CRZ S3C6410
Mango_R6410_Manual

Document History

Revision	Date	Change note
1.0	2011.05.23	Initital 전종인
1.1	2011.06.07	문서분류 TECH추가

목차

1. S3C6410 Mango-R6410 Transfer image to target

1.1. NOR Download

1.1.1.   NOR Falsh image Download and Reference

참고 및 다운로드: http://cafe.naver.com/embeddedcrazyboys/5244

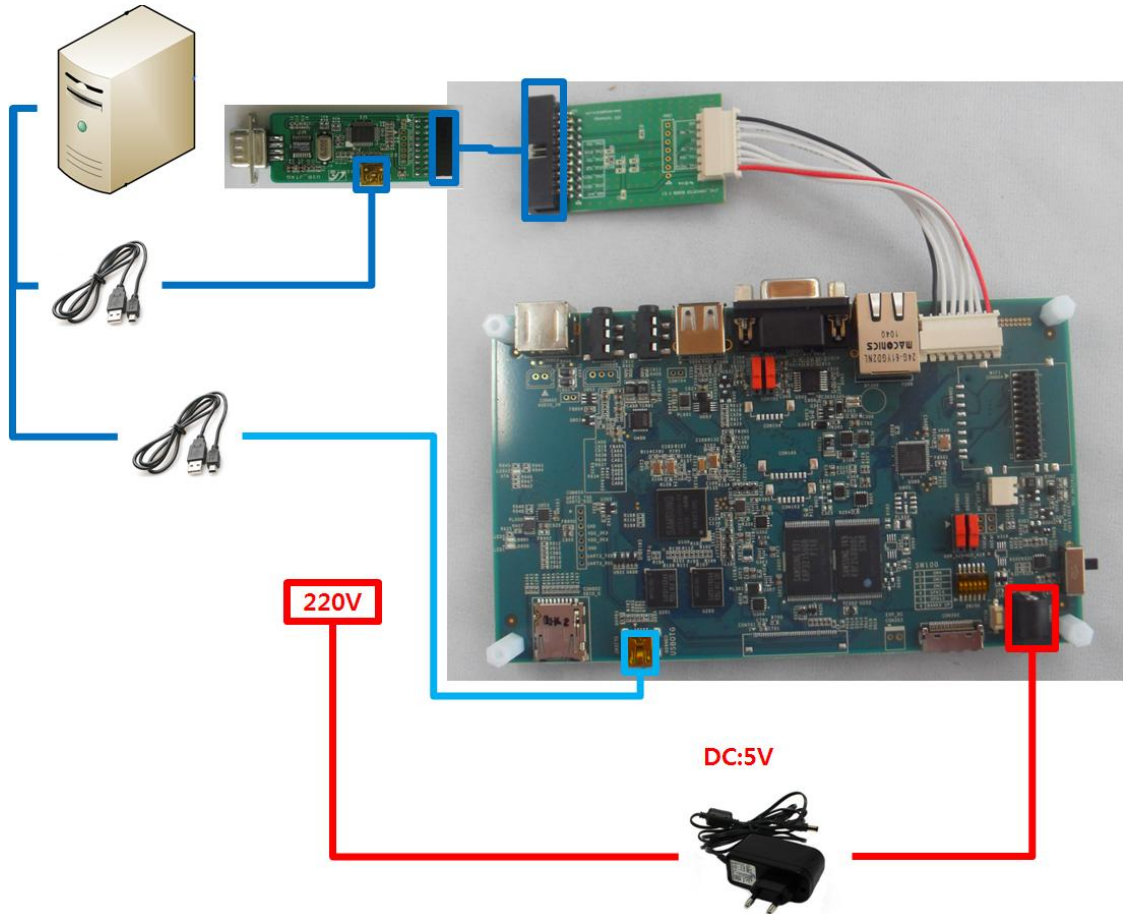참고 :   http://cafe.naver.com/embeddedcrazyboys/5234

mango64-nor.tcl 다운로드 :

mango64-openocd-cygwin-v01-002-image.zip

1.1.2.   NOR Flash Write

USB OTG 및 FT2232 USB JTAG 연결 NOR Boot Mode 설정 후 DC 전원인가
Openocd .exe 파일이 있는 위치에서 Dos Command 창 실행
openocd.exe -f mango64nor.cfg 입력

다른 Dos Command 창 실행 후

telnet localhost 4444 입력

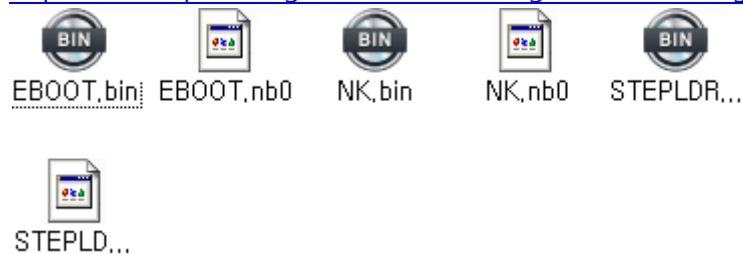

script mango64-nor.tcl입력

1.2. WinCE

1.2.1. WinCE Image Download

7inch binary

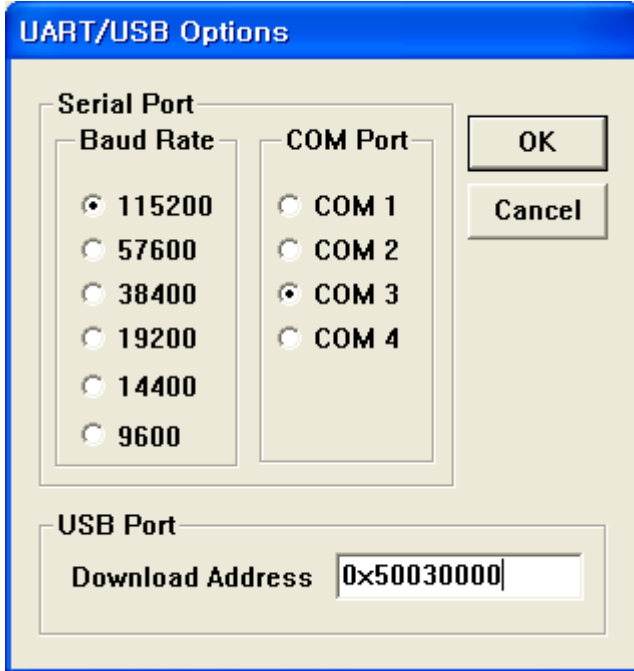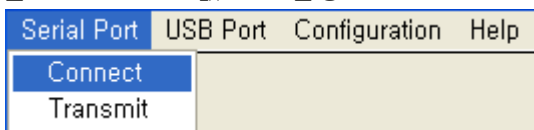http://crztech.iptime.org:8080/Release/mango64/wince/mango64-7inch-binary.zip
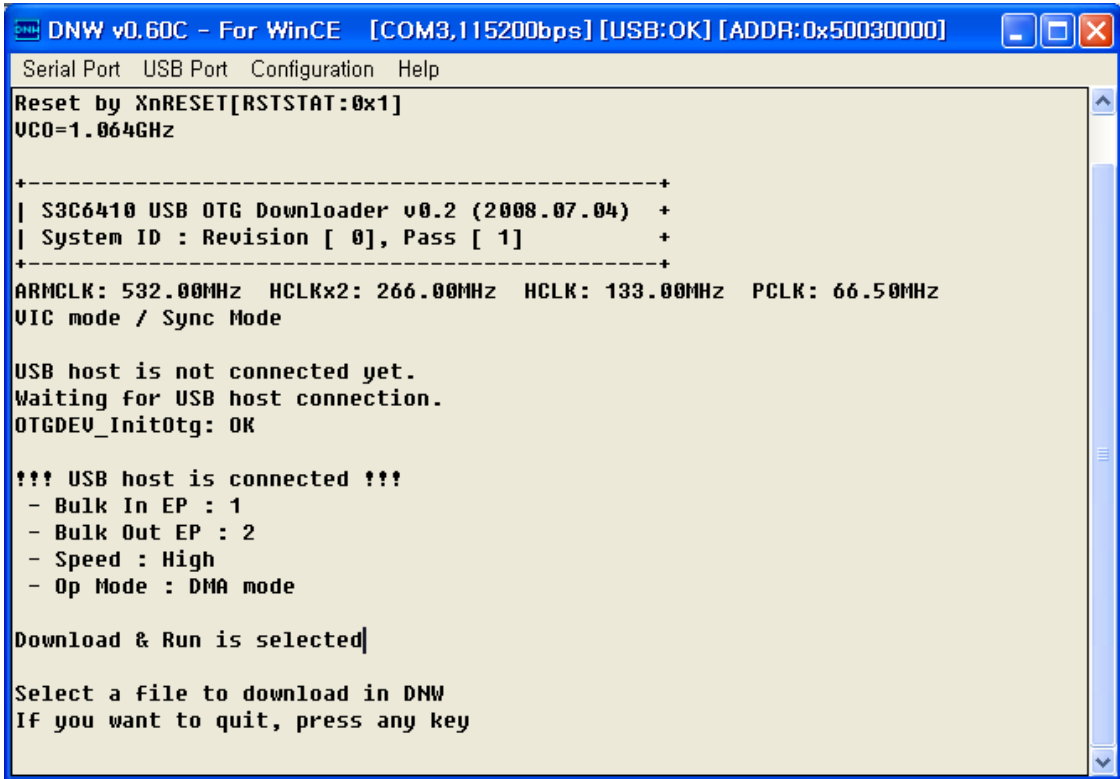
1.2.2. WinCE Image Write
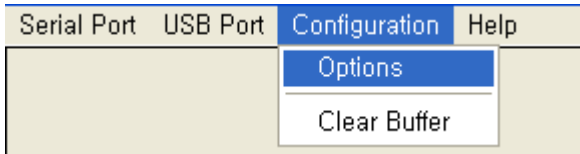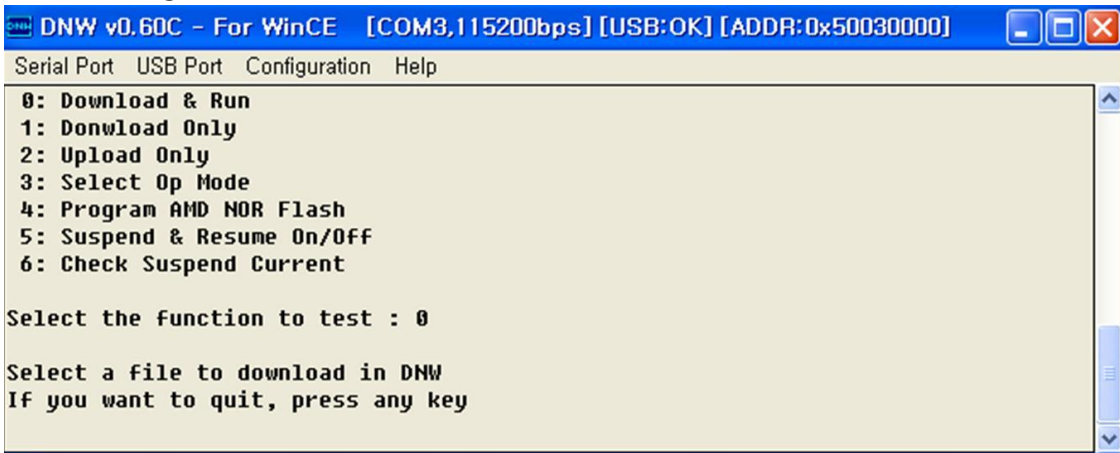

DNW 실행 후 menu에 Configuuration에 Options에 들어갑니다.

위와같이 UART/USB Options창이 뜨면 UART PORT값을 설정을 하고 Download Address값을 0x 50030000값으로 설정
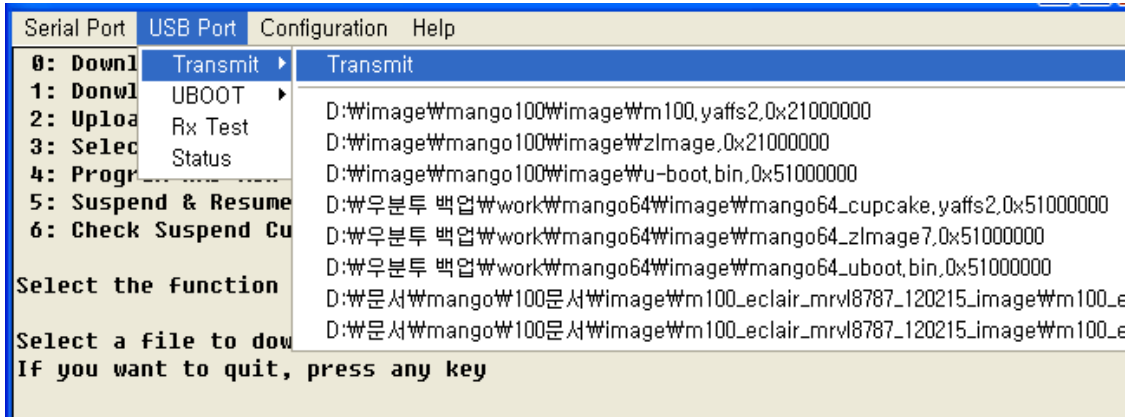

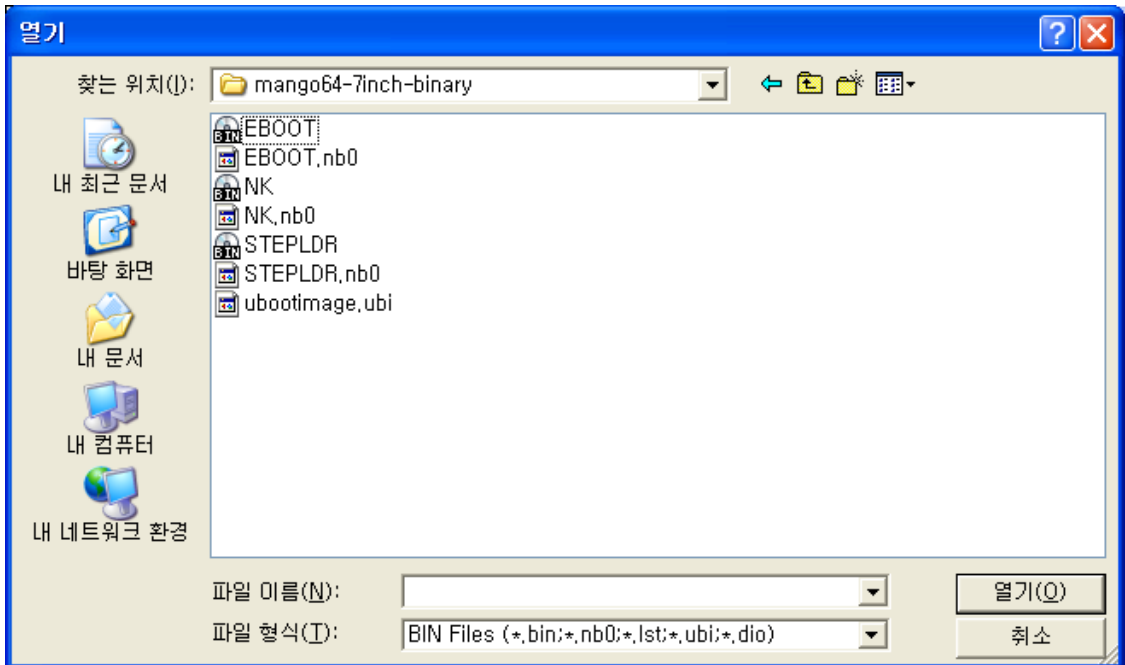그후 Meun에 Serial Port> Connect를 클릭해줍니다. 그후에 보드를 NOR모드로 한후 파워인가

```
DNW v0.60C - For WinCE   [COM3,115200bps] [USB:OK] [ADDR:0x50030000]

 Serial Port  USB Port  Configuration  Help

Reset by XnRESET[RSTSTAT:0x1]
VCO=1.064GHz


+--------------------------------------------+
| S3C6410 USB OTG Downloader v0.2 (2008.07.04)  +
| System ID : Revision [ 0], Pass [ 1]          +
+--------------------------------------------+
ARMCLK: 532.00MHz  HCLKx2: 266.00MHz  HCLK: 133.00MHz  PCLK: 66.50MHz
VIC mode / Sync Mode

USB host is not connected yet.
Waiting for USB host connection.
OTGDEV_InitOtg: OK

!!! USB host is connected !!!
 - Bulk In EP : 1
 - Bulk Out EP : 2
 - Speed : High
 - Op Mode : DMA mode

Download & Run is selected

Select a file to download in DNW
If you want to quit, press any key
```

위와 같이 Log 창이 뜨면 아무 키나 눌러줍니다.


```
DNW v0.60C - For WinCE   [COM3,115200bps] [USB:OK] [ADDR:0x50030000]

 Serial Port  USB Port  Configuration  Help

 0: Download & Run
 1: Donwload Only
 2: Upload Only
 3: Select Op Mode
 4: Program AMD NOR Flash
 5: Suspend & Resume On/Off
 6: Check Suspend Current

Select the function to test : 0

Select a file to download in DNW
If you want to quit, press any key
```

"0"을 선택후 엔터를 쳐주면 됩니다.

그후 Meun 창에서 USB Port > Transmit > Transmit를 선택합니다.

mango64-7inch-binary.zip 압축을 풀어 설치한 곳으로 가서 EBOOT.nb0를 선택하여
열어줍니다.