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# **Windows CE 6.0**

## **Guide For MVC100**

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**MicroVision Co., Ltd.**

## Document Information

Version	1.0
File Name	MVC100_WindowsCE_Guide.doc
Date	2009. 11. 12
Satus	Working

## Revision History

Date	Version	Update Descriptions	Editor
2009. 11. 12.	V1.0	First Edition	speedwee

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## 1. Installing Windows CE 6.0

Your host PC System Requirements

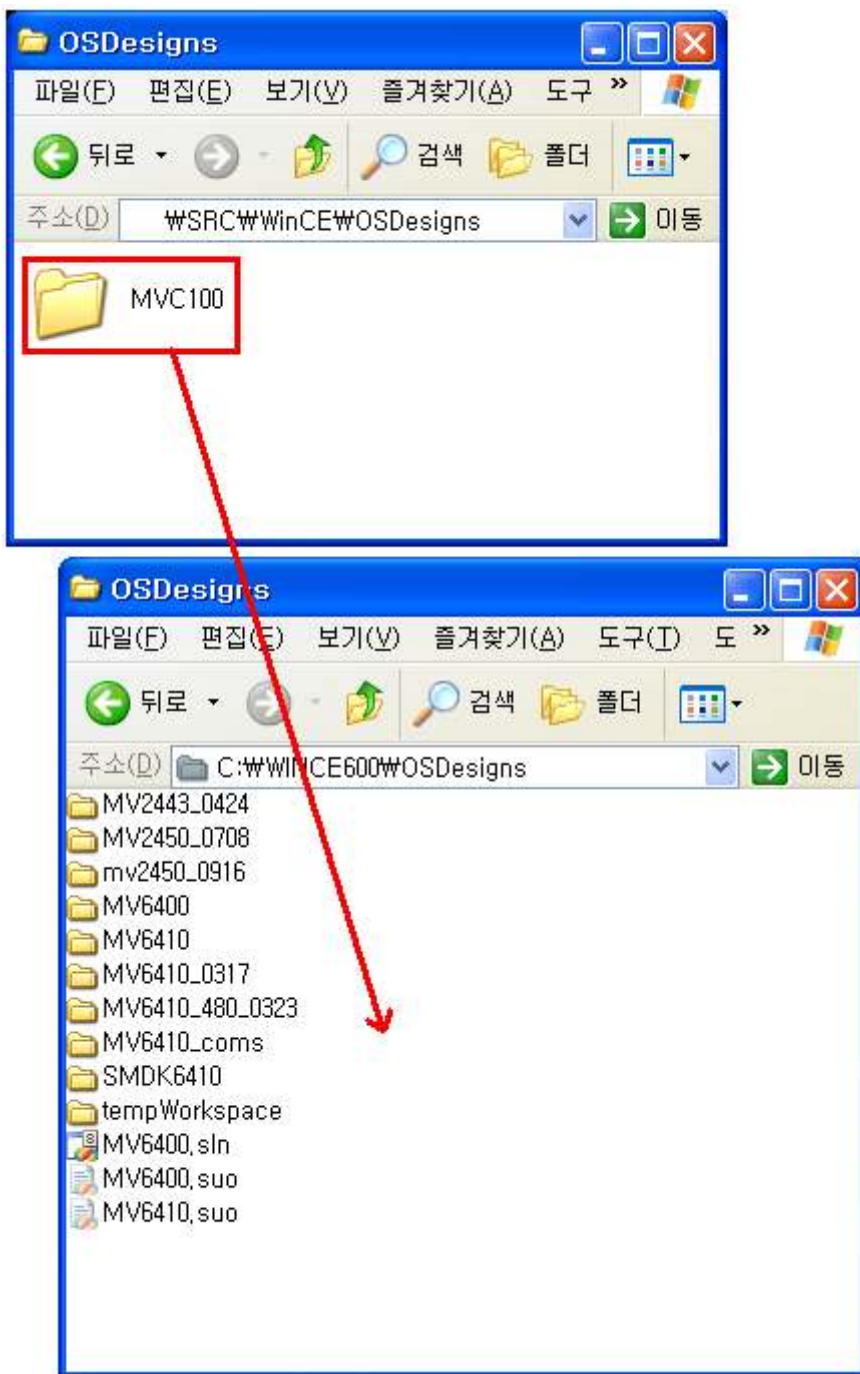
- PC with 933MHz or faster processor, 2GHz recommended
- Windows 2000 Professional Service Pack4, Windows XP Professional Service Pack2
- 512MB of RAM, 1GB recommended
- 118GB of available space required on installation derive
- DVD-ROM

I would like to recommend Windows full Update through the web site of Microsoft before installing Windows CE 6.0

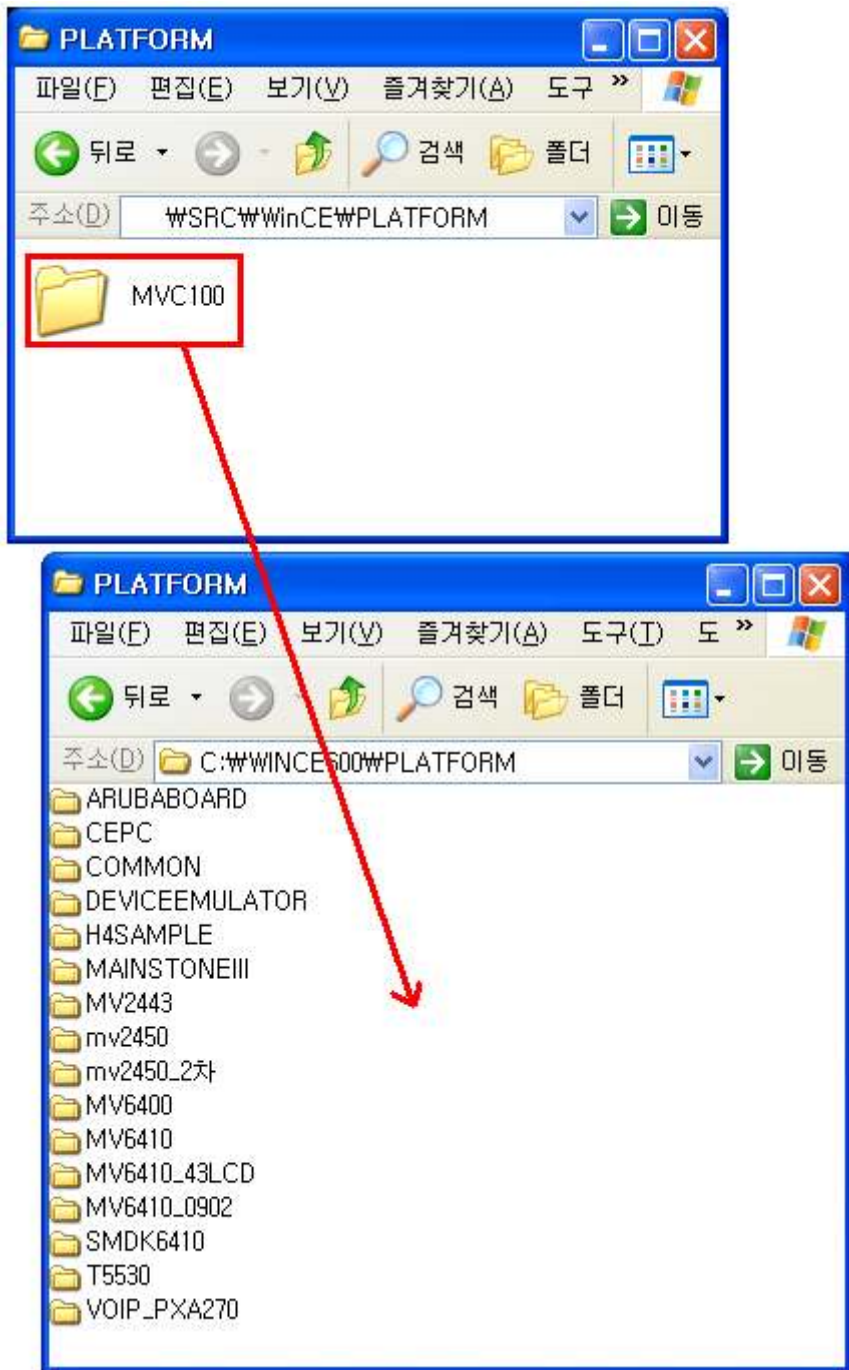
- ▶ **Step1** Installing Visual Studio 2005 installing
- ▶ **Step2** Updating Visual Studio 2005 Service Pack 1 installing
- ▶ **Step3** Installing Windows CE 6.0 installing
- ▶ **Step4** Updating .NET Compact framework 2.0 Service Pack 1 installing
- ▶ **Step5** Updating Windows CE 6.0 Service Pack 1 installing
- ▶ **Step6** Updating Windows CE qfe 2006 installing  
WinCEPB60-061231-Product-Update-Rollup-Armv4I.msi
- ▶ **Step7** Installing Virtual Machine Network Driver installing
- ▶ **Step8** Updating Windows CE 6.0 R2 installing
- ▶ **Step9** Updating Windows CE qfe 2007, 2008 installing  
WinCEPB60-070824-KB940982-COMMON.msi  
WinCEPB60-071031-KBHELPDOCS-COMMON\_ENU.msi  
WinCEPB60-071231-Product-Update-Rollup-Armv4I.msi  
WinCEPB60-080131-2008M01-Armv4I.msi  
WinCEPB60-080229-2008M02-Armv4I.msi  
WinCEPB60-080331-2008M03-Armv4I.msi  
WinCEPB60-080430-2008M04-Armv4I.msi  
WinCEPB60-080531-2008M05-Armv4I.msi  
WinCEPB60-080630-2008M06-Armv4I.msi  
WinCEPB60-080731-2008M07-Armv4I.msi  
WinCEPB60-081231-Product-Update-Rollup-Armv4I.msi  
WinCEPB60-090131-2009M01-Armv4I.msi  
WinCEPB60-090228-2009M02-Armv4I.msi  
WinCEPB60-090331-2009M03-Armv4I.msi  
WinCEPB60-090430-2009M04-Armv4I.msi

## 2. To setup Environment Windows CE 6.0

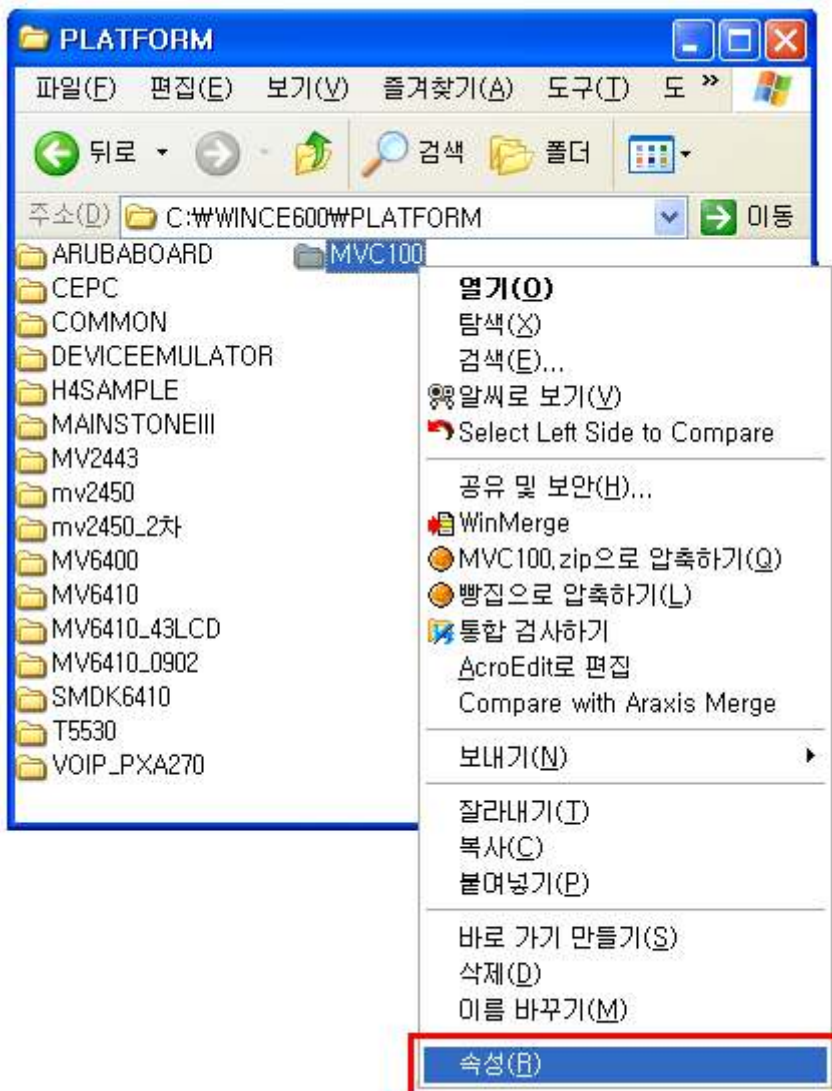
Please make new folder "WOSDesignsWMVC100" directory and then, Copy all of files MVC100.pbxml BSP in WSRCEWinCEWOSDesignsWMVC100 directory to C:WINCE600WOSDesigns WMVC100 directory on your host PC



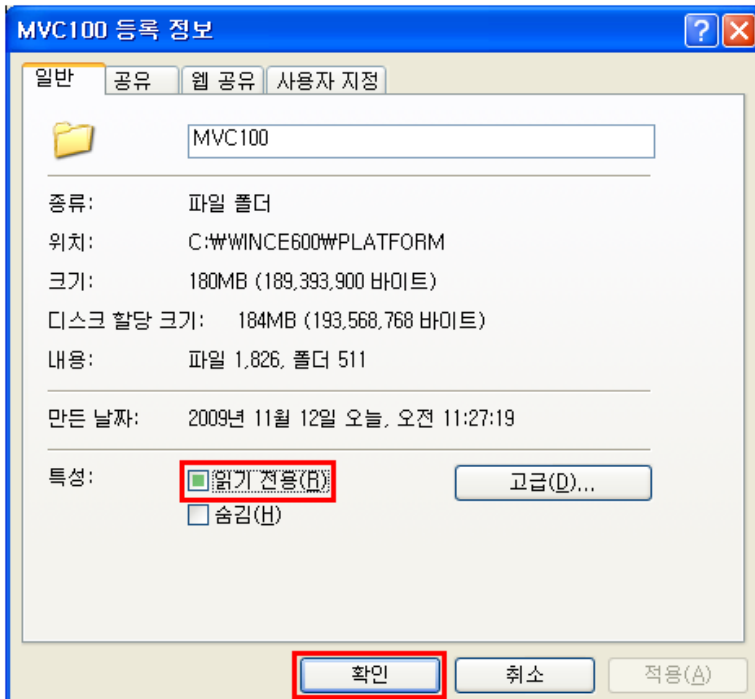
And copy MVC100 BSP in WSRWWinCEWPLATFORM directory to C:WWINCE600 WPLATFORM directory on your host PC.



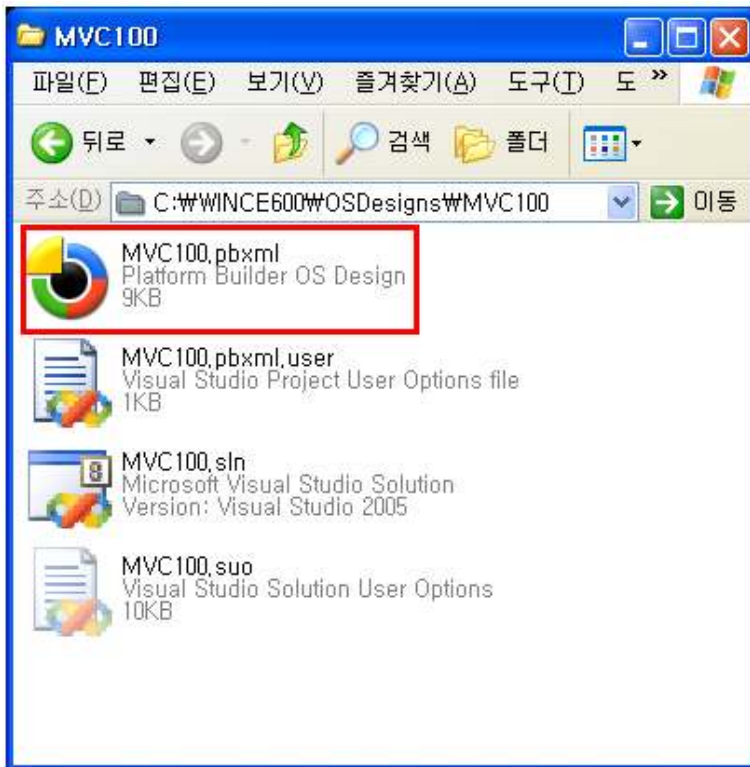
Click the "Properties" in C:\WINCE600\PLATFORM



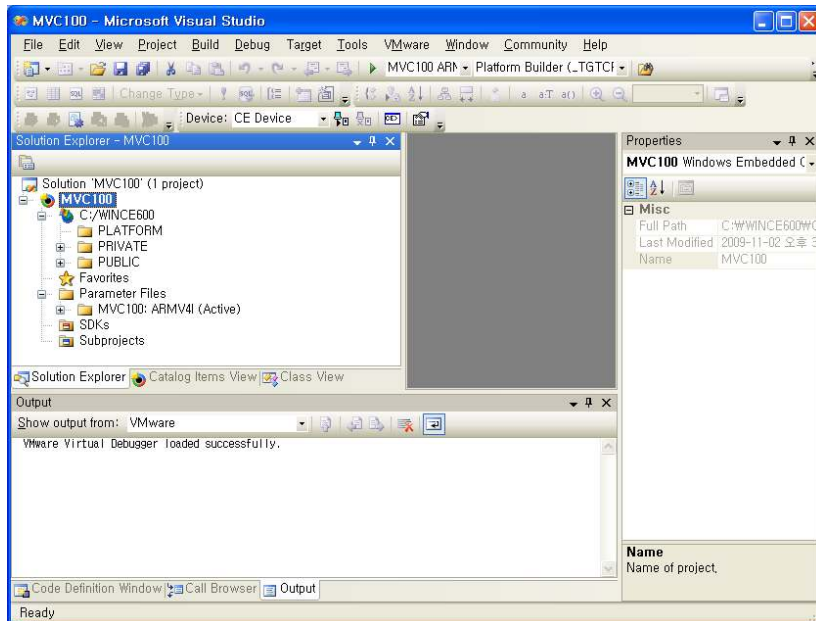
Please remove "Read-only" and then click "OK"



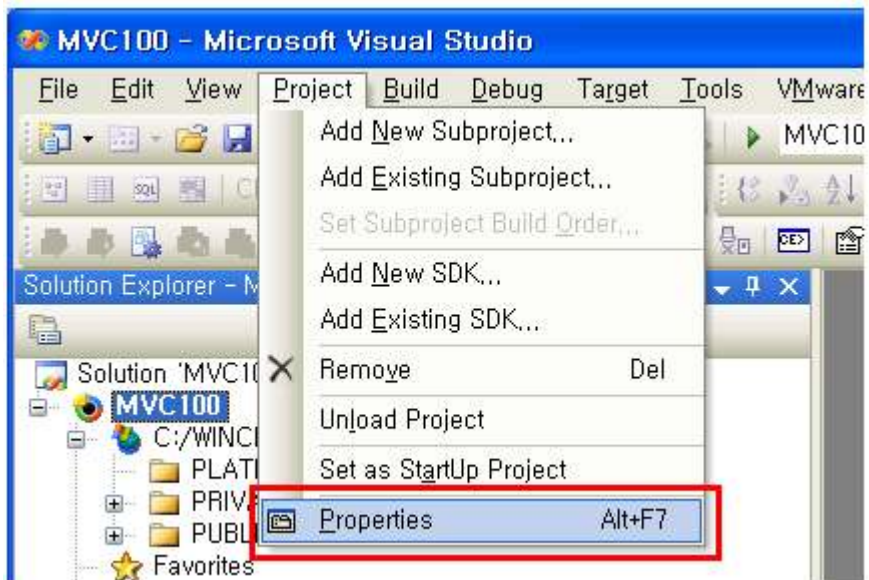
Execute MVC100.pbxml in C:\WINCE600\OSDesigns\MVC100.



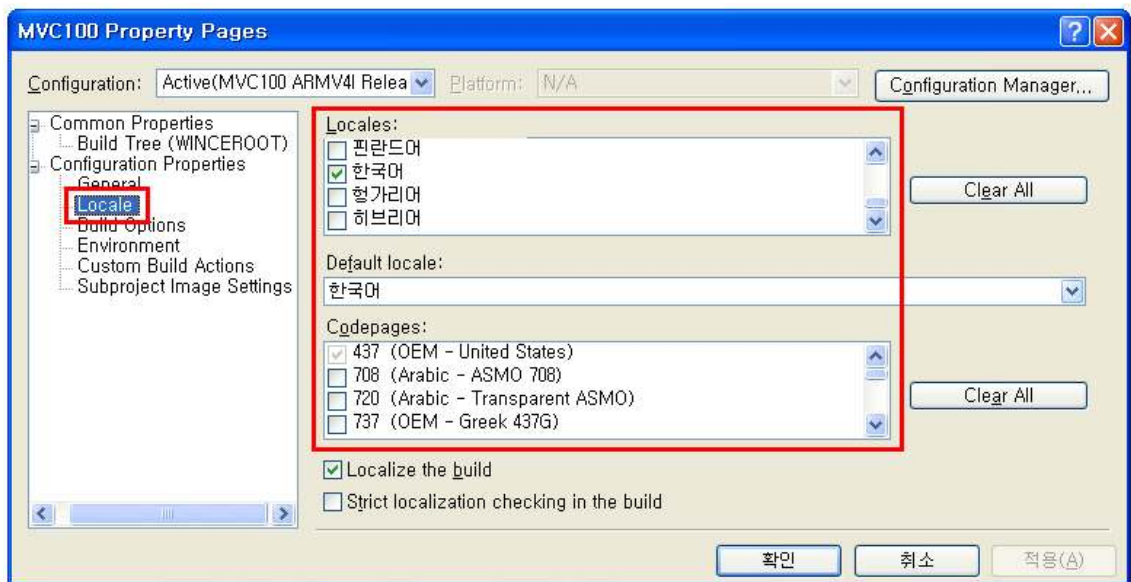
This is Windows CE 6.0 included MVC100 BSP



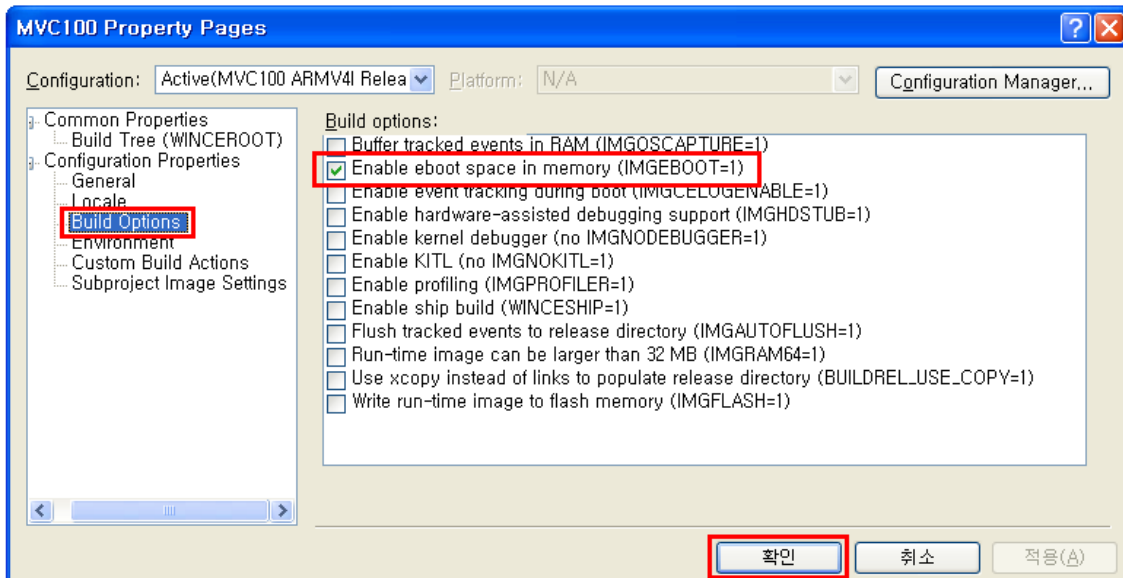
Click, Project -> Properties



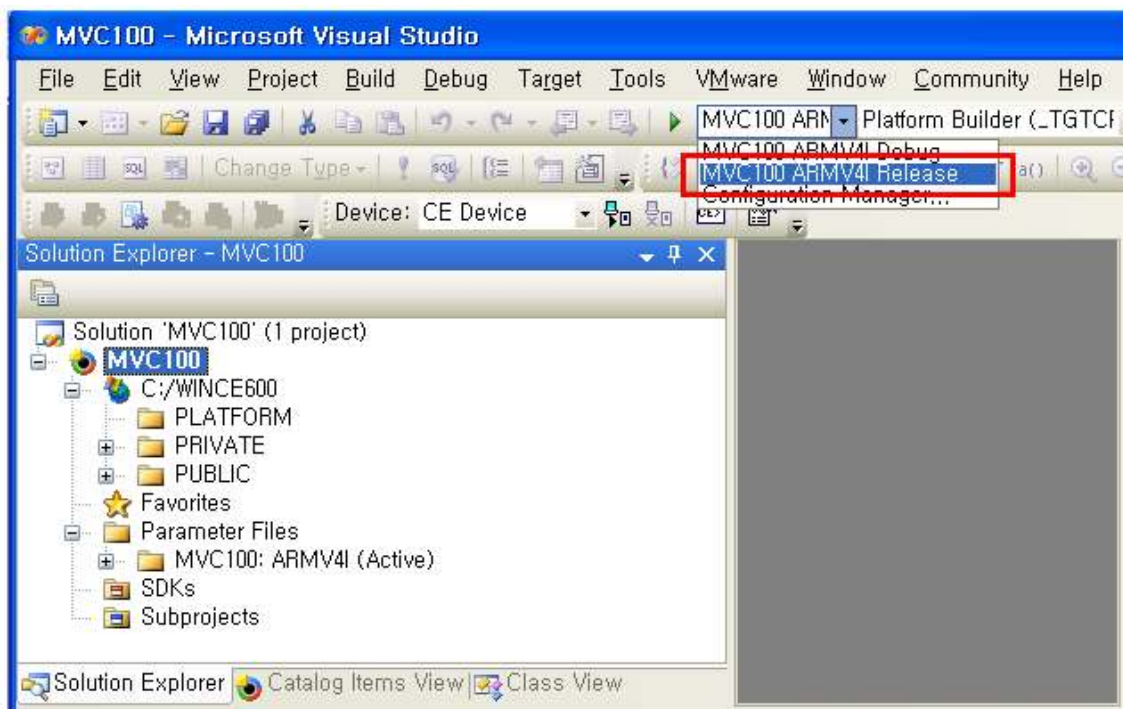
The OS Design Properties Pages window appears on your screen. Select Locale tab and click Clear All button. It clears all the language settings in your platform. Now select English (United States or your language)



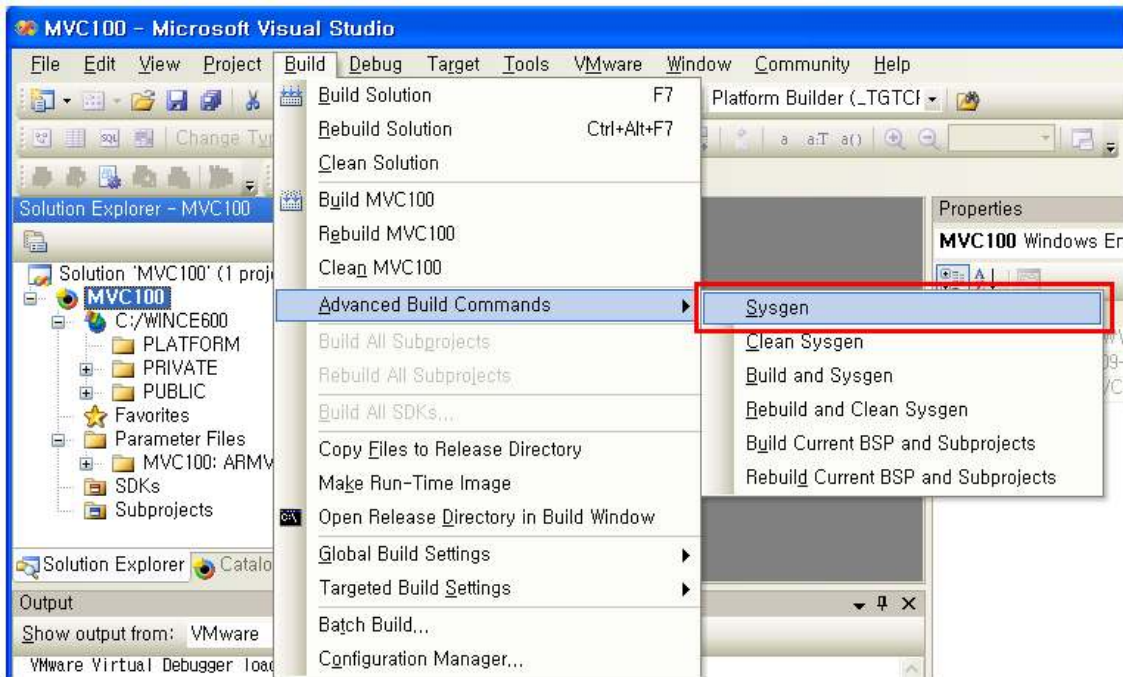
Now please uncheck the square boxes Enable KITL (no IMGNOKITL=1) in the Build Options Properties in OS Design Properties Pages window and then click OK button.



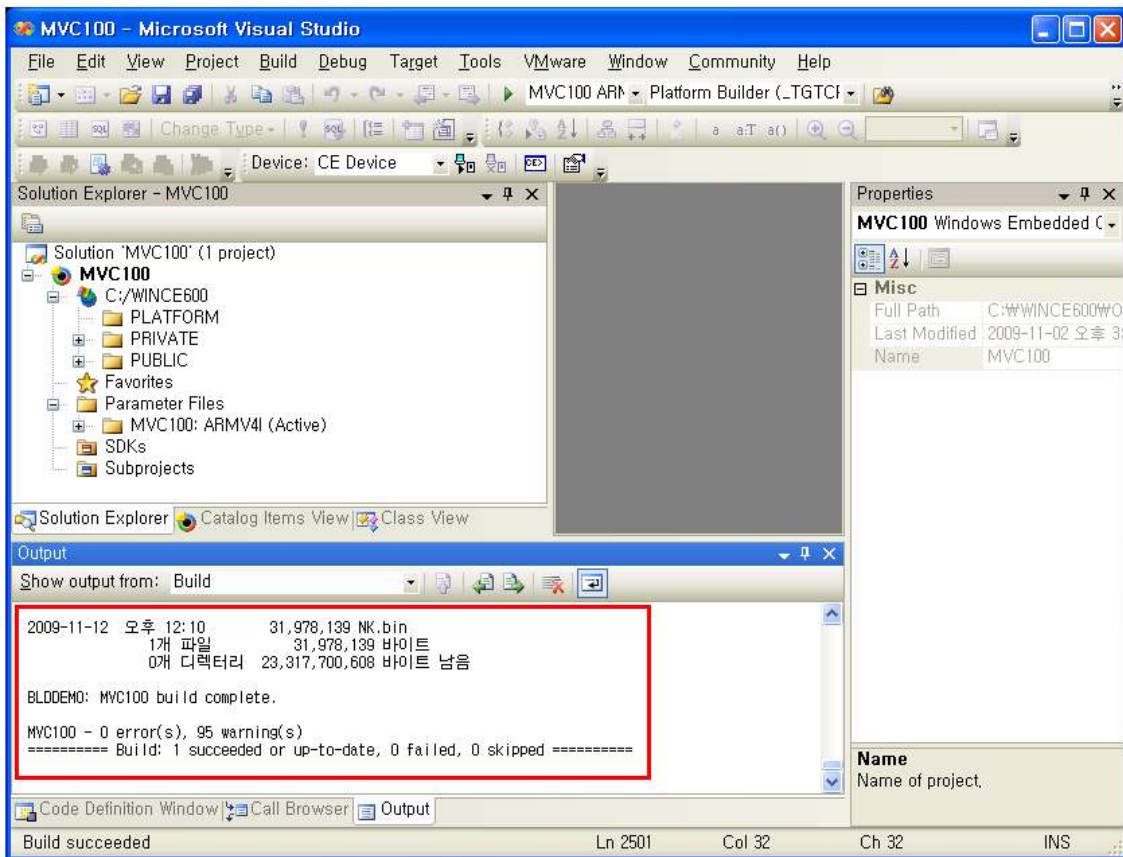
Please make sure "MVC100 ARMV4I Release"



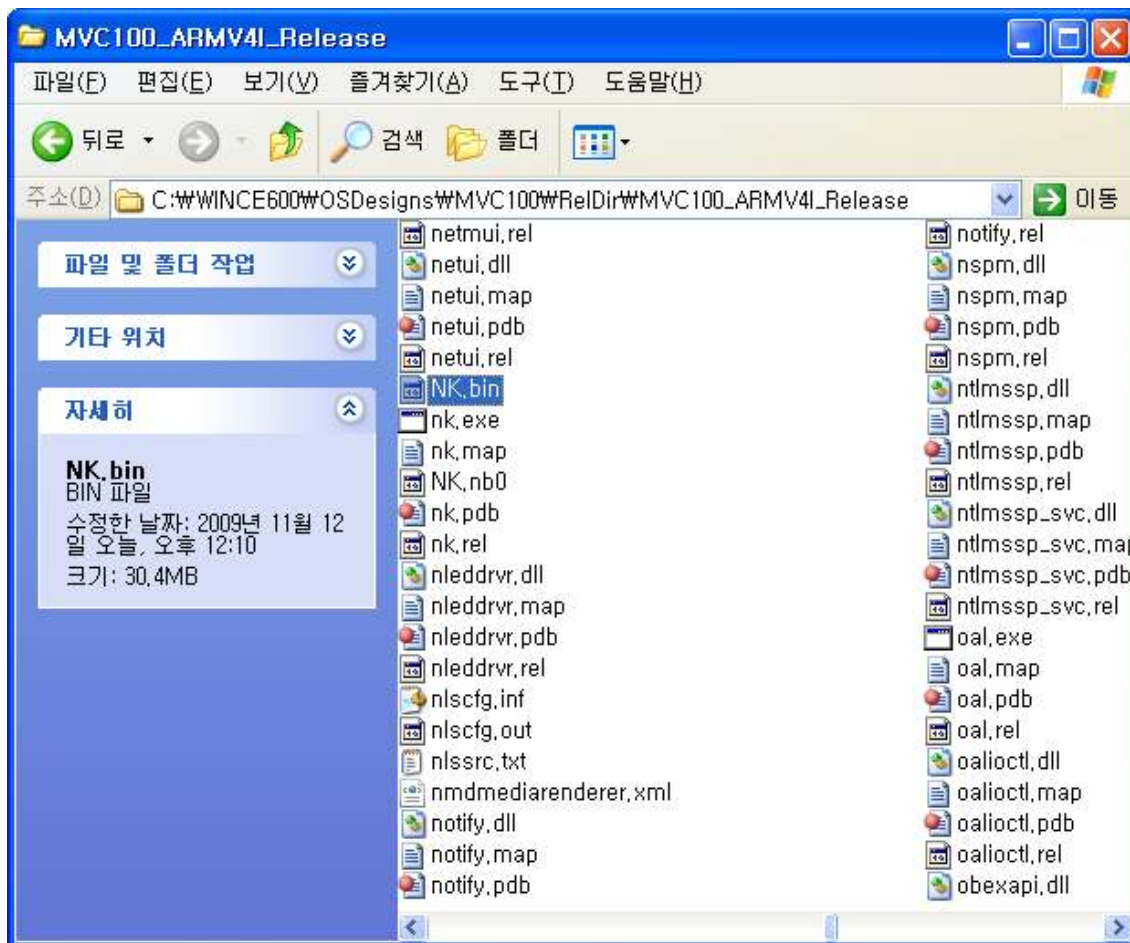
Click Build -> Advanced Build Commands -> Sysgen



Sysgen successful



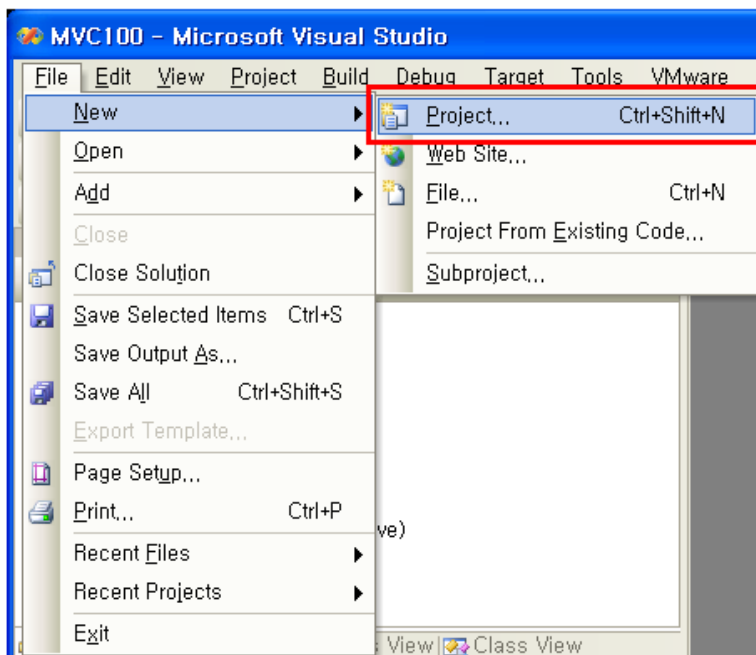
After sysgen, you can see Eboot, STEPLDR, NK In C:\WINCE600\OSDesigns\MVC100\RelDir\MVC100\_ARMV4I\_Release



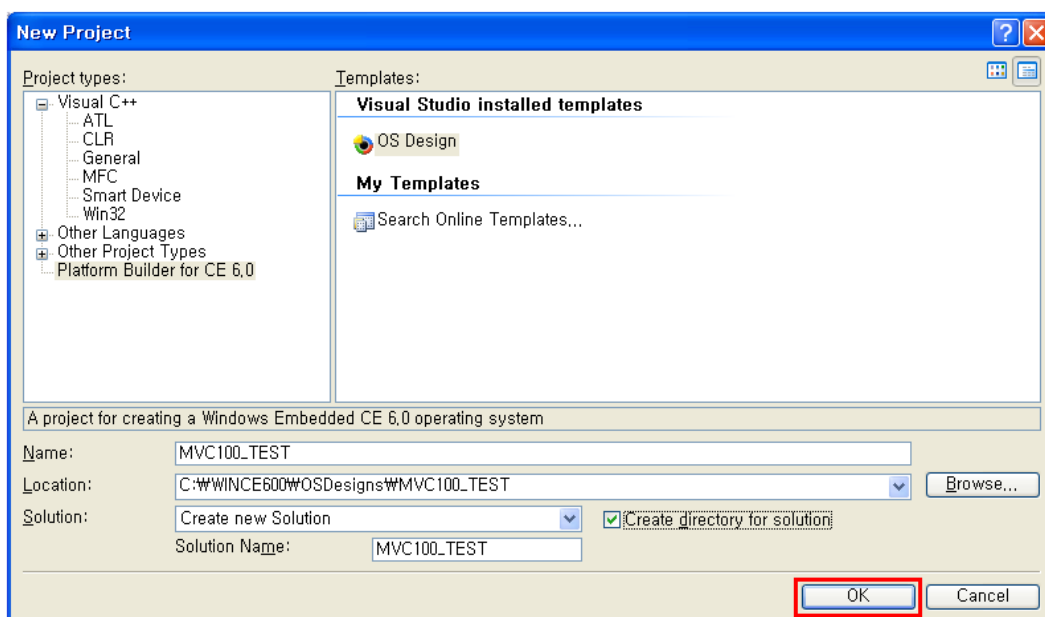
### 3. The way to make New Project

If you want to start over through New Platform, nothing copy "MVC100.pbxml"  
Please the following window appears on your screen.

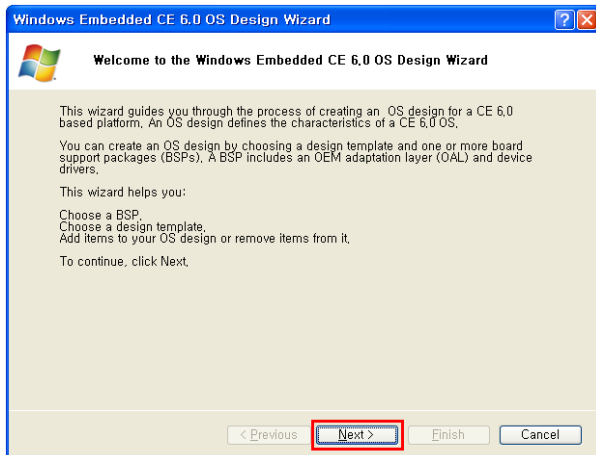
On the File menu in the Visual Studio 2005 window, click New -> Project



The following window appears on your screen. Click "OK" to continue

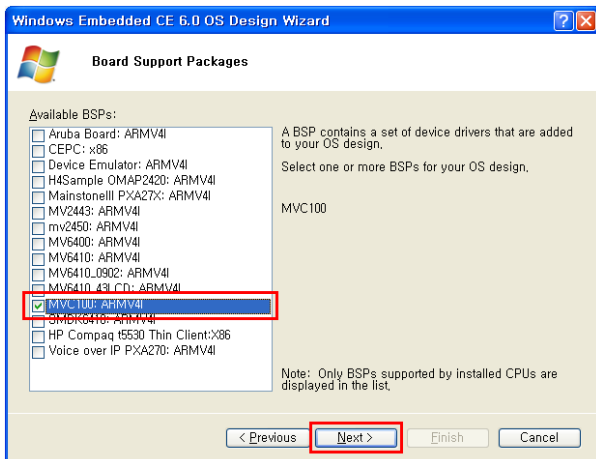


Click "NEXT"

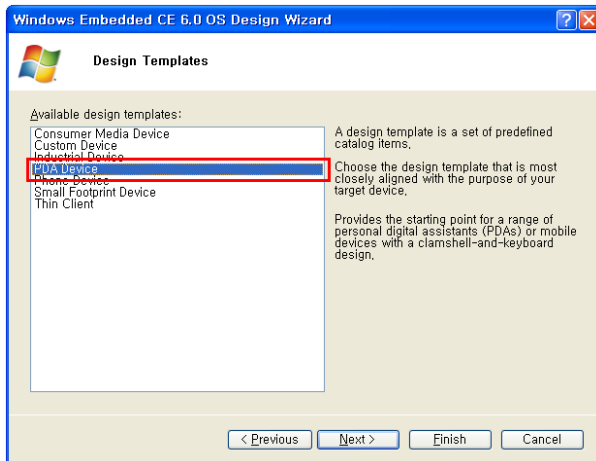


The Board Support Packages (BSPs) window appears on your screen.

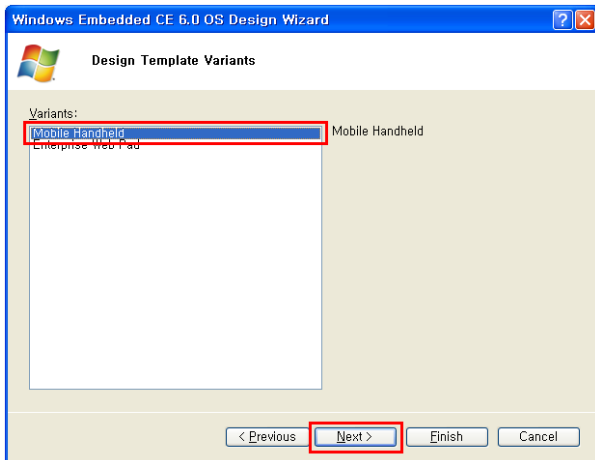
Select MVC100: ARMV4I and then click "Next"



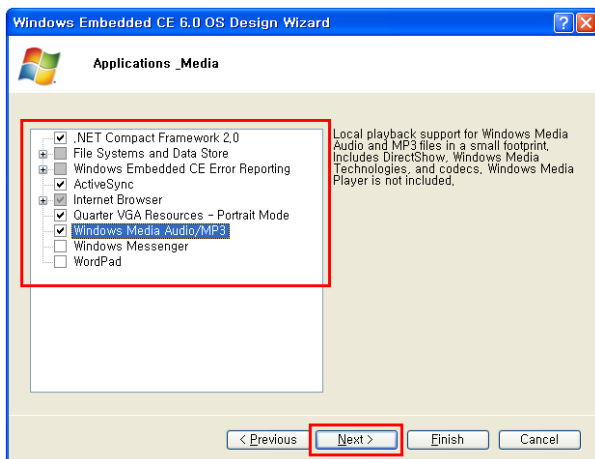
Select PDA Device from Available design templates list and then click "Next"



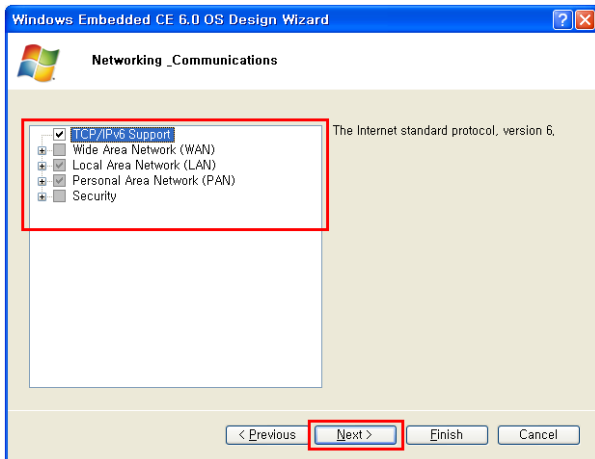
Select Mobile Handheld from Available design Variants list and then click "Next"



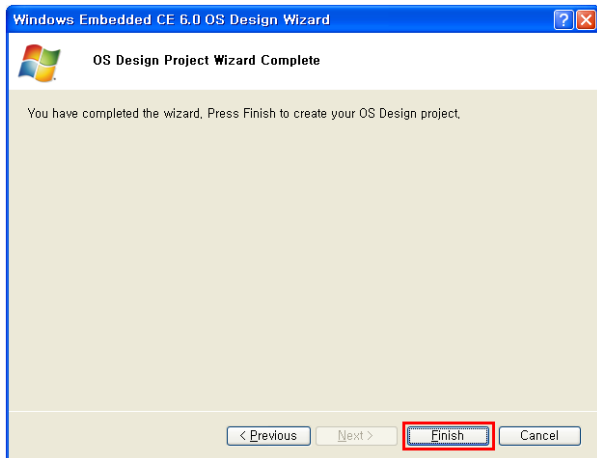
Select the Application & Media you want to include in your platform and then click "Next"



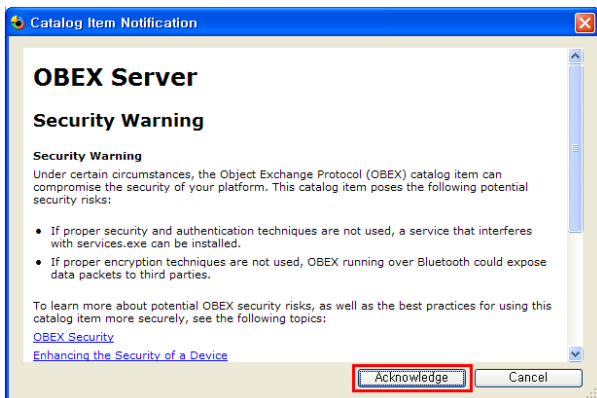
The Networking & Communications wizard window appears on your screen.



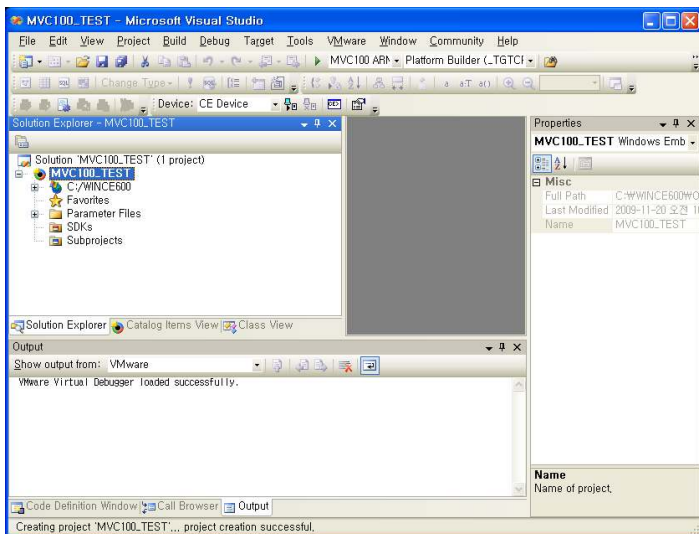
Click "Finish"



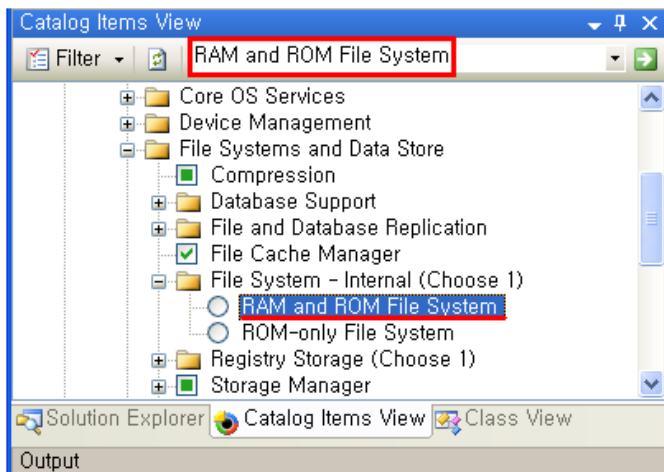
Click "Acknowledge"



Done

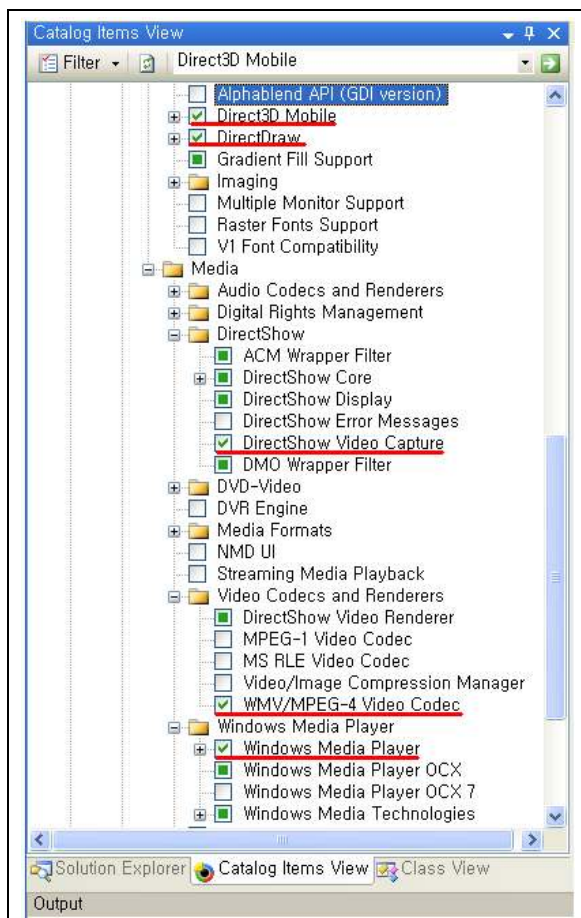


After New Project, you have to add to “Catalog Items” before Sysgen (Compile). As under picture, Fill in such as “RAM and ROM File System” and then it is easy for you to search.

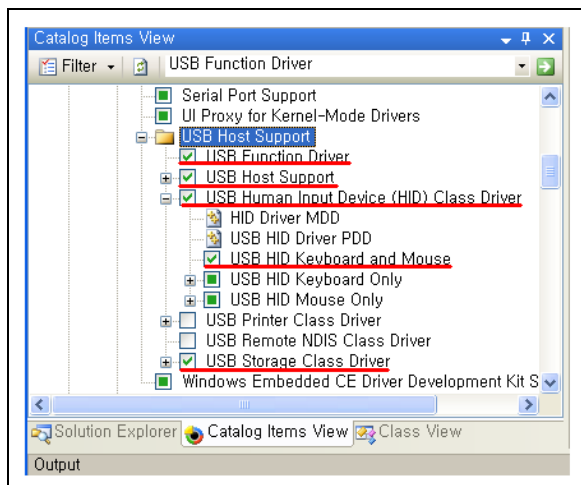


**To add to Catalog Items List**

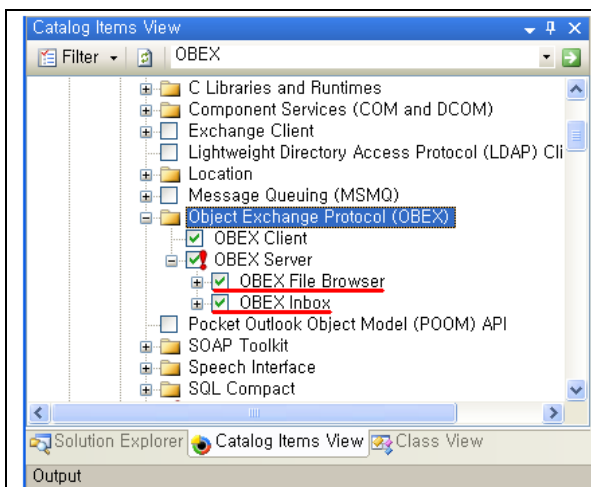
	<p><b>RAM and ROM File System</b></p> <p><b>Hive-based Registry</b></p> <p><b>Binary Rom Image File System</b></p> <p><b>exFAT File System</b></p> <p><b>Storage Manager Control Panel Applet</b></p> <p><b>Transaction-Safe FAT File System</b></p>
--	--



- Direct3D Mobile**
- DirectDraw**
- DirectShow Video Capture**
- WMV/MPEG-4 Video Codec**
- Windows Media Player**

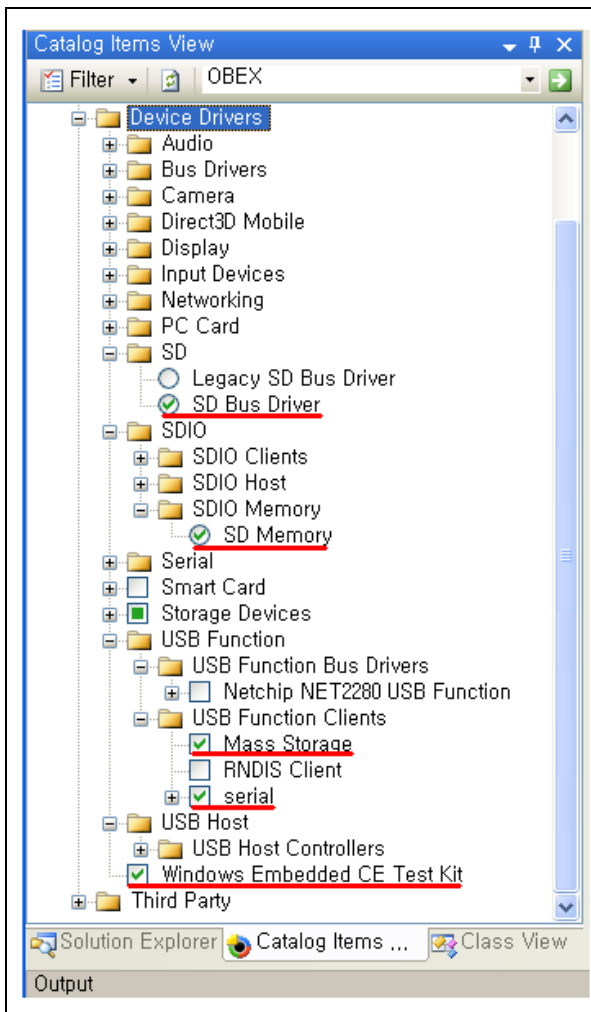


- USB Function Driver**
- USB Host Support**
- USB Human Input Device(HID) Class Driver**
- USB HID Keyboard and Mouse**
- USB Storage Class Driver**



**OBEX File Brower**

**OBEX Inbox**



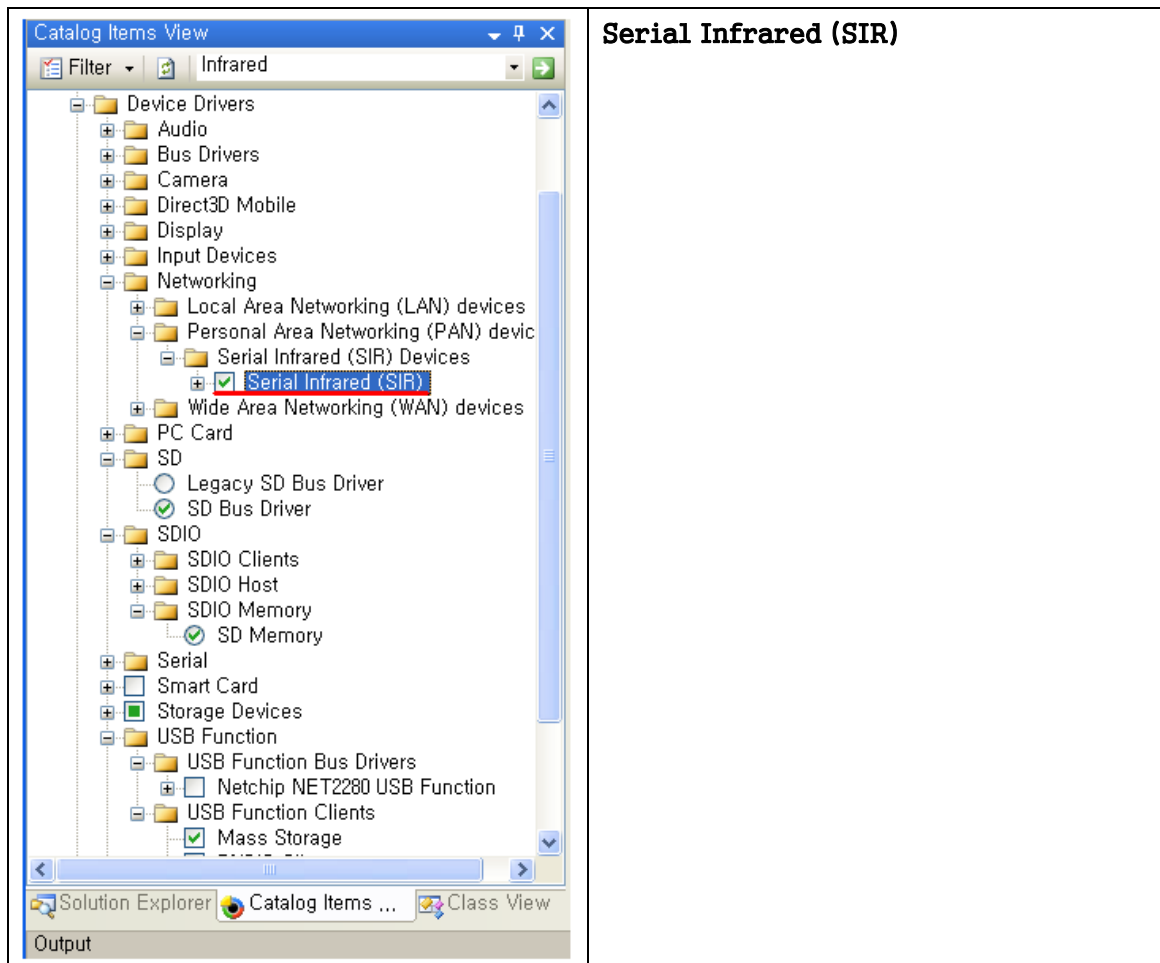
**SD Bus Driver**

**SD Memory**

**Mass Storage**

**serial**

**Windows Embedded CE Test Kit**

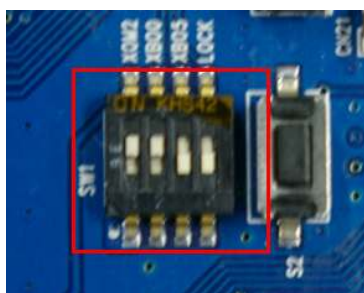


### Serial Infrared (SIR)

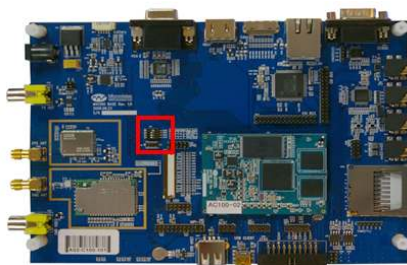
## 4. Download

As I introduced in the document MVC100\_Operating.pdf, S5PC100 has in the CPU 32KB ROM and 96KB SRAM so that can program without JTAG emulator by itself.

Please set up as under picture Boot mode. This is Boot mode which can download to mDDR through USB Cable.

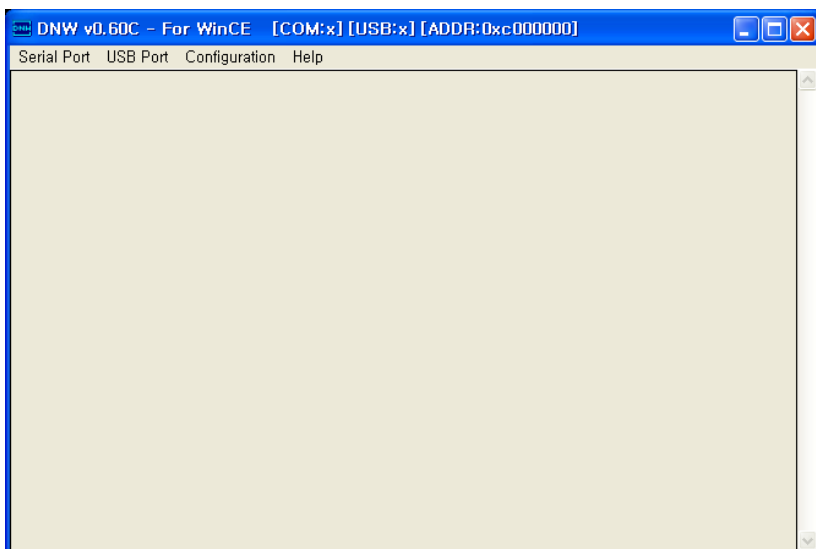


USB Boot mode



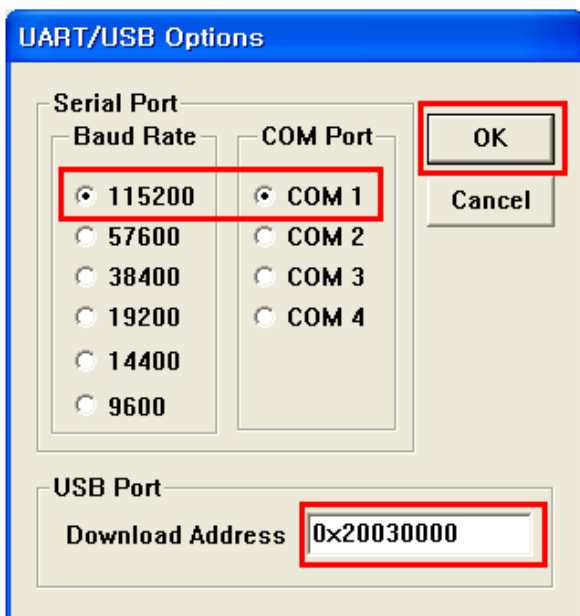
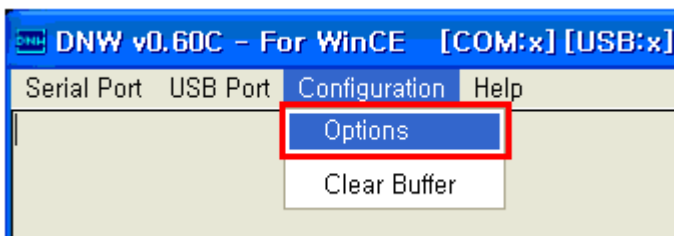
Back Switch position

Run DNW.exe in WTool\DNW v0.60C

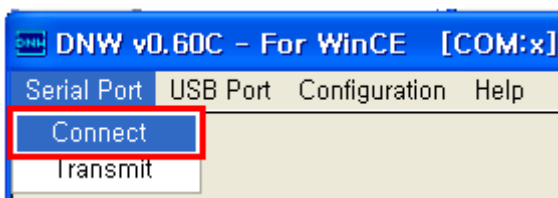


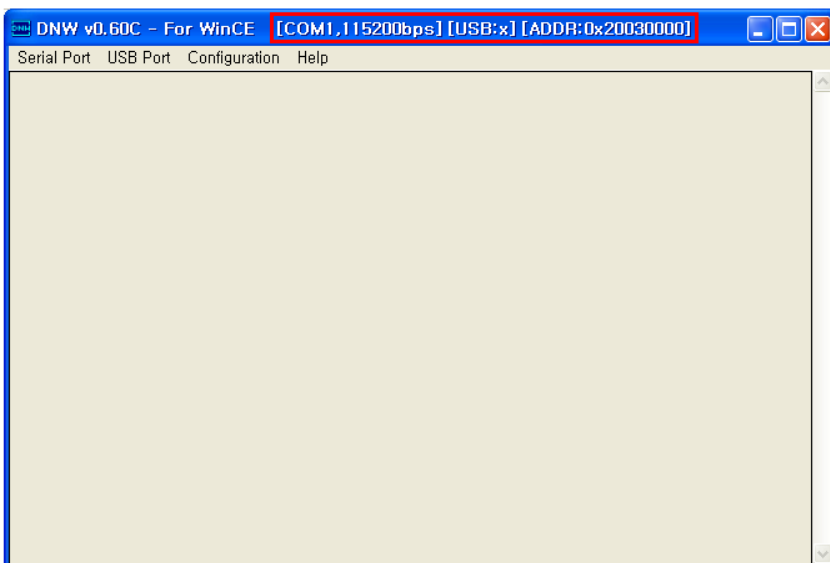
DNW

On the Configuration menu, click Options to set the UART/USB options. The following window appears on your screen. Select Baud Rate and COM Port as shown in figure "UART/USB options", enter the download address as 0x20030000 and then click OK button.



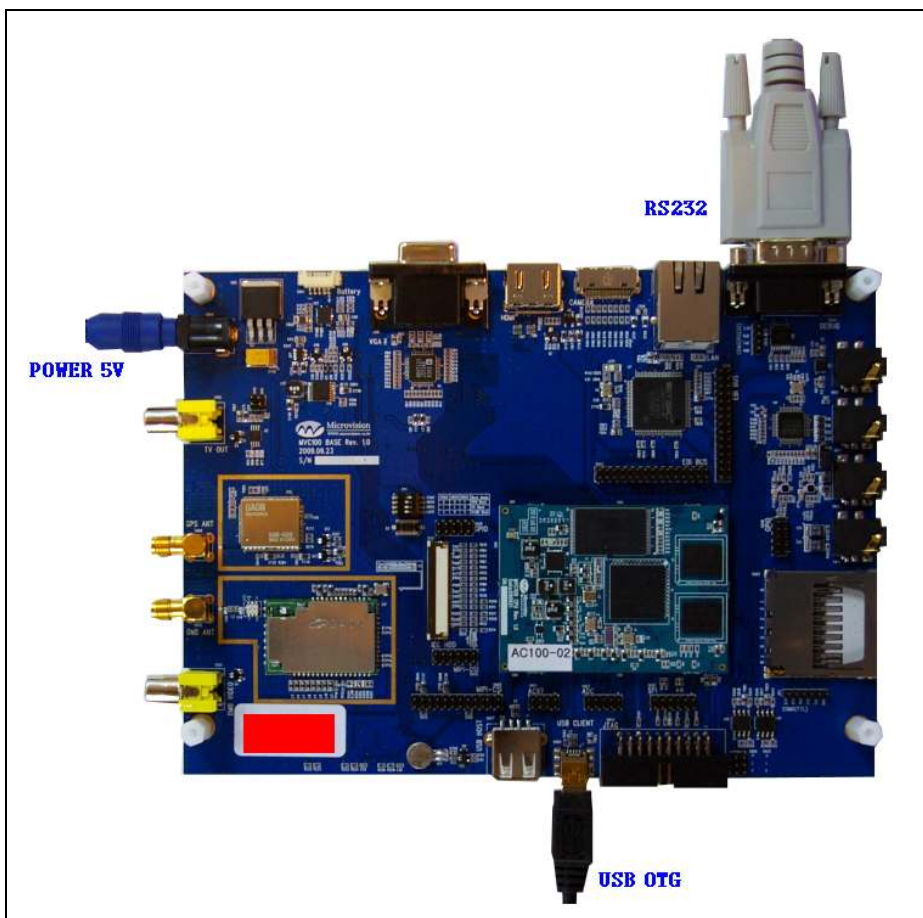
On the Serial Port menu, click Connect. Switch ON the reference board and then press any key and then install the USB driver in WSRWTool\DNW v0.60C driver directory.





Done

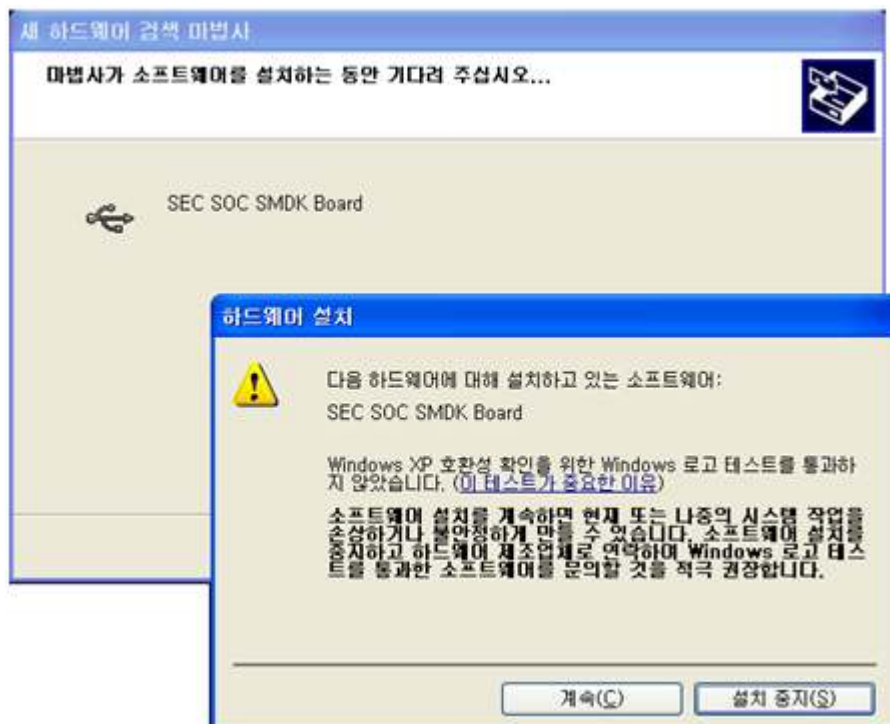
Connect Power 5V with Board and then USB 2.0 OTG Device with your Host PC to download through USB Cable and also RS232 for monitoring.



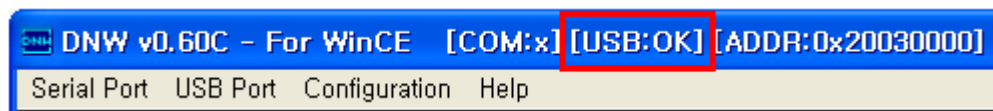
As soon as connect power, PC is aware of USB Driver



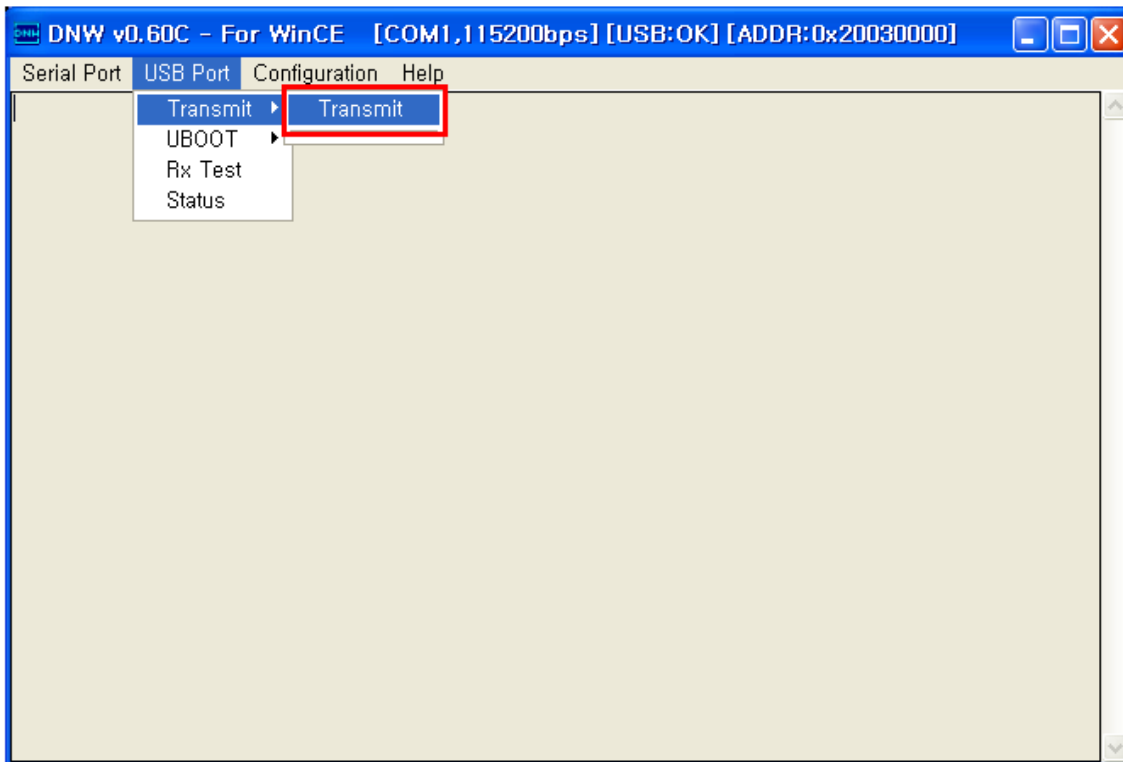
Installing in CD W\TOOL\WSMDKC100 USB Driver USB Driver



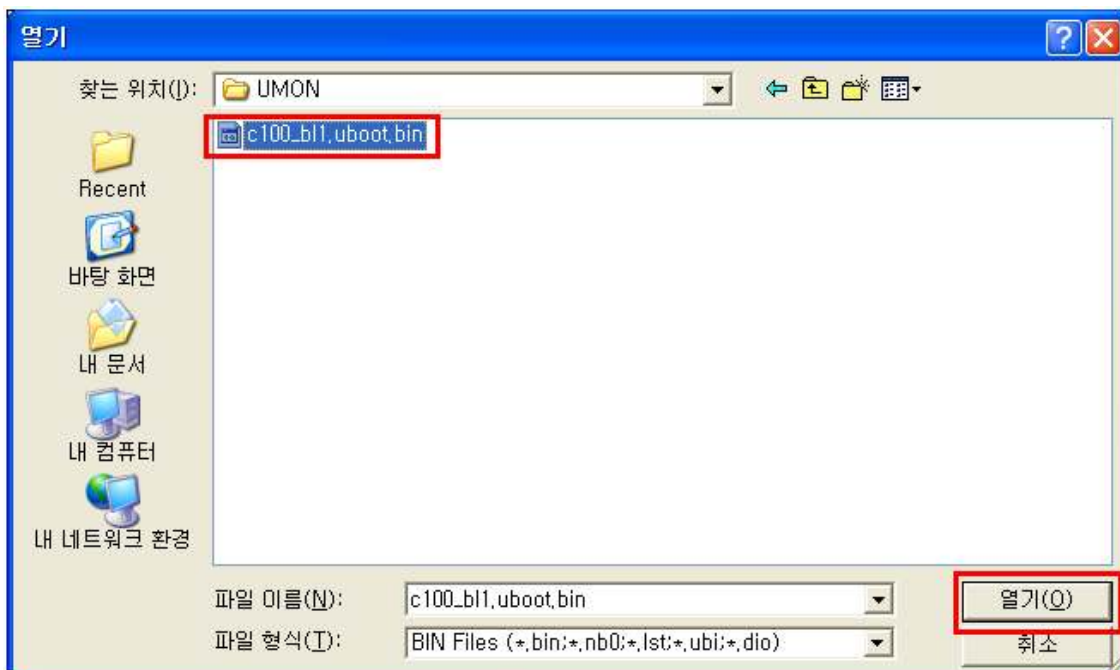
Success installed output message "USB OK"



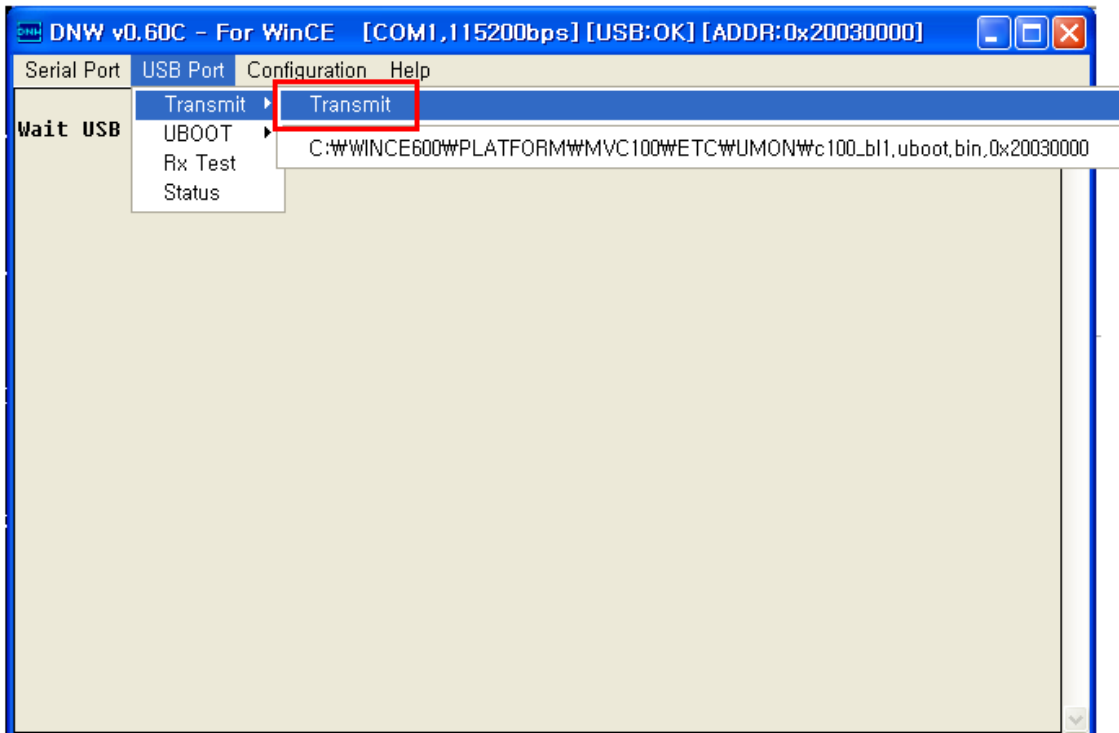
Select USB Port -> Transmit -> Transmit for loading "c100\_b11.uboot.bin"



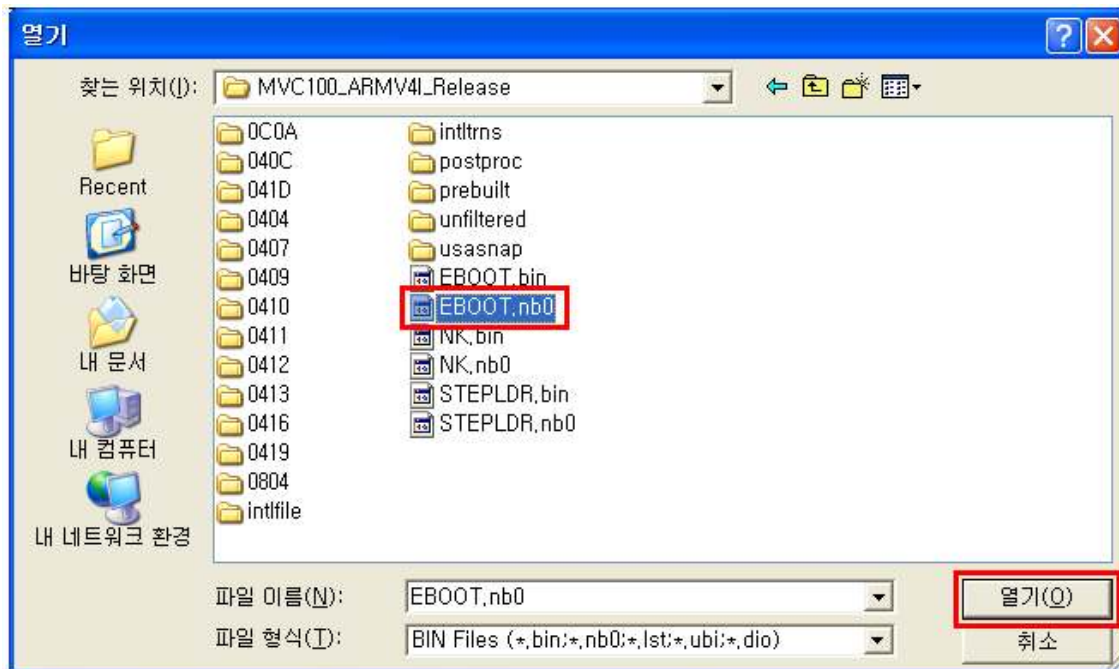
Open in C:\WINCE600\PLATFORM\MVC100\ETC\UMON "c100\_b11.uboot.bin"



Select USB Port -> Transmit -> Transmit for running "Eboot.nb0"



Open in C:\WINCE600\OSDesigns\MVC100\RelDir\MVC100\_ARMV4I\_Release "eboot.nb0"



As soon as EBOOT.nb0 download is over, the following messages appear in the DNW window. Please hit the SPACE BAR key to view.

```

DNW v0.60C - For WinCE [COM1,115200bps] [USB:x] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help
Microsoft Windows CE Bootloader Common Library Version 1.4 Built Nov 12 2009
12:05:55
Microsoft Windows CE Bootloader for the MUC100 Version 3.2 Built Nov 2 2009

[Eboot] ARM Voltage is set for 666MHz Operation.
[Eboot] Internal Voltage is set for 666MHz Operation.

Arguments area is initialized
[Eboot] ++InitializeDisplay(LCD_MODULE=2)
[Eboot] --InitializeDisplay()
[EBOOT] ==== > InitializeGPIO()

[EBOOT] ==== > DMB Reset

[Second_Delay] 1 secondsBP_Init
wNUM_BLOCKS : 1024(0x400)
TOC_Read
-TOC_Read

Press [ENTER] to launch image stored on boot media, or [SPACE] to enter boot
monitor.

Initiating image launch in 5 seconds.

```

```

DNW v0.60C - For WinCE [COM1,115200bps] [USB:x] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help
----- Connectivity Settings -----
0) IP address : [169.254.1.101]
1) Subnet mask : [255.255.255.0]
2) DHCP : [*Enabled]
3) Program CS8900 MAC address : [00:11:22:33:44:55]
----- Boot Configuration Section -----
4) Reset to factory default configuration
5) Startup Action after Boot delay : [Launch Existing OS image from Storage]
6) Boot delay: 5 seconds
R) Read Configuration
W) Write Configuration Right Now
----- Kernel Booting Option Section -----
K) KITL Configuration : [*Enabled]
I) KITL Connection Mode : [*Interrupt]
C) Force Clean Boot Option : [*True]
H) Hive Clean on Boot-time : [*False]
P) Format Partition on Boot-time: [*False]
----- NAND Flash Section -----
A) Erase All Blocks
E) Erase Reserved Block(StepIdr+Eboot)
F) Format Boot Media for BINFS with BadBlock Marking to Reserved Block
N) Nand Information and Dump NAND Flash
----- Test Section -----
M) mDDR Memory Test
U) Register Display
----- Download and Launch Section -----
S) Switch Boot Device : [*USB_DNW]
{ Options : Ethernet, USB Serial, USB_RNDIS, *USB_DNW }
T) Download Target: [Write to NAND Storage]
D) Download or Program image(OS image will be launched)
L) LAUNCH existing Boot Media image

Enter your selection:

```

### Eboot mode

## Eboot

```

----- Connectivity Settings -----
0) IP address : [169.254.1.101] < IP setup
1) Subnet mask : [255.255.255.0] < IP subnet mask
2) DHCP : [*Enabled] < nothing IP, DHCP working
3) Program CS8900 MAC address : [00:11:22:33:44:55] < IP MAC Address
----- Boot Configuration Section -----
4) Reset to factory default configuration < Get default configuration
5) Startup Action after Boot delay : [Launch Existing OS image from Storage] < Select mode
whether download or kernel.
6) Boot delay: 5 seconds < Count time eboot
R) Read Configuration < To load environment
W) Write Configuration Right Now < To save environment
----- Kernel Booting Option Section -----
K) KITL Configuration : [*Enabled] < To setup kitl environment
I) KITL Connection Mode : [*Interrupt] < To connect kitl Mode
C) Force Clean Boot Option : [*True] < Force delete Hive environment
H) Hive Clean on Boot-time : [*False] < delete Hive environment
P) Format Partition on Boot-time: [*False] < format boot partition
----- NAND Flash Section -----
A) Erase All Blocks < All of NAND
E) Erase Reserved Block(Stepldr+Eboot) < To delete boot position
F) Format Boot Media for BINFS with BadBlock Marking to Reserved Block < To delete kernel
N) Nand Information and Dump NAND Flash < To out information from NAND
----- Test Section -----
M) mDDR Memory Test < To test SDARM
U) Register Display < To display, it has already registered
----- Download and Launch Section -----
S) Switch Boot Device : [*USB_DNW] < Select transmission
    { Options : Ethernet, USB_Serial, USB_RNDIS, *USB_DNW }
T) Download Target: [Write to NAND Storage] < Your wants position for programming
D) Download or Program image(OS image will be launched) < Download key
L) LAUNCH existing Boot Media image < directly work to NK.bin

```

Select "T" [Write to NAND Storage]

Select "D" and then download step\_mvcl100.nb0

```

DNW v0.60C - For WinCE [COM1,115200bps] [USB:x] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help

----- Connectivity Settings -----
0) IP address : [169.254.1.101]
1) Subnet mask : [255.255.255.0]
2) DHCP : [*Enabled]
3) Program CS8900 MAC address : [00:11:22:33:44:55]
----- Boot Configuration Section -----
4) Reset to factory default configuration
5) Startup Action after Boot delay : [Launch Existing OS image from Storage]
6) Boot delay: 5 seconds
R) Read Configuration
W) Write Configuration Right Now
----- Kernel Booting Option Section -----
K) KITL Configuration : [*Enabled]
I) KITL Connection Mode : [*Interrupt]
C) Force Clean Boot Option : [*True]
H) Hive Clean on Boot-time : [*False]
P) Format Partition on Boot-time: [*False]
----- NAND Flash Section -----
A) Erase All Blocks
E) Erase Reserved Block(Stepldr+Eboot)
F) Format Boot Media for BINFS with BadBlock Marking to Reserved Block
N) Nand Information and Dump NAND Flash
----- Test Section -----
M) mDDR Memory Test
U) Register Display
----- Download and Launch Section -----
S) Switch Boot Device : [*USB_DNW]
   { Options : Ethernet, USB_Serial, USB_RNDIS, *USB_DNW }
T) Download Target: [Write to NAND Storage]
D) Download or Program image(OS image will be launched)
L) LAUNCH existing Boot Media image

Enter your selection:
  
```

Select USB Port -> UBOOT -> UBOOT for programming step\_mvcl100.nb0

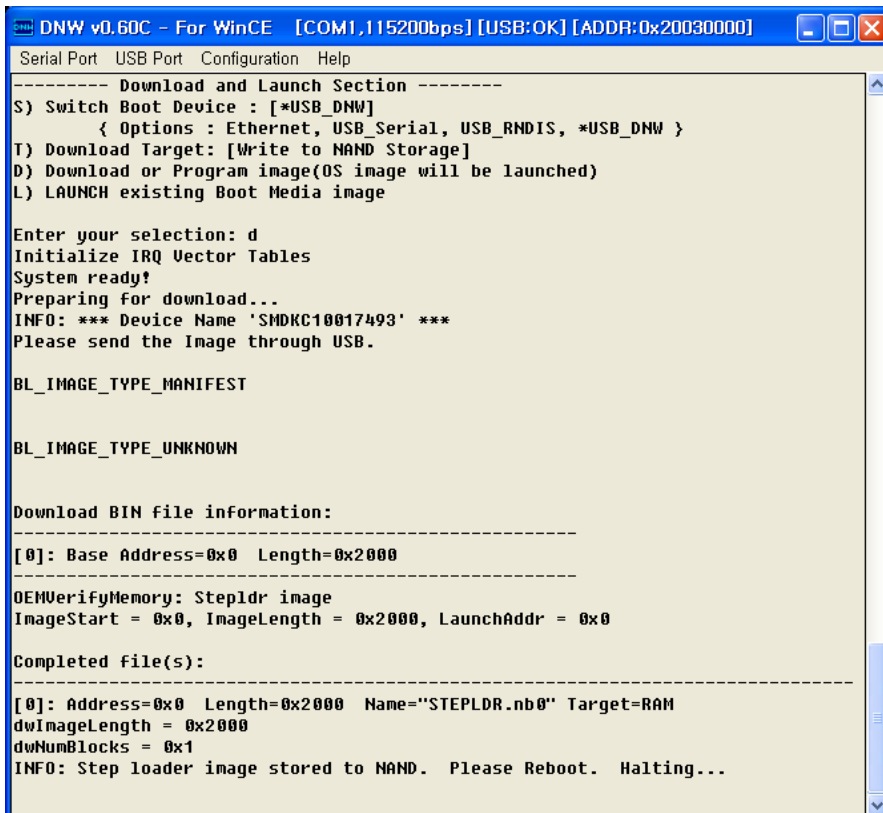
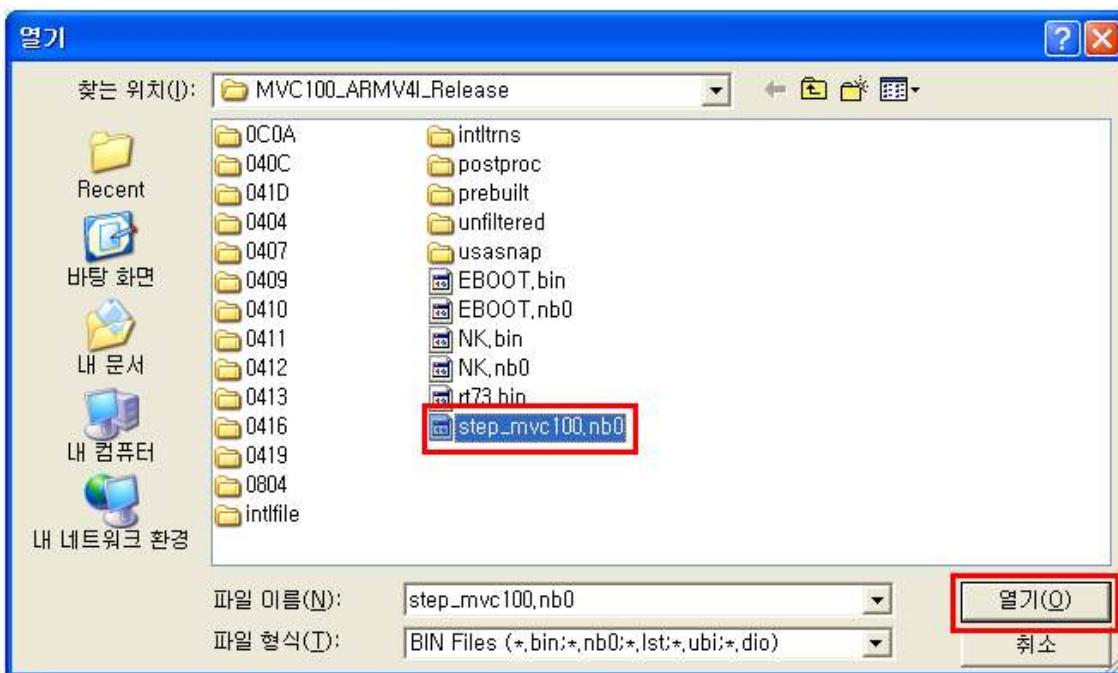
```

DNW v0.60C - For WinCE [COM1,115200bps] [USB:OK] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help

----- Connectivity Settings -----
0) IP address : [169.254.1.101]
1) Subnet mask : [255.255.255.0]
2) DHCP : [*Enabled]
3) Program CS8900 MAC address : [00:11:22:33:44:55]
----- Boot Configuration Section -----
4) Reset to factory default configuration
5) Startup Action after Boot delay : [Launch Existing OS image from Storage]
6) Boot delay: 5 seconds
R) Read Configuration
W) Write Configuration Right Now
----- Kernel Booting Option Section -----
K) KITL Configuration : [*Enabled]
I) KITL Connection Mode : [*Interrupt]
C) Force Clean Boot Option : [*True]
H) Hive Clean on Boot-time : [*False]
P) Format Partition on Boot-time: [*False]
----- NAND Flash Section -----
A) Erase All Blocks
E) Erase Reserved Block(Stepldr+Eboot)
F) Format Boot Media for BINFS with BadBlock Marking to Reserved Block
N) Nand Information and Dump NAND Flash
----- Test Section -----
M) mDDR Memory Test
U) Register Display
----- Download and Launch Section -----
S) Switch Boot Device : [*USB_DNW]
   { Options : Ethernet, USB_Serial, USB_RNDIS, *USB_DNW }
T) Download Target: [Write to NAND Storage]
D) Download or Program image(OS image will be launched)
L) LAUNCH existing Boot Media image

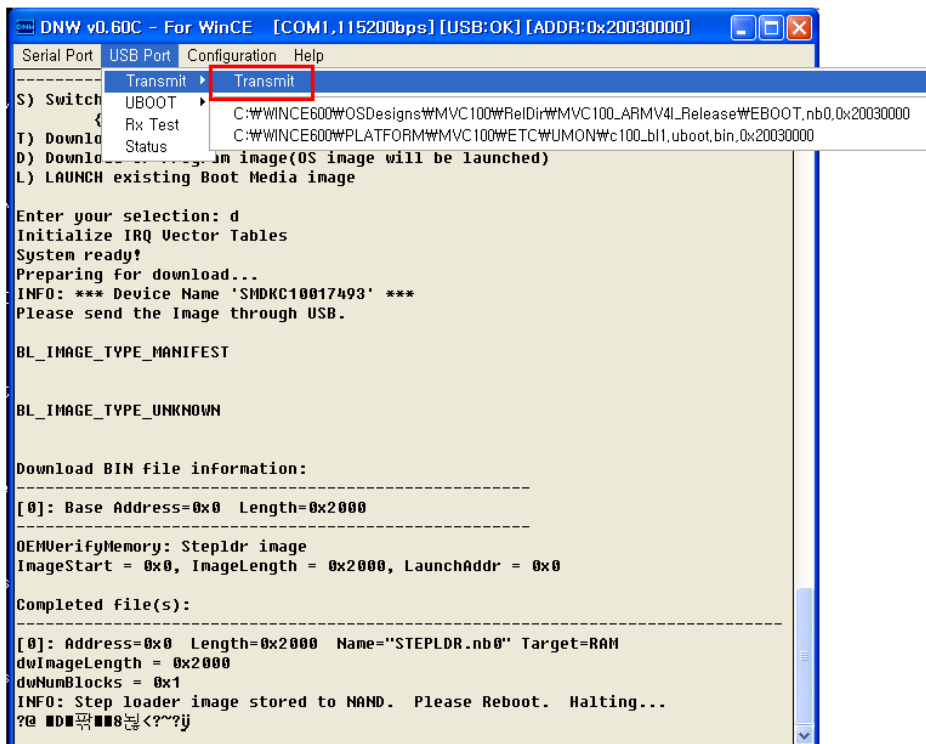
Enter your selection: d
Initialize IRQ Vector Tables
System ready!
Preparing for download..
INFO: *** Device Name 'SMDK10017493' ***
Please send the Image through USB.
  
```

Select step\_mvcl100.nb0 and then click “open”

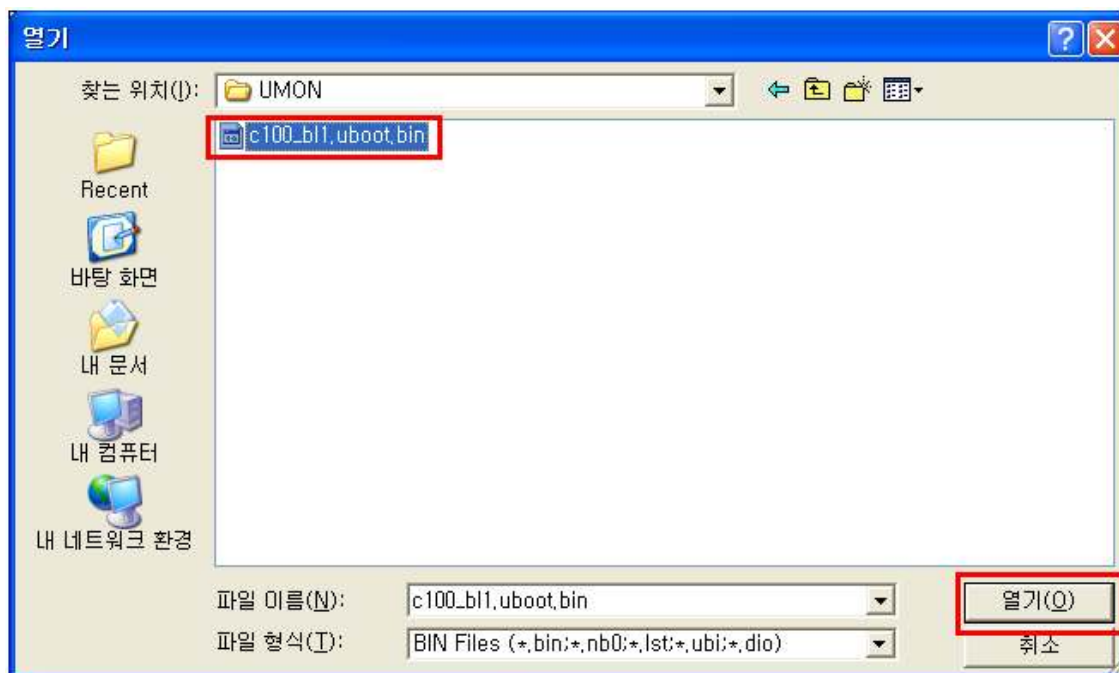


Reboot for programming "EBOOT.bin" as it first method

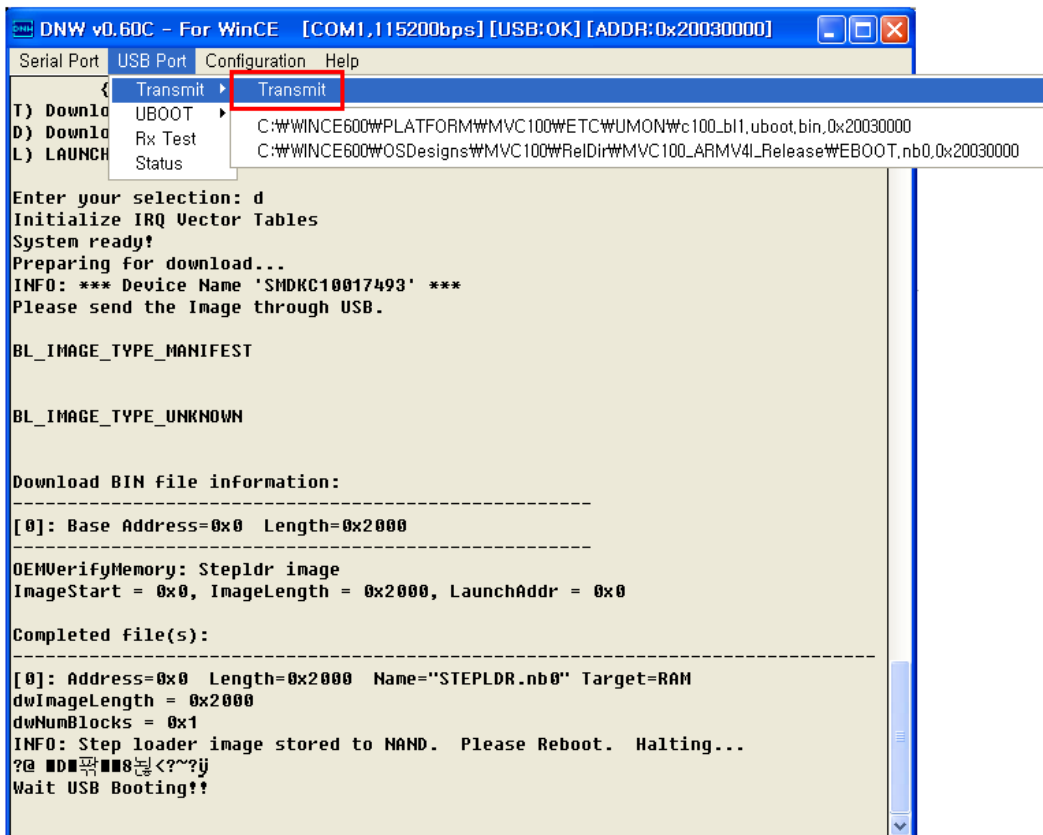
Select USB Port -> Transmit -> Transmit for loading "c100\_b11.uboot.bin"



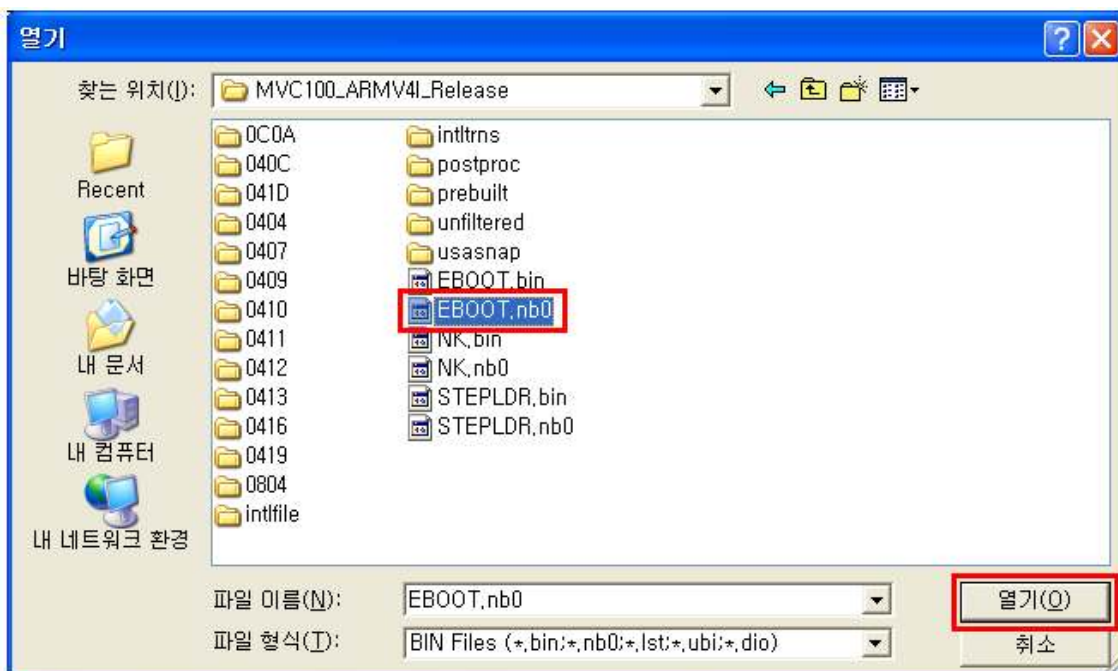
Open in C:\WINCE600\PLATFORM\MVC100\ETC\UMON "c100\_b11.uboot.bin"



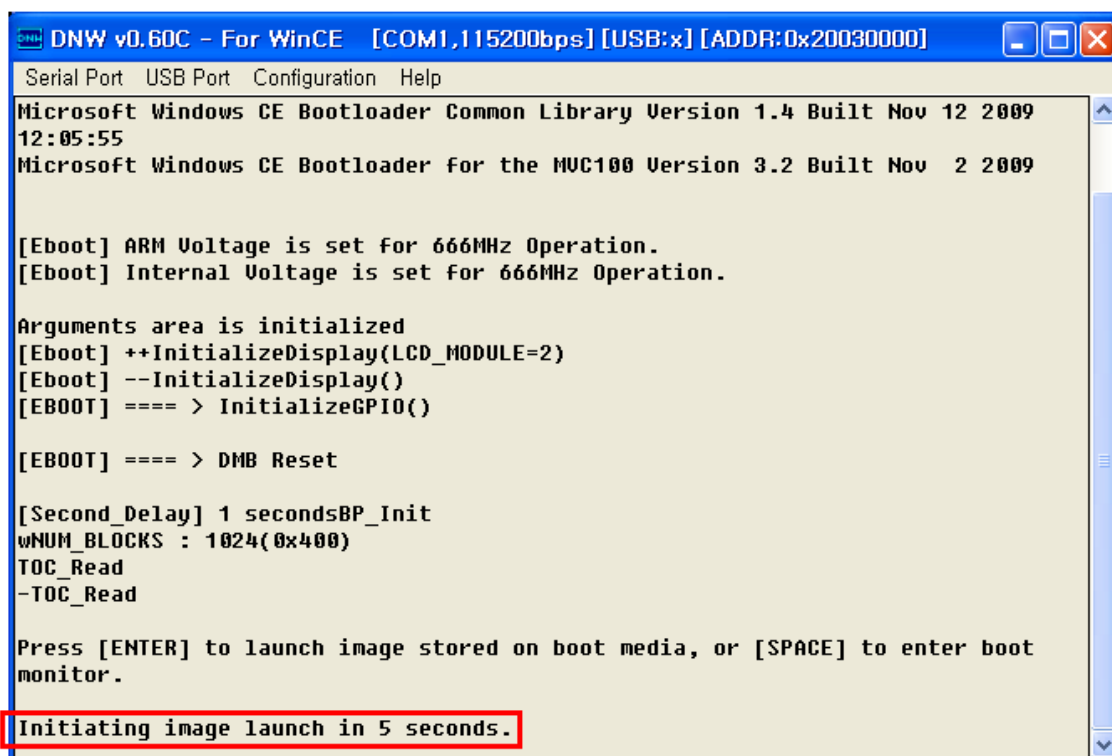
Select USB Port -> Transmit -> Transmit for working "Eboot.nb0"



Open in C:\WINCE600\OSDesigns\MVC100\RelDir\MVC100\_ARMV4I\_Release "eboot.nb0"

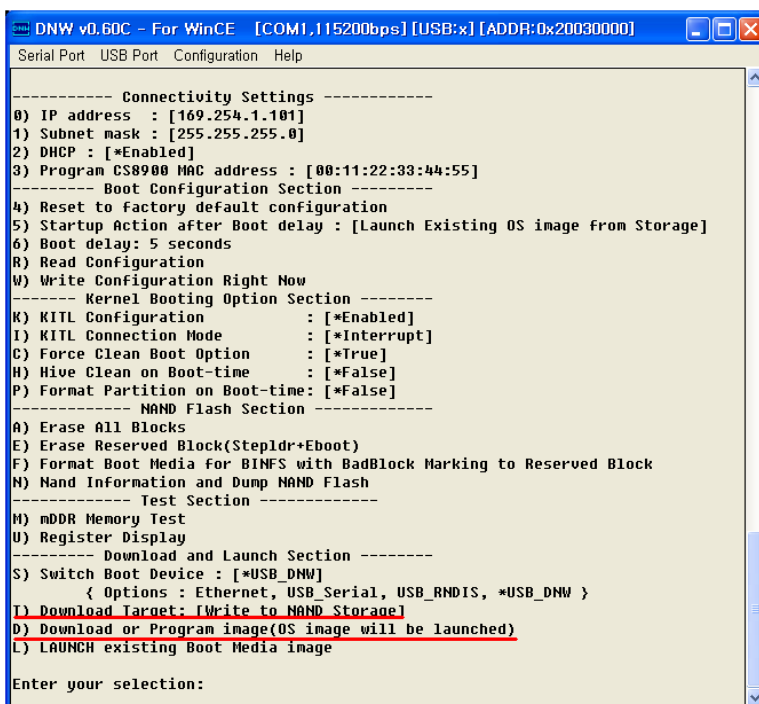


As soon as EBOOT.nb0 download is over, the following messages appear in the DNW window. Please hit the SPACE BAR key to view.



Select "T" [Write to NAND Storage]

Select "D" and then download EBOOT.bin



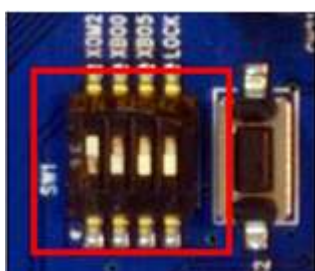


Done

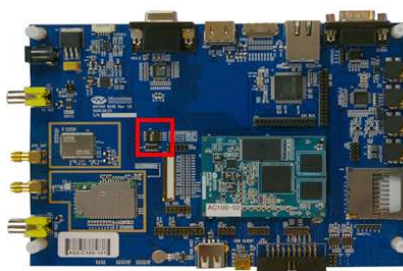
```
DNW v0.60C - For WinCE [COM1,115200bps] [USB:OK] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help
MAC Address: 00:11:22:33:44:55
Port: 0.0.0.0
SubnetMask: 255.255.255.0
}
ID[0] {
dwVersion: 0x30002
dwSignature: 0x45424F54
String: 'eboot.nb0'
dwImageType: 0x2
dwTtlSectors: 0xA6
dwLoadAddress: 0x80030000
dwJumpAddress: 0x8006A5A8
dwStoreOffset: 0x0
sgList[0].dwSector: 0x80
sgList[0].dwLength: 0xA6
}
ID[1] {
dwVersion: 0x1
dwSignature: 0x43465348
String: ''
dwImageType: 0x2
dwTtlSectors: 0x3DF9
dwLoadAddress: 0x80100000
dwJumpAddress: 0x801072C4
dwStoreOffset: 0x0
sgList[0].dwSector: 0x340
sgList[0].dwLength: 0x3DF9
}
chainInfo.dwLoadAddress: 0X00000000
chainInfo.dwFlashAddress: 0X00000000
chainInfo.dwLength: 0X00000000
}
INFO: Eboot image stored to Smart Media. Please Reboot. Halting...
```

NAND was programmed 0x0 STEPLDR.nb0 and 0x2 EBOOT.bin. Now change NAND Flash boot mode for programming NK.bin of kernel.

Please setup NAND boot mode.



NAND boot mode



Back Reset Switch position

As soon as EBOOT.nb0 download is over, the following messages appear in the DNW window. Please hit the SPACE BAR key to view.

```

DNW v0.60C - For WinCE [COM1,115200bps] [USB:x] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help
Microsoft Windows CE Bootloader Common Library Version 1.4 Built Nov 12 2009
12:05:55
Microsoft Windows CE Bootloader for the MVC100 Version 3.2 Built Nov 2 2009

[Eboot] ARM Voltage is set for 666MHz Operation.
[Eboot] Internal Voltage is set for 666MHz Operation.

Arguments area is initialized
[Eboot] ++InitializeDisplay(LCD_MODULE=2)
[Eboot] --InitializeDisplay()
[EBOOT] ==== > InitializeGPIO()

[EBOOT] ==== > DMB Reset

[Second_Delay] 1 secondsBP_Init
wNUM_BLOCKS : 1024(0x400)
TOC_Read
-TOC_Read

Press [ENTER] to launch image stored on boot media, or [SPACE] to enter boot
monitor.
Initiating image launch in 5 seconds.

```

Select “T” to make sure [Write to NAND Storage] and then select “F” to be formatted NK (kernel) area, select “D” for programming NK.bin

```

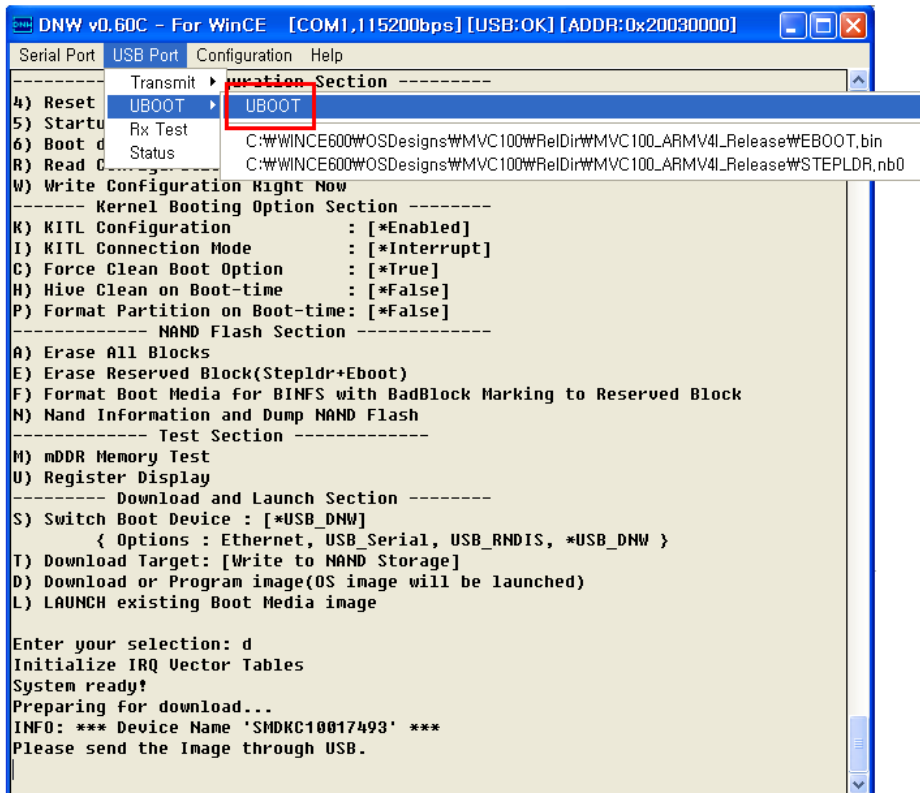
DNW v0.60C - For WinCE [COM1,115200bps] [USB:x] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help

----- Connectivity Settings -----
0) IP address : [169.254.1.101]
1) Subnet mask : [255.255.255.0]
2) DHCP : [*Enabled]
3) Program CS8900 MAC address : [00:11:22:33:44:55]
----- Boot Configuration Section -----
4) Reset to factory default configuration
5) Startup Action after Boot delay : [Launch Existing OS image from Storage]
6) Boot delay: 5 seconds
R) Read Configuration
W) Write Configuration Right Now
----- Kernel Booting Option Section -----
K) KITL Configuration : [*Enabled]
I) KITL Connection Mode : [*Interrupt]
C) Force Clean Boot Option : [*True]
H) Hive Clean on Boot-time : [*False]
P) Format Partition on Boot-time: [*False]
----- NAND Flash Section -----
A) Erase All Blocks
E) Erase Reserved Block(Stepldr+Eboot)
F) Format Boot Media for BINES with BadBlock Marking to Reserved Block
N) Nand Information and Dump NAND Flash
----- Test Section -----
M) mDDR Memory Test
U) Register Display
----- Download and Launch Section -----
S) Switch Boot Device : [*USB_DNW]
{ Options : Ethernet, USB_Serial, USB_RNDIS, *USB_DNW }
T) Download Target: [Write to NAND Storage]
D) Download or Program image(OS image will be launched)
L) LAUNCH existing Boot Media image

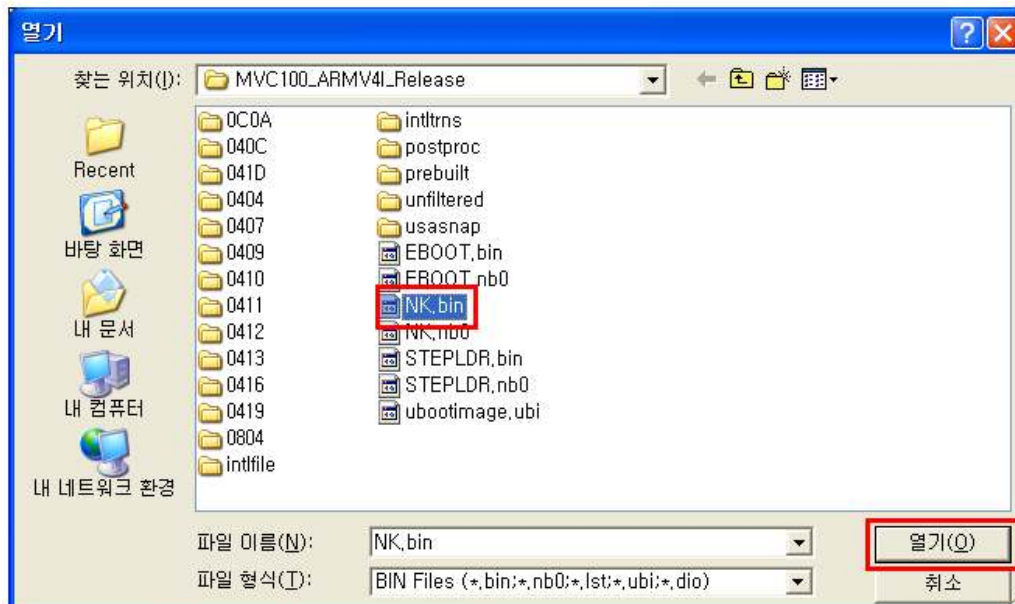
Enter your selection:

```

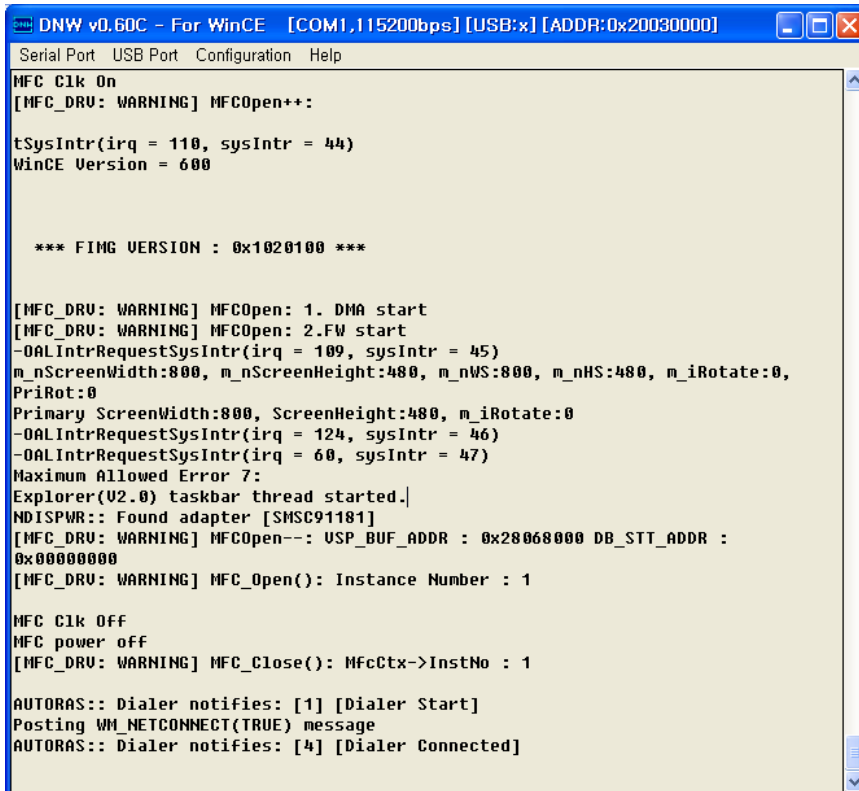
Select USB Port -> UBOOT -> UBOOT for programming NK.bin



Select "NK.bin" and then click "Open"



You can make sure after 30 minute



```
DNW v0.60C - For WinCE [COM1,115200bps] [USB:x] [ADDR:0x20030000]
Serial Port  USB Port  Configuration  Help
MFC Clk On
[MFC_DRU: WARNING] MFCOpen++:

tSysIntr(irq = 110, sysIntr = 44)
WinCE Version = 600

*** FIMG VERSION : 0x1020100 ***

[MFC_DRU: WARNING] MFCOpen: 1. DMA start
[MFC_DRU: WARNING] MFCOpen: 2.FW start
-OALIntrRequestSysIntr(irq = 109, sysIntr = 45)
m_nScreenWidth:800, m_nScreenHeight:480, m_nWS:800, m_nHS:480, m_iRotate:0,
PriRot:0
Primary ScreenWidth:800, ScreenHeight:480, m_iRotate:0
-OALIntrRequestSysIntr(irq = 124, sysIntr = 46)
-OALIntrRequestSysIntr(irq = 60, sysIntr = 47)
Maximum Allowed Error 7:
Explorer(V2.0) taskbar thread started.
NDISPR:: Found adapter [SMSC91181]
[MFC_DRU: WARNING] MFCOpen--: VSP_BUF_ADDR : 0x28068000 DB_STT_ADDR :
0x00000000
[MFC_DRU: WARNING] MFC_Open(): Instance Number : 1

MFC Clk Off
MFC power off
[MFC_DRU: WARNING] MFC_Close(): MfcCtx->InstNo : 1

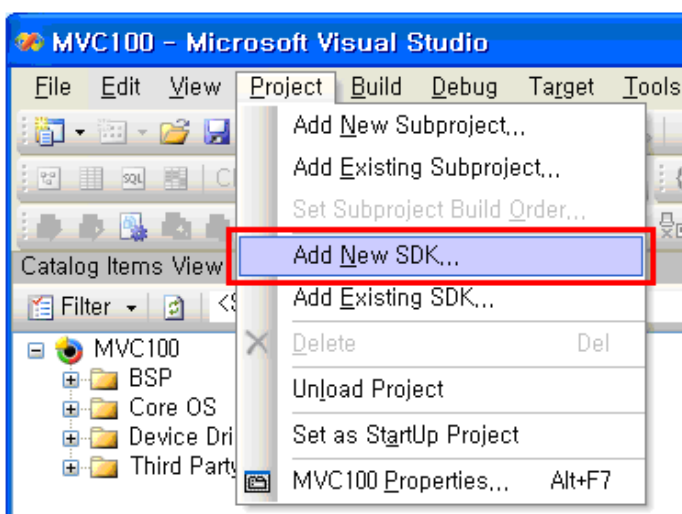
AUTORAS:: Dialer notifies: [1] [Dialer Start]
Posting WM_NETCONNECT(TRUE) message
AUTORAS:: Dialer notifies: [4] [Dialer Connected]
```

## 5. Application

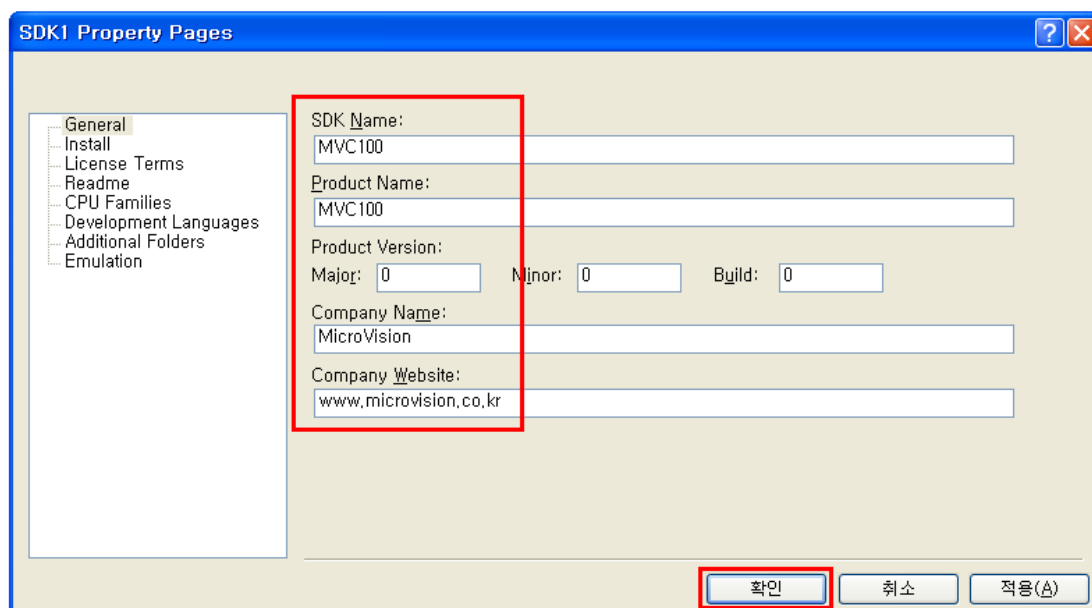
### 5.1 To make SDK

You'd like to use Visual Studio 2005 with Application of program. You should make SDK. Please the following window appears on your screen

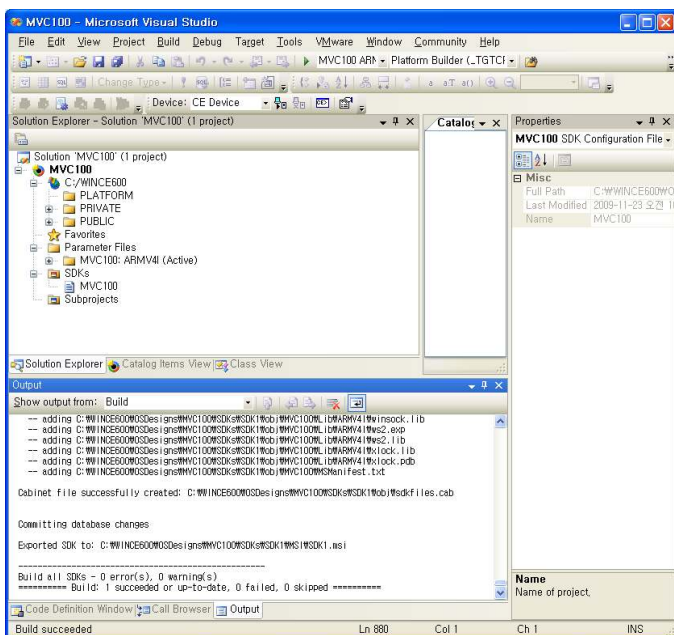
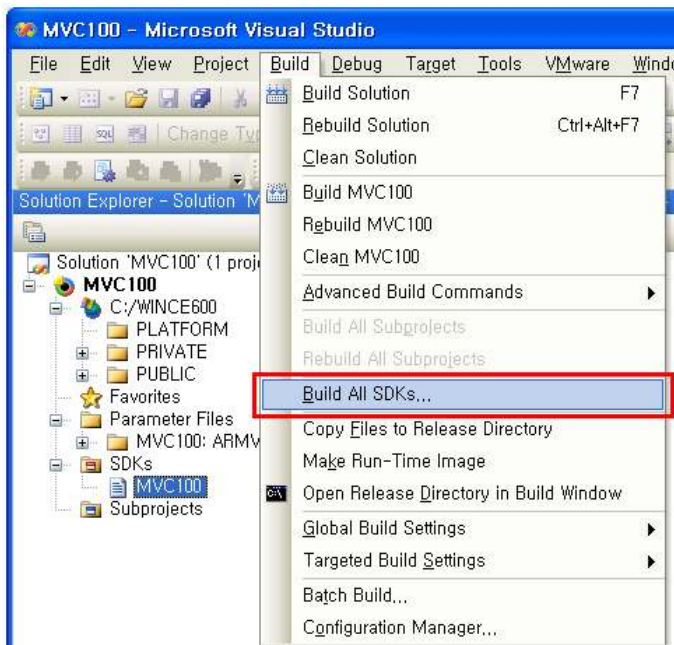
Project menu, -> Click "Add New SDK"



Fill in your wants name and then click "OK"

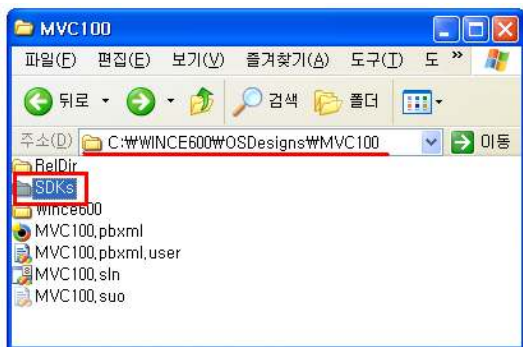


Build menu, -> Click "Build All SDKs"



**Done**

After build, you can see SDK position as under picture

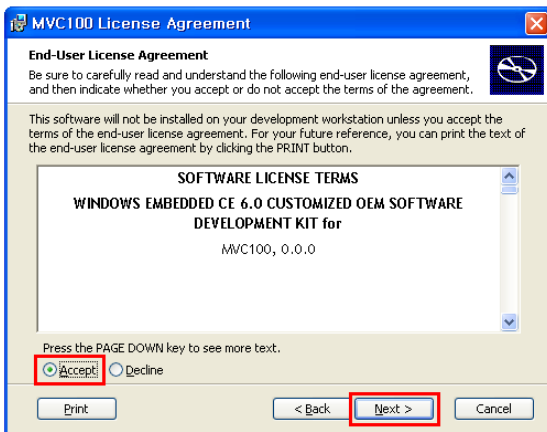


Install SDK.mis in C:\WINCE600\OSDesigns\MVC100\SDKs\WSDK1\WMSI directory

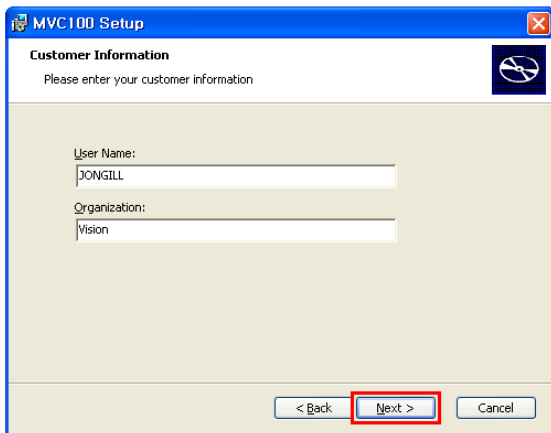
Click "NEXT"



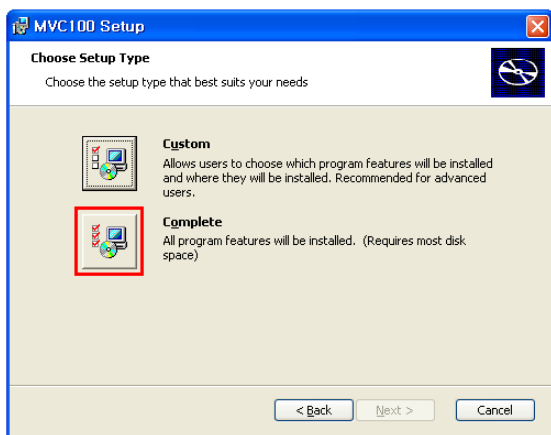
Select "Accept" -> Click "NEXT"



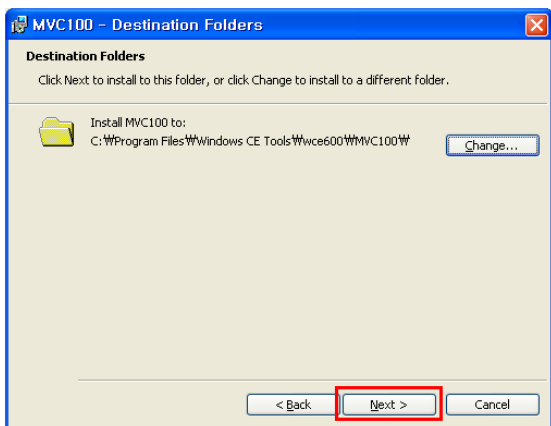
Click "NEXT"



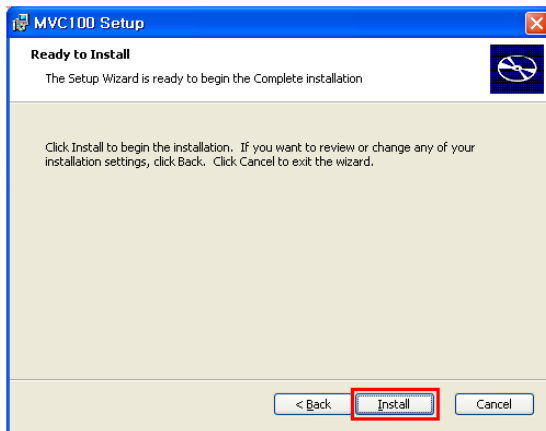
Select "Complete"



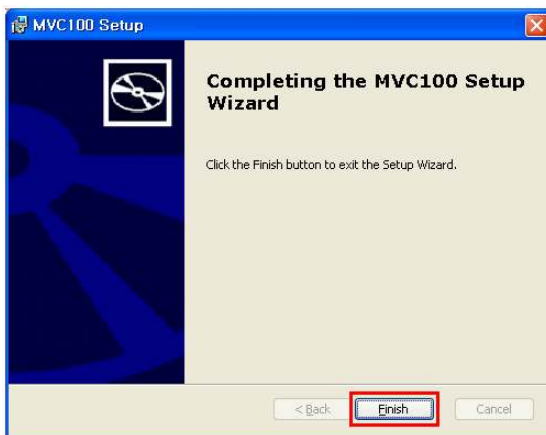
Click "NEXT"



Click "Install"

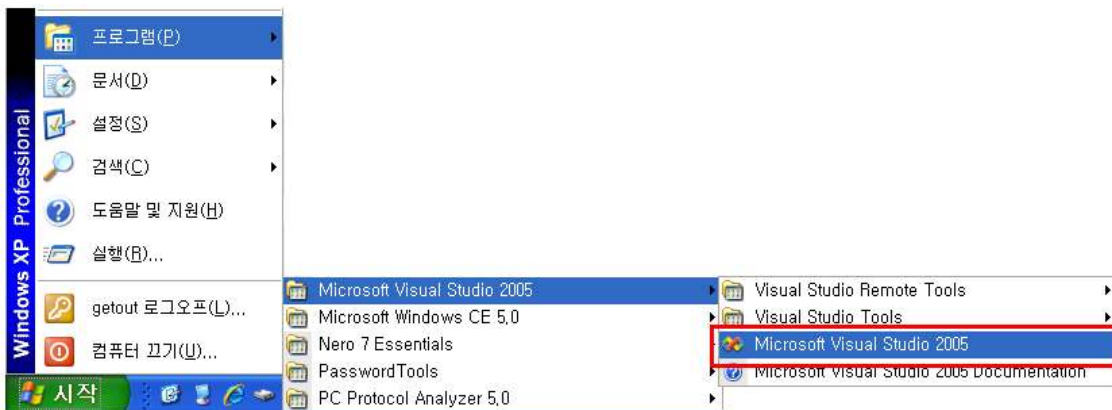


Click "Finish"

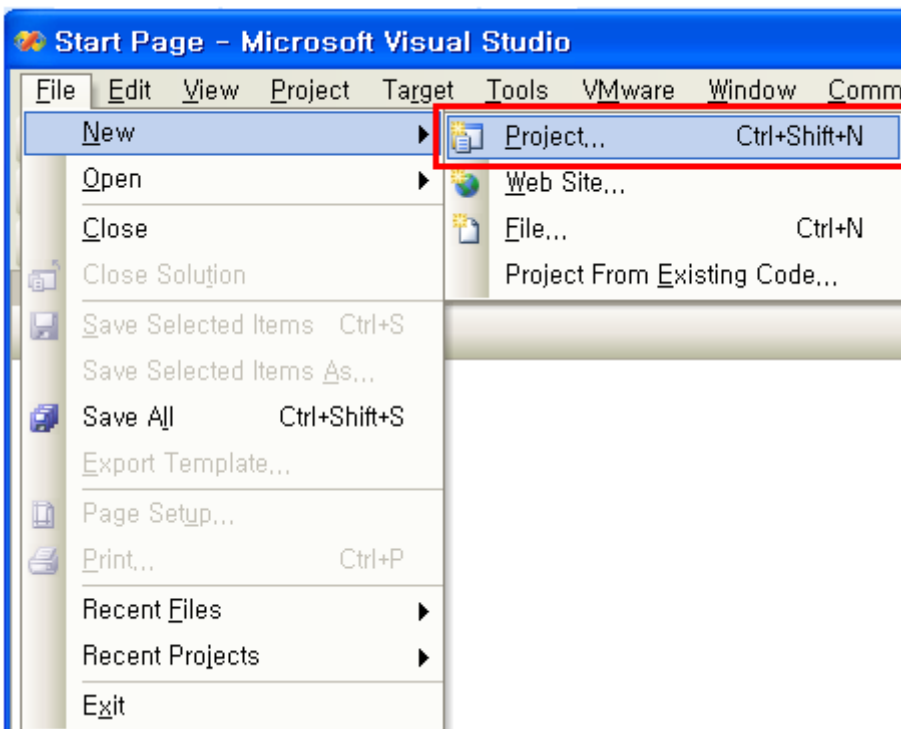


## 5.2 To make New Project for Application

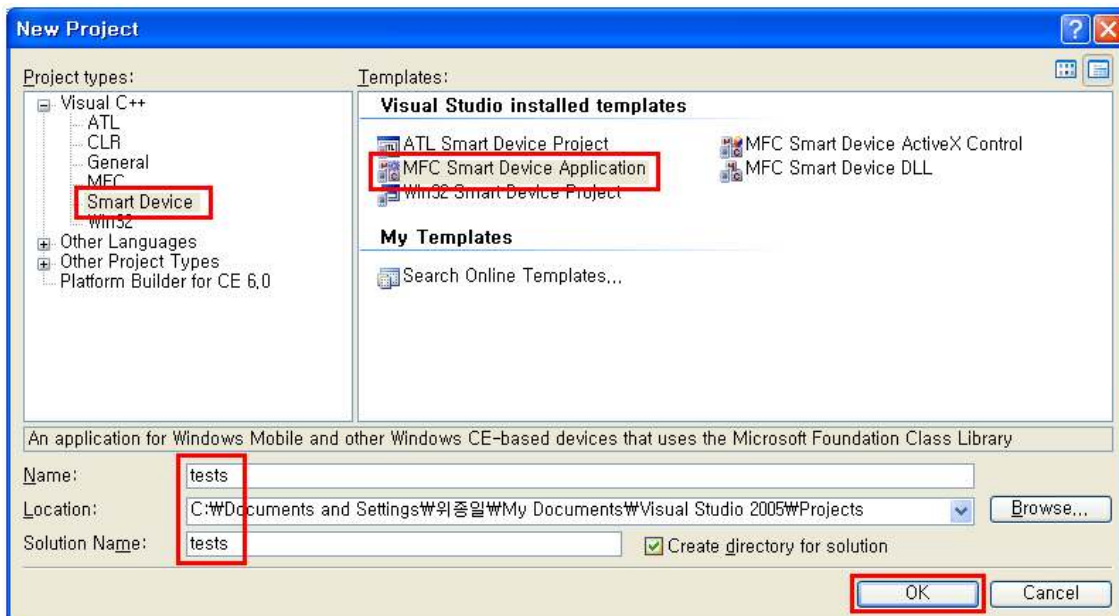
Run Visual Studio 2005



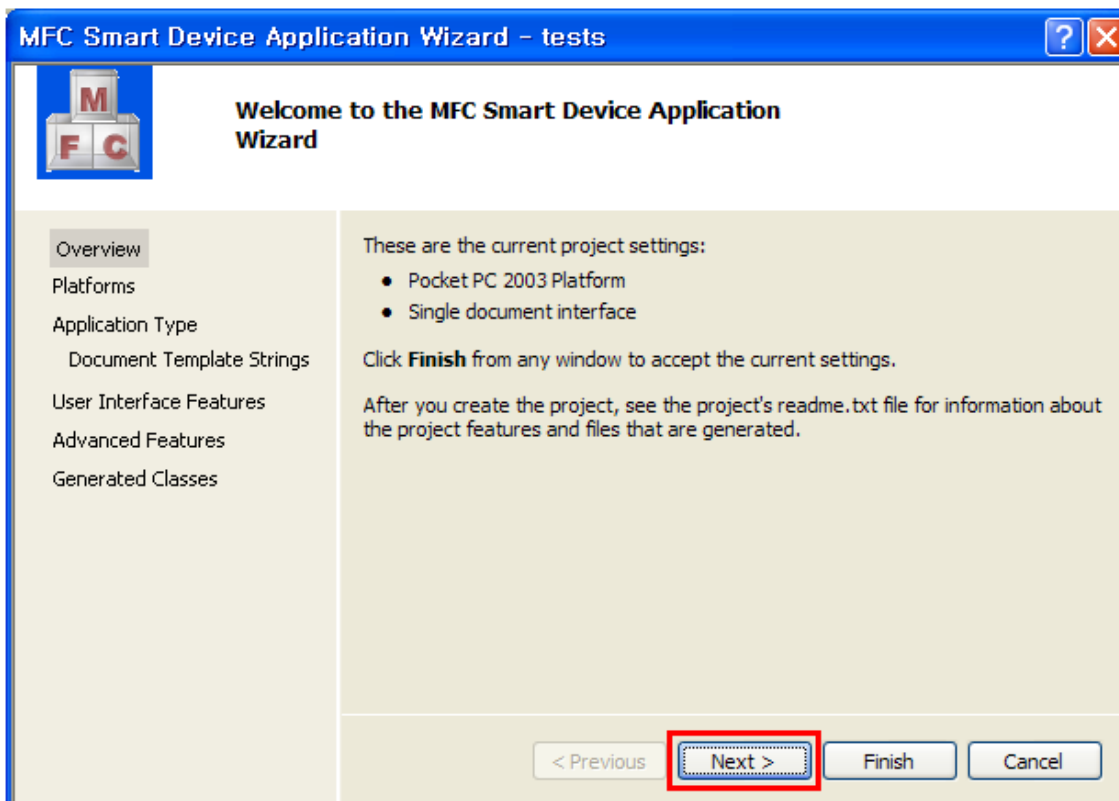
Click File -> NEW -> Project



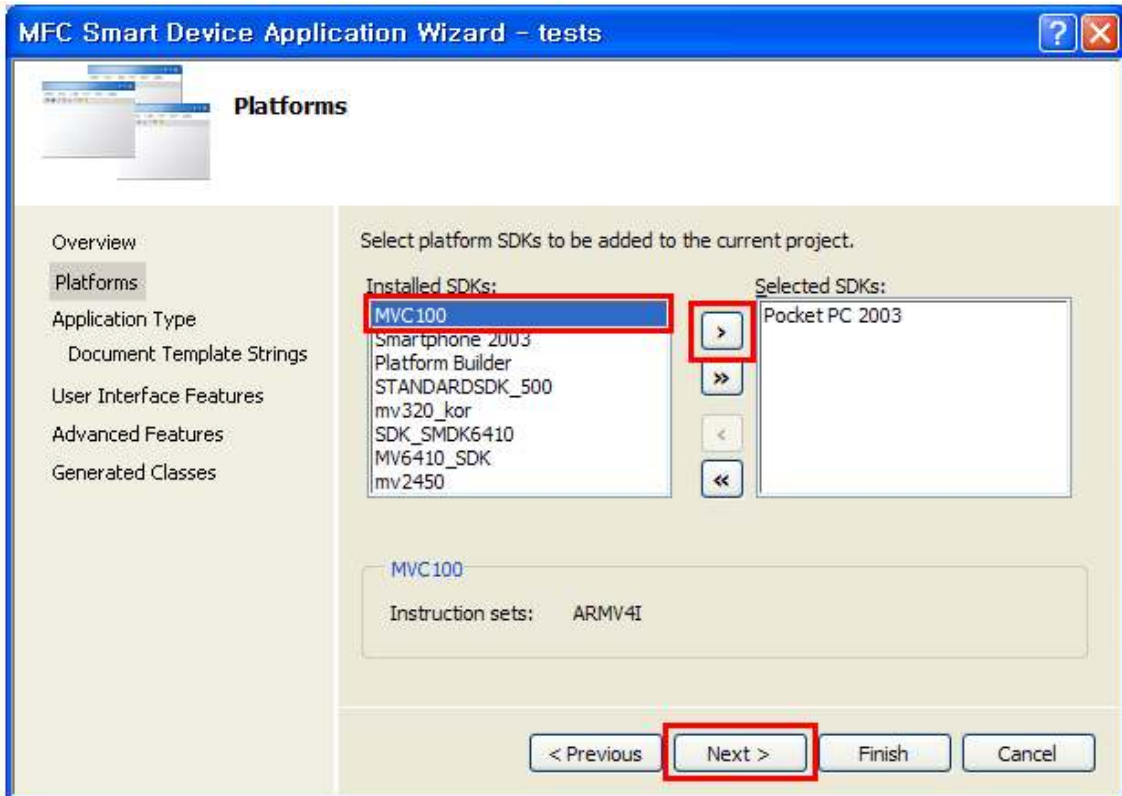
Select "Smart Device" -> "MFC Smart Device Application" -> Fill in name and then click "OK"



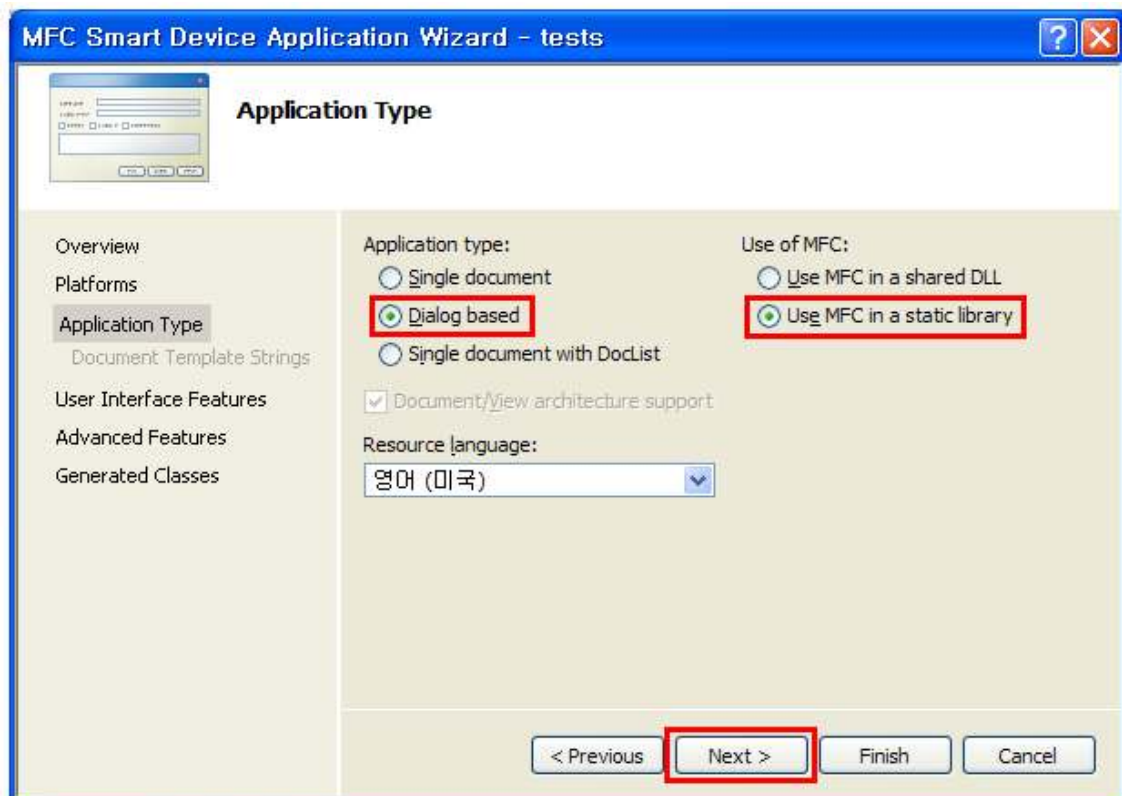
Click "NEXT"



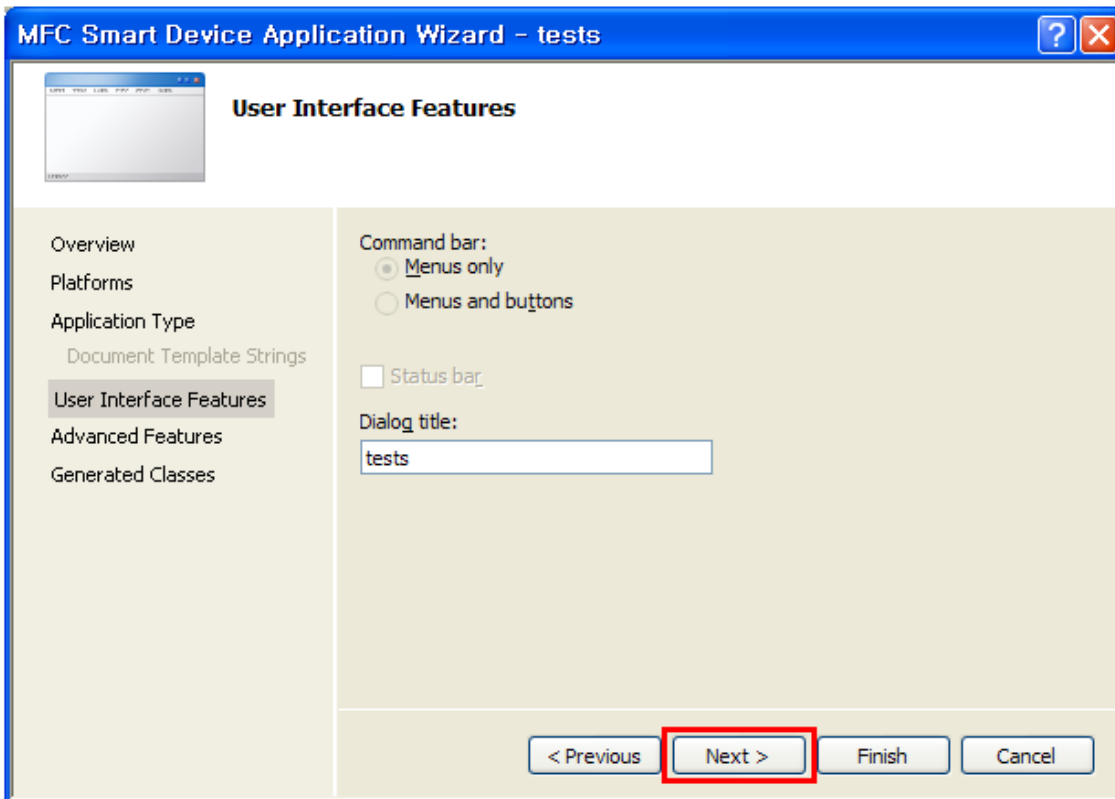
Select “MVC100” Press the button “>” and then click “NEXT”



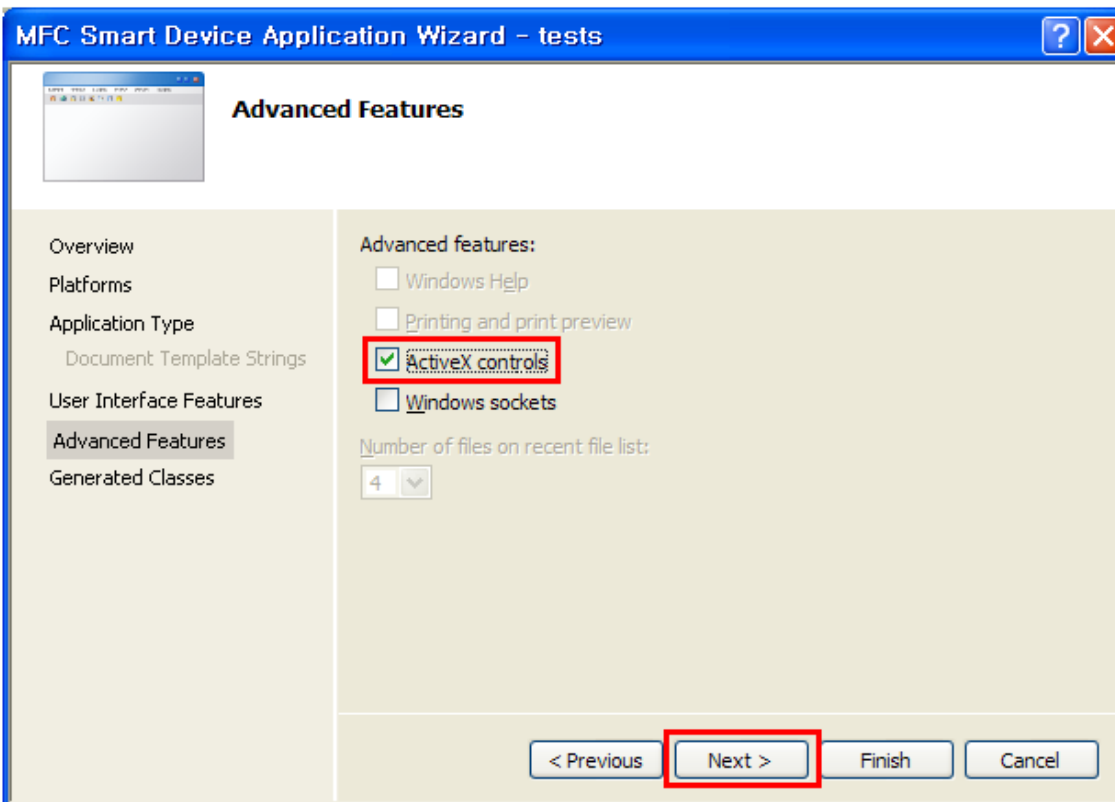
Select “Dialog based” , “Use MFC in a static library” and then click “NEXT”



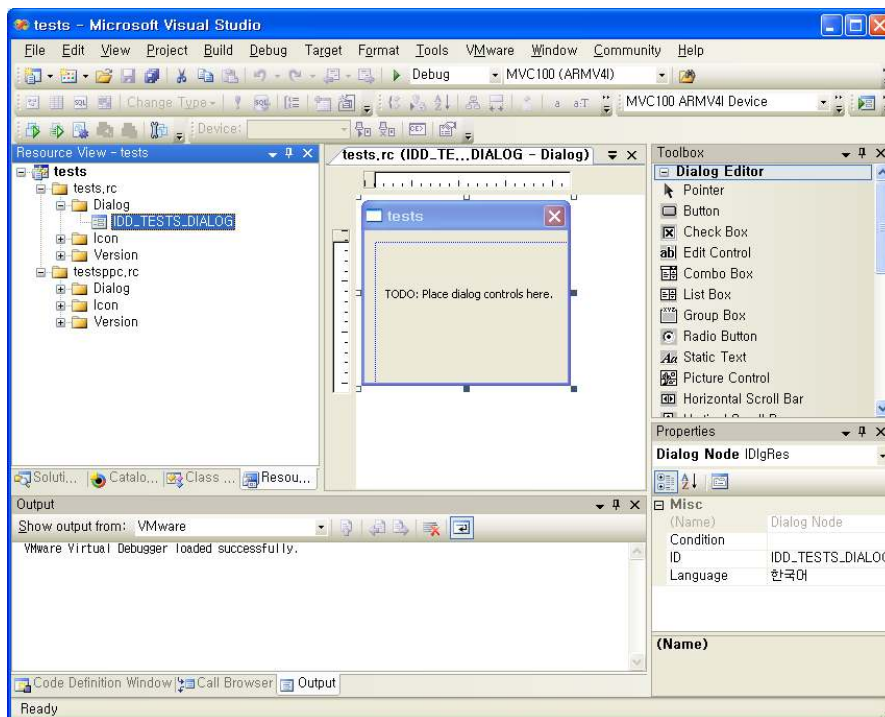
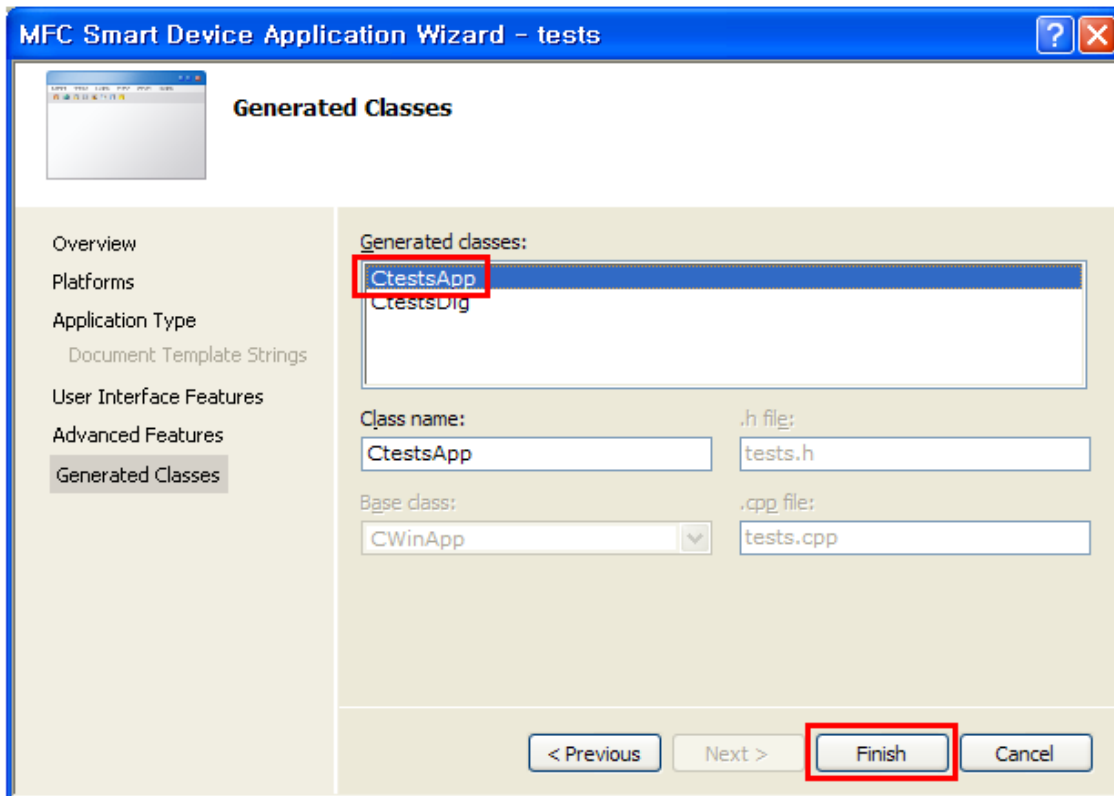
Click "NEXT"



Select "ActiveX controls" Click "NEXT"



Select "Ccamera\_testApp" Click" Finish"



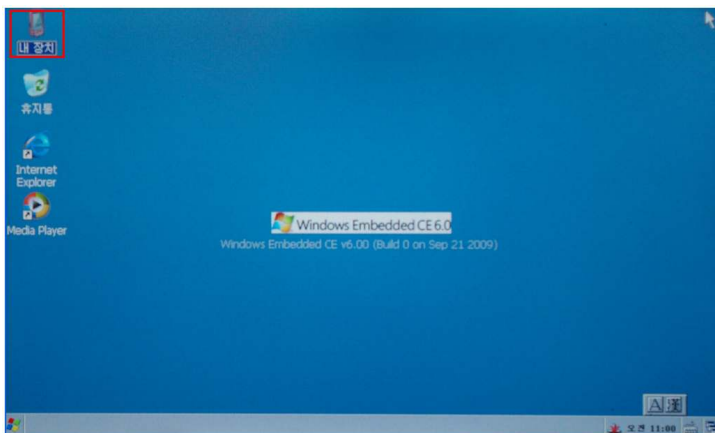
**Done**

### 5.3 To run the Camera

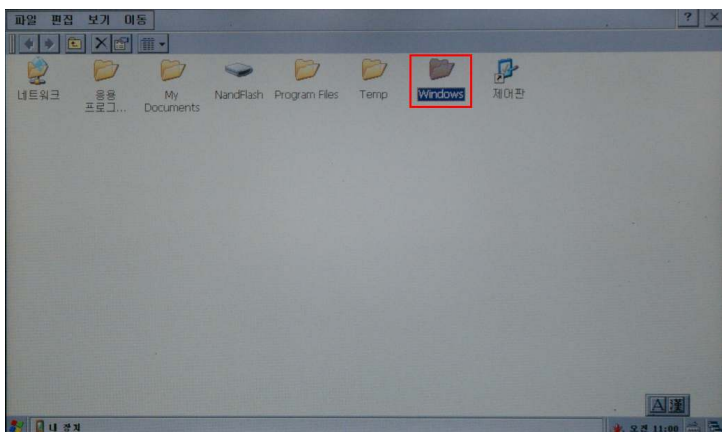
Connect on the Base Board Camera through Camera Cradle Cable



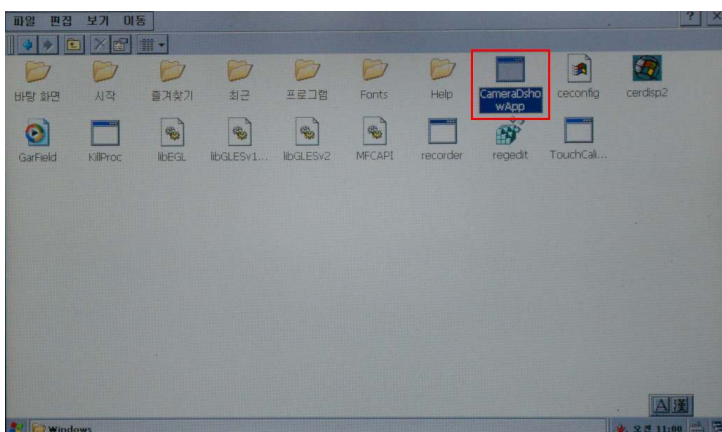
Click "My Device"



Click "Windows"



Run "CameraDshowApp"



Click "OK"

