CRZ S3C6410 Mango_R6410_Manual

http://www.mangoboard.com/ http://cafe.naver.com/embeddedcrazyboys Crazy Embedded Laboratory

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 target4	ļ
	1.1.	WinCE	5
	1.1.1.	WinCE Image Download	5
	1.1.2.	WinCE Image Write	7

3

1. S3C6410 Mango-R6410 Transfer image to target

1.1. NOR Download

NOR Falsh image Download and Reference 1.1.1.

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







openocd



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







EBOOT, bin; EBOOT, nb0



NK, nb0





1.2.2. WinCE Image Write

	age write		
Serial Port USB Po	rt Configuration	Help	
	Options		
	Clear Buffer	,	
NW 실행 후 menu	에 Configuuratio	on에 Options에 들	들어갑니
UART/USB Optio	ns		
Social Doct			
Baud Rate	COM Port	ОК	
115200	С СОМ 1	Cancel	
○ 57600	© COM 2		
C 38400	COM 3		
C 19200	© COM 4		
C 14400			
C 9600			
USB Port			
Download Add	Iress 0×50030	000	
,			

위와같이 UART/USB Options창이 뜨면 UART PORT값을 설정을 하고 Download Address값

을 0x 50030000값으로 설정

Serial Port	US	B Port	Configuration	Help
Connect				
Transmit				

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

7

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.

Serial Port USB Port Co	nfiguration Help	
0: Down1 Transmit 🕨	Transmit	
1: Donwl UBOOT → 2: Uploa _{Rx} Test 3: Selec Status 4: Progr	D:\#image\#mango100\#image\#m100,yaffs2,0x21000000 D:\#image\#mango100\#image\#zImage,0x21000000 D:\#image\#mango100\#image\#u-boot,bin,0x51000000	
5: Suspend & Resume 6: Check Suspend Cu	D:₩우분투 백업₩work₩mango64₩image₩mango64_cupcake,yaffs2,0x51000000 D:₩우분투 백업₩work₩mango64₩image₩mango64_zImage7,0x51000000	
Select the function	D:₩우분투 백업₩work₩mango64₩image₩mango64_uboot,bin,0x51000000 D:₩문서₩mango₩100문서₩image₩m100_eclair_mrvl8787_120215_image₩m100_e D:₩문서₩mango₩100문서₩image₩m100_eclair_mrvl8787_120215_image₩m100_e	
If you want to quit, press any key		
그후 Meun 창에서 USB Port > Transmit > Transmit를 선택합니다.		
열기		



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