

# Table of Contents

<b>How to start WIZwiki-W7500P Board</b> .....	1
<i>To install the serial driver</i> .....	1
<i>Hardware self-test</i> .....	1
<i>Welcome to WIZwiki-W7500P</i> .....	3

# How to start WIZwiki-W7500P Board

When you get a WIZwiki-W7500P platform board first on your hand, the serial driver installation and hardware test are needed. Because WIZwiki-W7500 uses CMSIS-DAP firmware writing and does serial communicate through UART2 on W7500 (Target MCU).

---

## To install the serial driver

To install the serial driver from ARM mbed, please refer to the below link.

- [How to install WIZwiki-W7500P serial driver.](#)
- 

## Hardware self-test

WIZwiki-W7500 has a built-in default firmware. You can do self-test with the default firmware as below.

- [Download WIZwiki-W7500P Examples Binary](#)

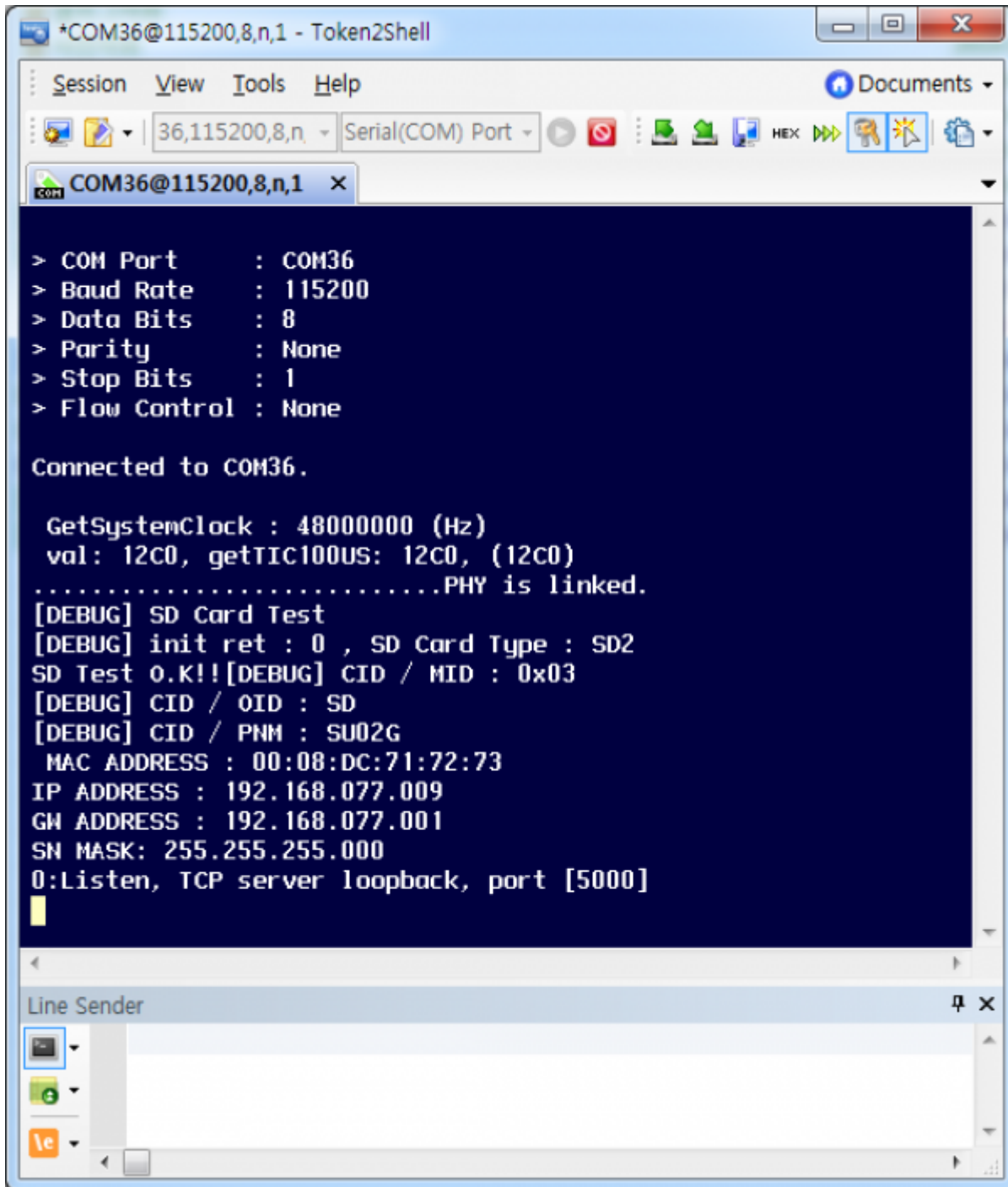
### Test Sequence

1. Connect Ethernet cable, USB cable to WIZwiki-W7500P. If you have a SD card, insert the SD card.
2. Run the Device Manager in Control panel and check which COM port is allocated to the USB port on WIZwiki-W7500P.
3. Press Reset SW, then LED 'D4' on WIZwiki-W7500P will be turned on. If D4 is turned off, then press the Reset SW again.

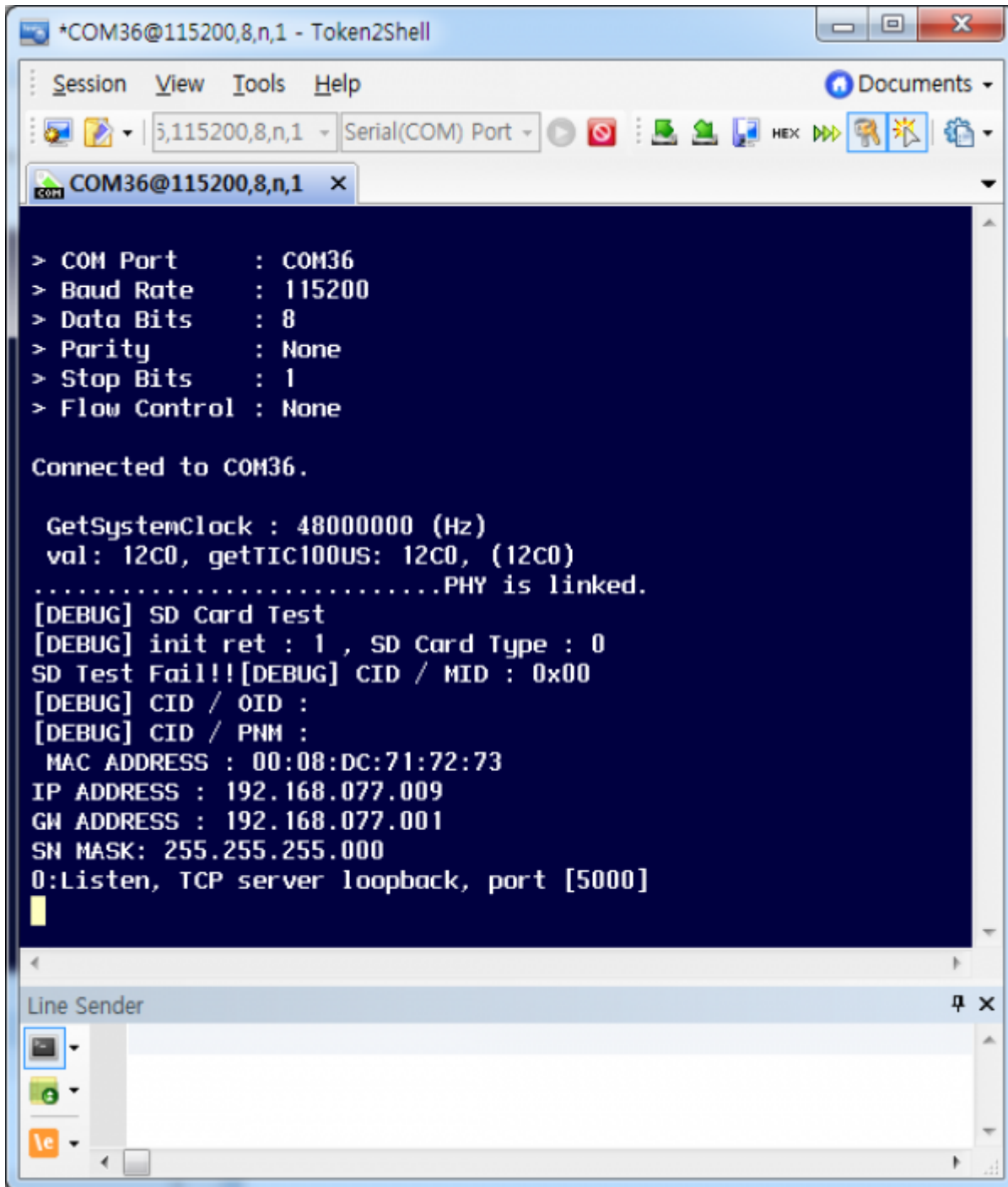
```
<Serial setting>
Baud rate : 115200
Data bits : 8
Parity : None
Stop bits : 1
Flow : None
```

- 4.

```
If you have a SD card,
the state of D4 will turn like this: White => White Blink => Yellow
The following message prints out to the serial port.
```



If you do not have a SD card,  
D4 of the state will turn like this: White => White Blink => Red  
The following message prints out to the serial port.



5. Run a command window and proceed with the ping test to WIZwiki-W7500P.
6. WIZwiki-W7500P operates as loopback server.
7. Make proceed with the ping test or loopback test with an IP of 192.168.077.009 on WIZwiki-W7500P.

Necessarily, IP of the PC must also be set to 192.168.077.XXX.

8. If you can do everything well, then your WIZwiki-W7500P doesn't have any problem.

- [Hardware test binary download](#)

## Welcome to WIZwiki-W7500P

From:  
<https://wizwiki.net/wiki/> -

# Document Wiki

Permanent link:  
[https://wizwiki.net/wiki/doku.php/products:wizwiki\\_w7500p:getting\\_started:check\\_wizwiki-w7500p](https://wizwiki.net/wiki/doku.php/products:wizwiki_w7500p:getting_started:check_wizwiki-w7500p)

Last update: 2015/09/18 14:56

