

## USB virtual serial port driver installation

**Questions:**

WIN7 system virtual serial port driver installation

**Answer:**

To use our usb\_device demo “vcp\_loopback”, WIN7 system driver is required. The driver for virtual serial port host computer is available on Artery official website, with the file name being “VirtualCOM\_DriverInstall”. However, occasionally, GHOST WIN7 system may be trouble with the driver installation.

The following procedures present how to solve possible installation problem:

1. Check if the mdmcpq.PNF and mdmcpq.inf are both present, if so, place them under C:\Windows\inf
2. Check if the usbser.sys is present, if so, place it under C:\WINDOWS\SYSTEM32\DRIVERS. If such files are not there, copy them from other computer system.
3. But if the problem still exists after going through above mentioned steps, then comment out the code below in the mdmcpq.inf.

```
[FakeModemCopyFileSection]  
;usbser.sys
```

This is to avoid copy error caused by possible file corruption in FileRepository.

4. The selection of usbser.sys file depends on system configuration. Use 64-bit usbser.sys file for 64-bit system, 32-bit usbser.sys file for 32-bit system.

The 32-bit and 64-bit usbser.sys files for WIN7 are provided as attachment.

**Type:** MCU application

**Applicable products:** AT32 series with USB

**Main function:** None

**Minor function:** None

## Document revision history

Date	Revision	Changes
2022.2.16	2.0.0	Initial release

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