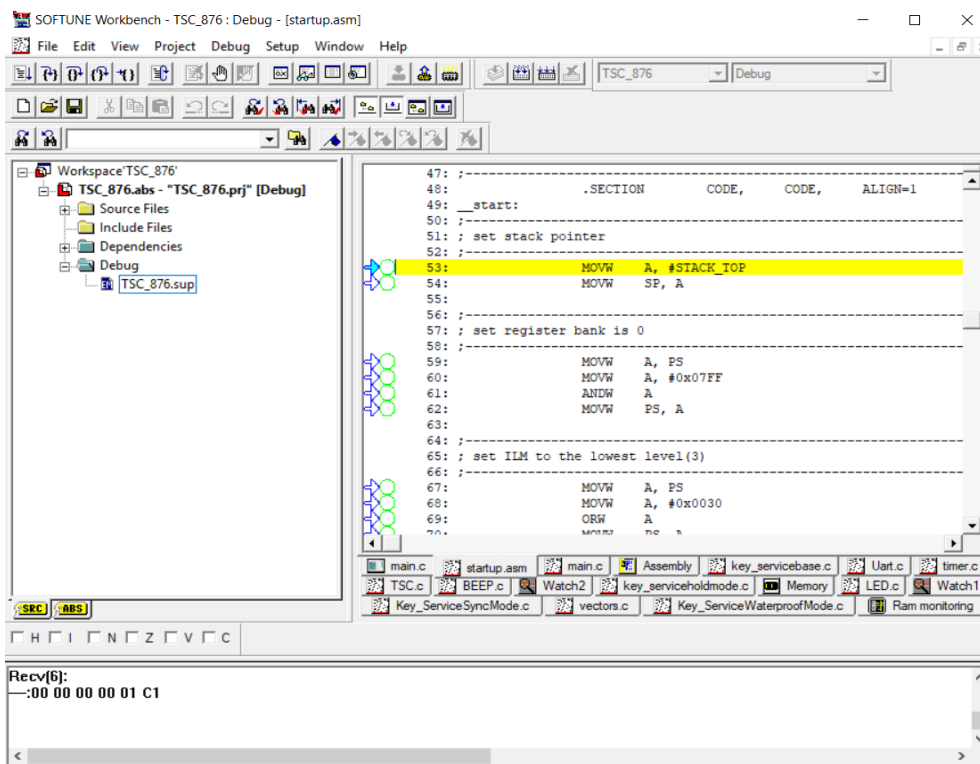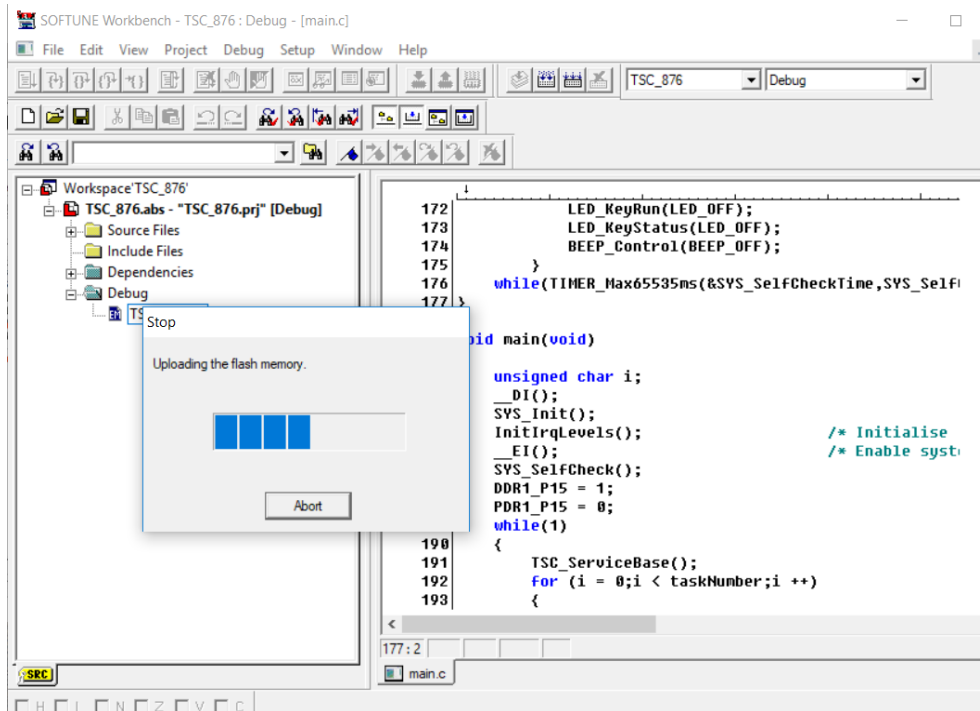
Start to debug the project.

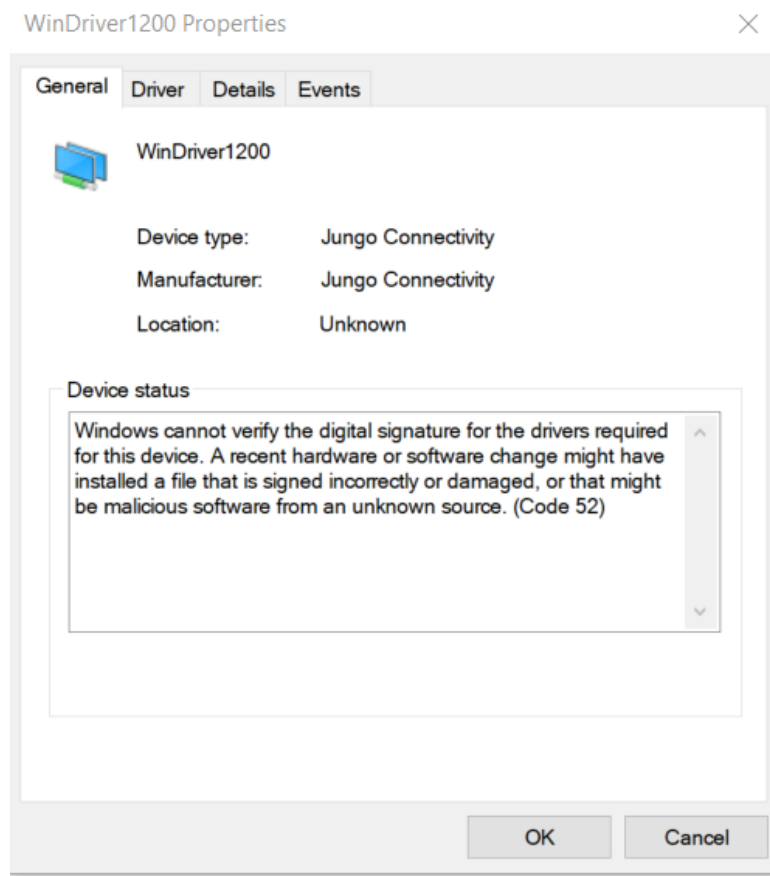If everything is normal, it can connect successfully as below.

If it cannot connect successfully, please pay attentions to the following notes.

Notes

1, Check whether the driver is normal or not.

If the driver still displays abnormal like this after installation and reset computer, Please disable USB digital signature.
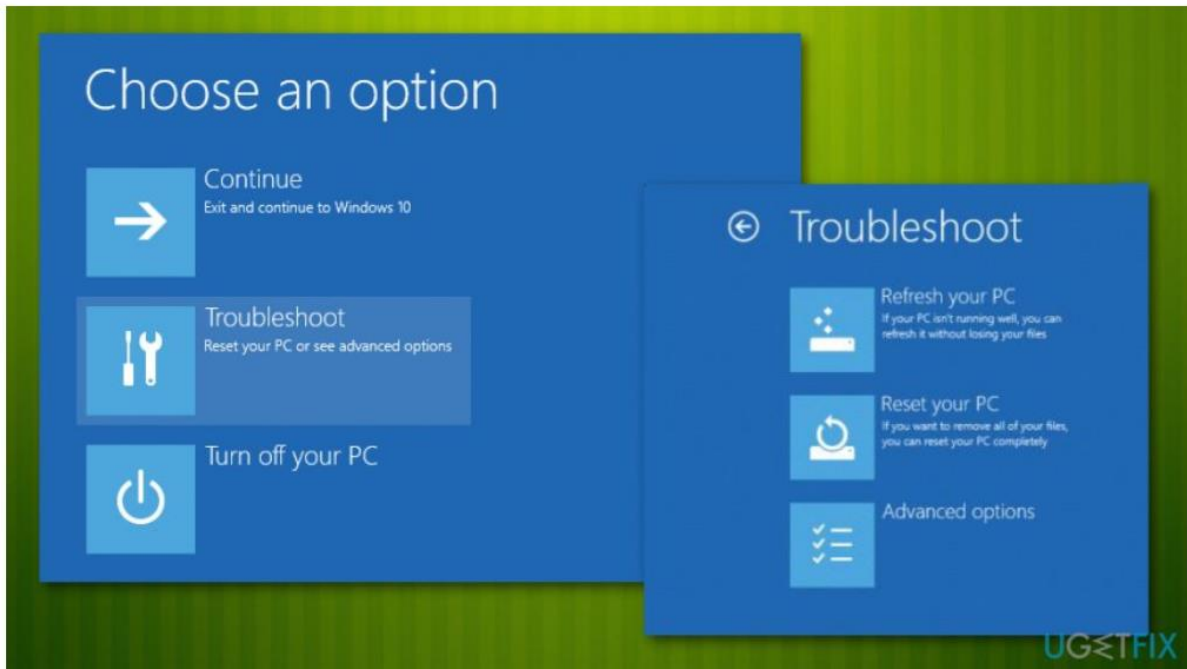

About how to fix "The digital signature for this file couldn't be verified" Error on Windows 10, you can refer the following method, you can also find other ways on the internet.
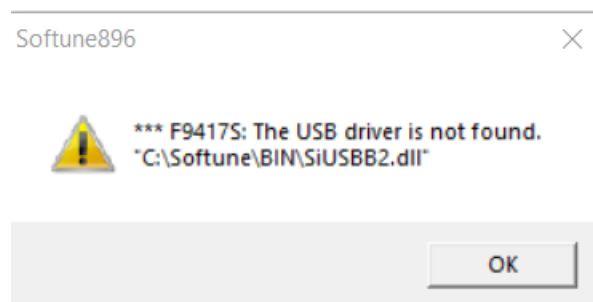
1. Click **Win key + S** and select **Update & Security.**
2. Select **Recovery** on the left pane.
3. At the bottom of the page, you should see **Advanced startup** with a **Restart now** button below.
4. Click **Restart now** button and wait for the system to reboot.
5. Once the PC reboots, select **Troubleshoot** option.

6. Select **Advanced options** and click **Startup Settings.**
7. Find the **Disable driver signature enforcement** option and click **F7** to enable it.

2, If Driver issues still exist when use softune after disabling digital signature, the following problem still will occur as below.

please ask IT for help to change the computer to Test Mode as below, the driver can be used normally. IT said that it is related to our system.

3, if install the IAR after installing the 8FX tool normally, please check the driver version. because it will change the driver of Softune due to the installation of IAR driver.

Connect the emulator hardware (BGMA) to check the driver version, If the driver version is changed, please uninstall the current driver, and then re-install softune usb driver v12.0.