# USB1.1 IP Core Setup

## Installation Guide



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| | |
|---|---|
| IP Core Version: | 1.7 |
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# About this Guide

## Introduction

This installation guide familiarizes you with the contents of the USB1.1 IP Core setup.

Table below shows the revision history of the installation guide.

| Version | Date | Description |
|---------|------|-------------|
| 1.0 | May 2015 | First release |

## How to Contact SLS

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| Information Type | E-mail |
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| Product literature services, SLS literature services, Non-technical customer services, Technical support. | support@slscorp.com |

# Contents

# Software Installation

This Installation Steps guides the user through the installation process of SLS USB1.1 IP Core.

☞ We assume that following software are installed on your pc.

- Windows 2000, XP
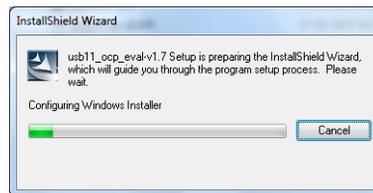- Quartus II 8.1, Nios II EDS 8.1

## Installing USB1.1 IP Core

The USB1.1 IP Core is provided as a setup for using it in various designs. Following steps shows the installation procedure for the IP Core setup file on your system.

### Step1: Preparing to Install

Double click on the **usb11_ocp_eval-v**<*IP Core Setup version#*>**.exe** file. It displays the message as shown in Figure- 1.

*Figure -1.  Install SLS USB1.1*

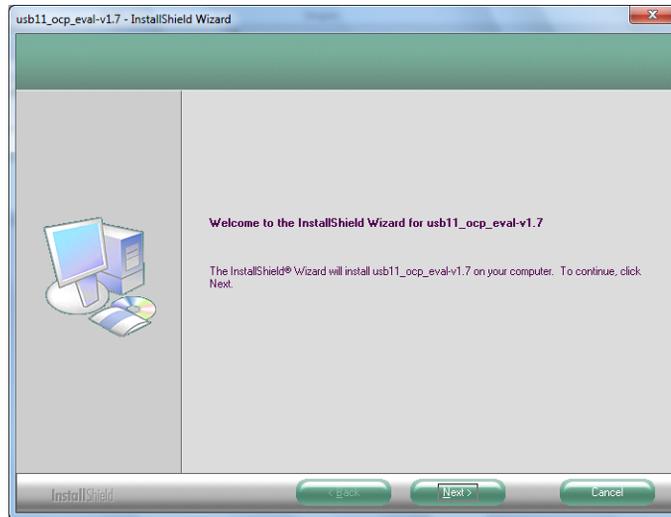### Step2: Welcome to the SLS USB1.1 IP Installation Wizard

Then the next window appears showing the message, '**Welcome to the Installshield Wizard for usb11_ocp_eval-v**<*IP Core Setup version#*>' appears as shown in Figure- 2. There are two options available, '**Next**' and '**Cancel**'. Choose the correct option as per the requirement.

**1.** Choose '**Next**' to continue the installation.

2. Choose '**Cancel**' to end the setup for installation. Selecting this option pops up a message window having options, '**Yes**' and '**No**'.

   • To continue the installation choose '**No**'.

   • To exit setup choose '**Yes**'.
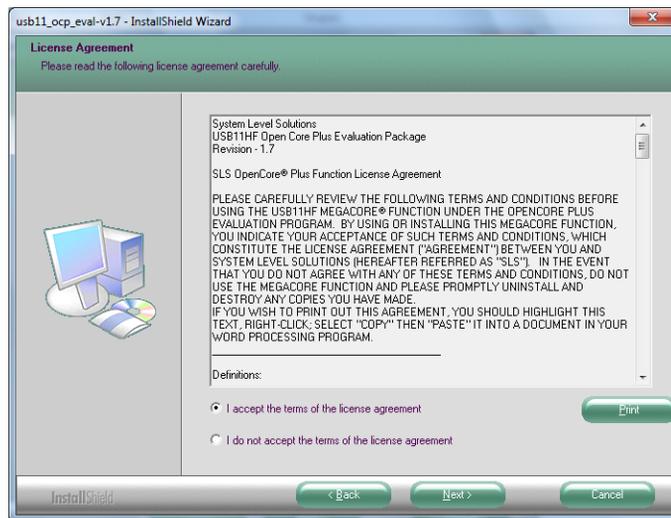
*Figure -2.  Welcome SLS USB1.1 IP Setup Wizard*



## Step3: License Agreement

The setup shows a "**License Agreement**" window. Accept the agreement in order to continue with setup. Select "**I accept the terms of license agreement**" option after reading the License terms as shown in Figure- 3.
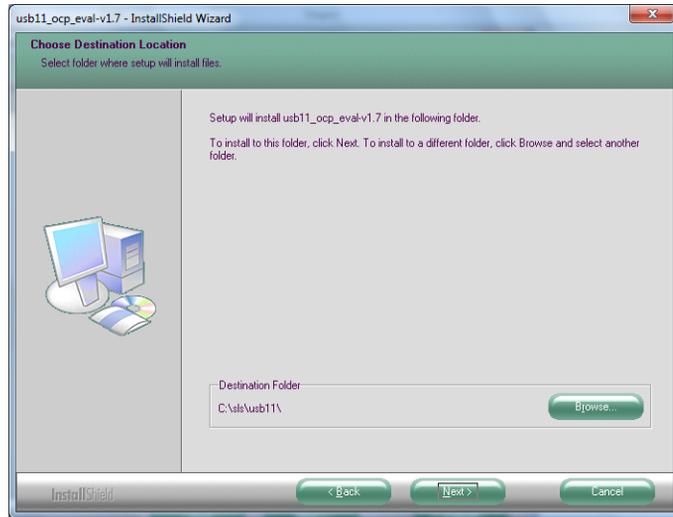
*Figure -3.    License Agreement*



## Step4: Choosing Destination Location

The "**Choose Destination Location**" window appears asking the installation directory for USB1.1 IP Core. See Figure- 4. For installing to a different folder, click "**Browse**" button. Choose '**Next**' to continue the setup.
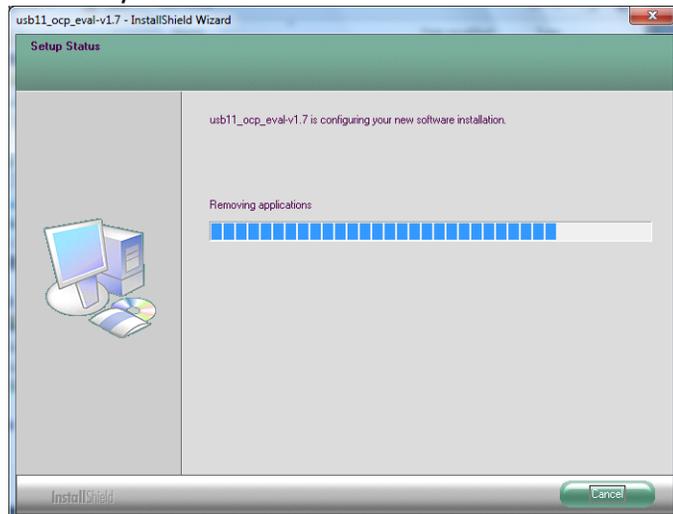
*Figure -4.    Choose Destination Location*



## Step5: Start Copying the Program Files

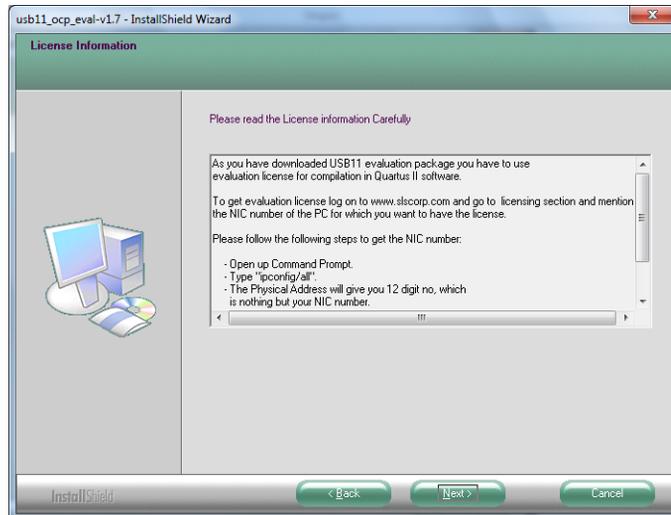It starts copying the IP Core files to the directory selected. See Figure- 5.

*Figure -5.    Setup Status*

## Step5: License Information

After copying the files, the "**License Information**" window explaining the steps to request the license for IP Core. See Figure- 6. Choose '**Next**' to go to finish window.
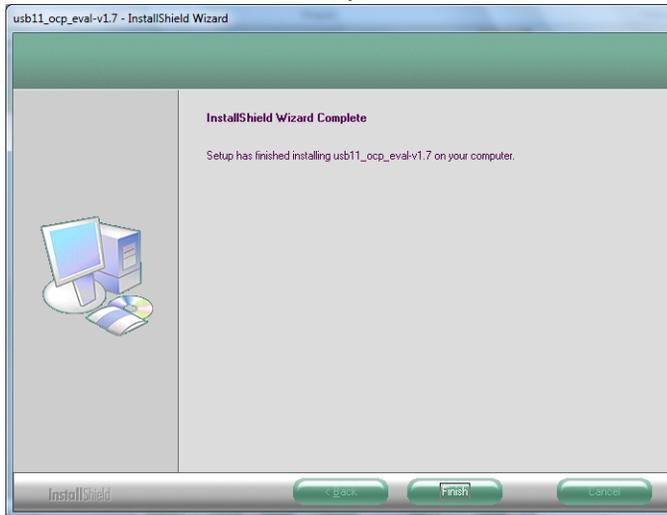
*Figure -6.    License Information*



## Step6: Finish Installation

As the installation completes, last window will appear as shown in Figure- 7. Choose '**Finish**' to exit from the installation window.
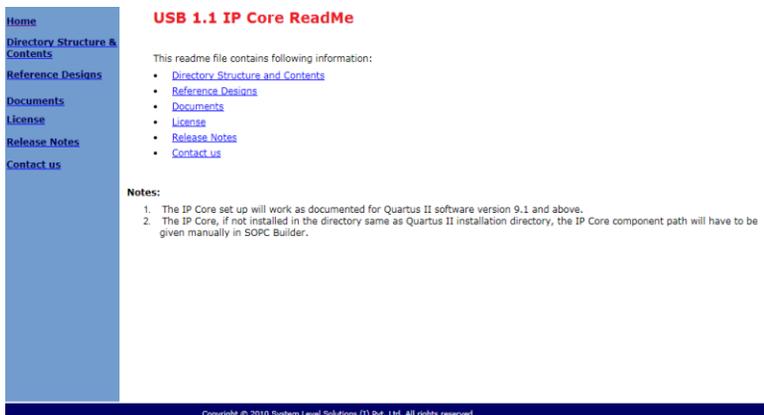
*Figure -7.    Installshield Wizard Complete*



## Step7: SLS USB1.1 ReadMe

After successful installation of the SLS USB1.1 IP Core, it opens the ReadMe
file. See Figure- 8.

*Figure 8.   SLS USB1.1 IP Core After Installation*

☞ To verify the proper installation of USB1.1 IP core, make sure that the installed IP Core directory structure is same as the directory structure specified in the ReadMe file.

Table 1 lists USB1.1 installation directory content and their description. The default Windows installation directory is **c:\sls**.

*Table 1.   Installed Directory Contents*

| Directory Name | Description of Contents |
|---|---|
| documents | Contains USB1.1 User Guide, Tutorial, Windows 32 API User Guide, Nios II HAL API User Guide and readme help files. |
| embedded | Contains sample source files for applications with Nios II. |
| example | Contains Nios II source files. Nios II includes sample source files for Portinterface application. |
| hardware | Contains encrypted USB 1.1 IP Core design files, demonstrations files using the core, ready to use reference designs for the core and precompiled library for simulation. |
| ref_design | Contains ready to use reference designs for UP3 Education Kit (EP 1C12). |
| software | Contains SLSUSB driver files for Windows and Linux with application examples. |
| driver | Contains SLSUSB driver for Linux as well as Windows. |
| example | Contains USB 1.1 examples for Linux and Windows. |
| library | Contains USB 1.1 software libraries. |
| utilities | Contains USB 1.1 utilities. enumdataeditor, portinterface and usbview applications for windows 2000/XP. |