

(Cortex-M3, STM32F207)
Mango-M32F2, Ethernet lwIP
HTTP Server OK

<http://www.mangoboard.com/>

<http://cafe.naver.com/embeddedcrazyboys>

Crazy Embedded Laboratory



Document History

Revision	Date	Change note

1. Release Note 2012 03 14	5
1.1. Base 코드	오류! 책갈피가 정의되어 있지 않습니다.
1.2. 수정사항	오류! 책갈피가 정의되어 있지 않습니다.

1. (Cortex-M3, STM32F207) Mango-M32F2, Ethernet lwIP HTTP Server OK

(Cortex-M3, STM32F207) Mango-M32F2, Ethernet lwIP HTTP Server OK | [망고M32F2 메뉴얼](#)

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| [삭제](#)



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첨부파일(1)

HTTP Server 예제를 올렸습니다.
여러가지 바꾸어주어야 할 부분이 많네요.
하여간 성공해서 동작 시켰습니다.

```
HTTP Server Test start ...
ETH_GPIO_Config done ...
.ETH_MACDMA_Config done ...
ETH_BSP_Config done ...
LwIP_Init done ...
httpd_init done ...
Looking for DHCP server. please wait...
ETH_CheckFrameReceived ...
ETH_CheckFrameReceived ...
ETH_CheckFrameReceived ...
IP address assigned by a DHCP server 192.168.1.6
```

수행이 되면 DHCP 로 IP 를 받아왔습니다.

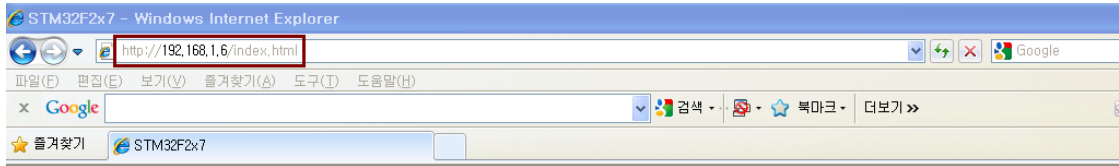
```
C:\WINDOWS>ping 192.168.1.6

Pinging 192.168.1.6 with 32 bytes of data:

Reply from 192.168.1.6: bytes=32 time=5ms TTL=255
Reply from 192.168.1.6: bytes=32 time=2ms TTL=255
Reply from 192.168.1.6: bytes=32 time=2ms TTL=255
Reply from 192.168.1.6: bytes=32 time=2ms TTL=255

Ping statistics for 192.168.1.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 5ms, Average = 2ms
```

ping 도 위와 같이 잘 동작합니다.



STMicroelectronics



STM32F2x7 Webserver Demo Based on the lwIP TCP/IP stack

[Home page](#)

[Led control](#)

[ADC status bar](#)

STM32 F-2 Series

A new generation on STM32 with significant improvement in

features / performance:

- More Memory
- Advanced features
- Maintain close pin-out compatibility
- Maintain close software compatibility

Complement the existing family with more performance, memory and features

[The STM32F2x7 home page](#)



<http://192.168.1.6/index.html>

DHCP 로 받아온 IP 를 HTTP 로 접속하면 위 화면을 볼 수 있습니다.
HTTP Server 가 작동되는 모습이 참 신기하네요.

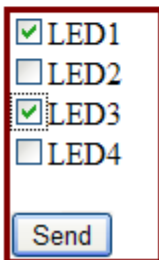
STM32F2x7 Leds control

[Home page](#)

[Led control](#)

This page allows you to control the four LEDs: LED1, LED2, LED3 and LED4 located in the board. For each LED you have to check/uncheck its corresponding checkbox. Then you have to click on the configuration button. Finally check in the STM322xG-EVAL board that you get the desired LEDs.

STM32 Webserver LEDs Control



LED1
 LED2
 LED3
 LED4

Send

Led control 을 누르면 위 화면을 볼 수 있습니다.
LED1, LED3 만 선택해서 Send 를 누르면 이 정보를 받아서 보드에도 LED1, LED3 가 켜지는 것을 확인할 수 있습니다.

