

Setup Guide DTKC16-EMS

YIC System
CS Team
Rev. 0.0



YIC System Co., Ltd.

Setup Guide

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1. Setup and Installation

1.1. Host PC Requirements

To interface with the **OPENice-C3200**, and to run the **CalmSHINE16** software, your host PC must meet the following requirements:

- MS-Windows 2000 /XP/ Vista (32bit)
- Hard disk drive with at least 100MB of available space.
- At least 256MB of available RAM
- USB port

1.2. Installing OPENice Software

1.2.1. S/W Installation Procedure

Under MS Windows, to install CalmSHINE16, follow this procedure:

1. Download the latest "CalmSHINE16" from Samsung Semiconductor website (smart card development tool). The location can be changed without notice. There are several install packages. Please ask the Samsung FAE which package to install for your target device.

<http://www.samsung.com/CalmSDK> or

http://www.samsung.com/global/business/semiconductor/products/microcontrollers/Products_Microcontrollers_SamsungDevelopmentTools_downloads.html)

2. Run the install package
3. Follow the installation wizard.
4. Reboot the host PC

For detail information, how to use CalmSHINE16 refer to the documents under

"..\Doc\ CalmSHINE16Plus_Manual_IDE.pdf" or "..\PDF\CalmSHINE16_manual.pdf"

1.3. Setting up OPENice Hardware

1.3.1. Install OPENice-C3200 USB Driver

After installing CalmSHINE16, you should install the OPENice-C3200 USB driver.

To do it,

1. Connect the 5V power adapter to OPENice-C3200 and switch on
2. Connect OPENice-C3200 to a host PC with the included USB cable

Then, Windows requests to install the OPENice-C3200 USB driver.

Select "Specify the USB driver location"

OPENice-C3200 USB driver is under "**..\ Driver\C3200 **"

**** Caution **:**

Please connect OPENice-C3200 directly to a host PC. DO NOT CONNECT IT THROUGH USB HUB

3. Reset the host PC.

1.3.2. OPENice-C3200 USB Driver setup example (Windows XP)

1. Connect OPENice-C3200 to a host PC
2. MS Window will detect the USB connection and request to install the USB driver.
3. If "Welcome to the Found New Hardware Wizard" window appear,
Select "No, not this time" from the options available and then click "Next".
4. If "What do you want the wizard to do?" is asked, select "Install from a list or specific location (Advanced)" and then click "Next".
5. If "Please choose you search and installation options." is asked
Select "Search for the best driver in these locations" and browse to the folder where the USB driver has been installed and click "Next"
OPENice-C3200 usb driver: ..\ Driver\C3200
6. If Windows displays Microsoft WHQL certified driver warning window, click "Continue Anyway"
7. Reboot the PC after completion
8. Check that OPENice-C3200 driver is installed correctly in "Device Manager"

1.4. System Configuration

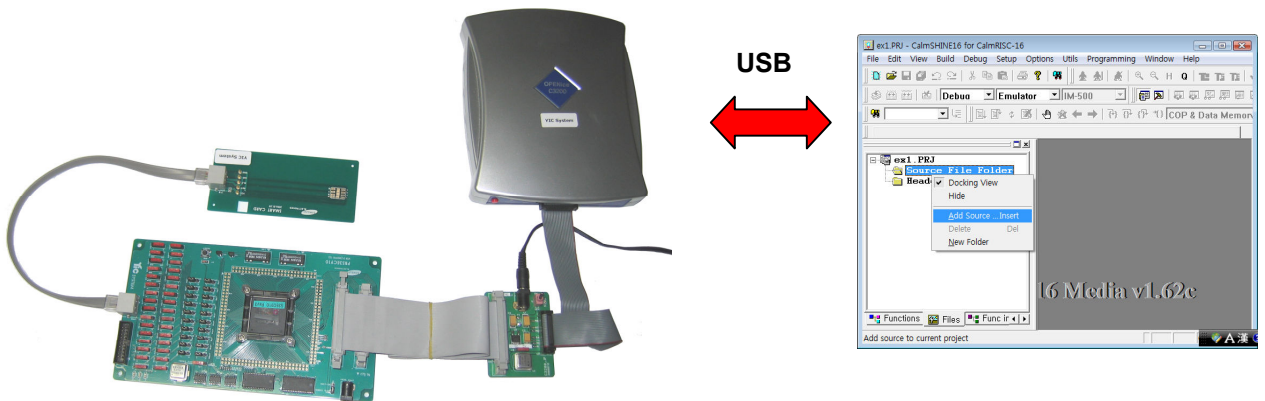
OPENice-C3200 can be connected to target PROBE in two ways.

YIC System recommend the case 1.

1. OPENice-C3200-> 20p cable -> I/F board -> 68p cable-> Target
2. OPENice-C3200-> 20p cable -> Target

Case 1. Using 68pin Cable

- The C3200 I/F board should be powered by an external power adapter
- 68pin cable should be connected to the CN2 of target PROBE



Case 2. Using 20pin Cable Only

- The target PROBE should be powered by an external power adapter
- The target CPU clock jumper(switch) should be set to the PROBE(Target) clock.

