I^{2}S Controller IP Core Setup

Installation Guide

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About this Guide

Introduction

This installation guide familiarizes you with the contents of the I^2S Controller 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

For the most up-to-date information about SLS products, go to the SLS worldwide website at http://www.slscorp.com. For additional information about SLS products, consult the source shown below.

Information Type	E-mail
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 I^2S Controller IP Core.

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

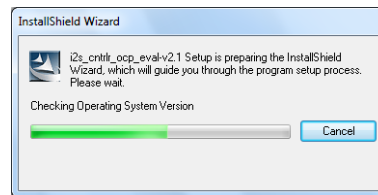- Windows 2000, XP
- Quartus II 8.1, Nios II EDS 8.1

Installing I^2S Controller IP Core

The I^2S Controller 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 **i²s_cntrlr_ocp_eval-v**<*IP Core Setup version#*>**.exe** file. It displays the message as shown in Figure- 1.

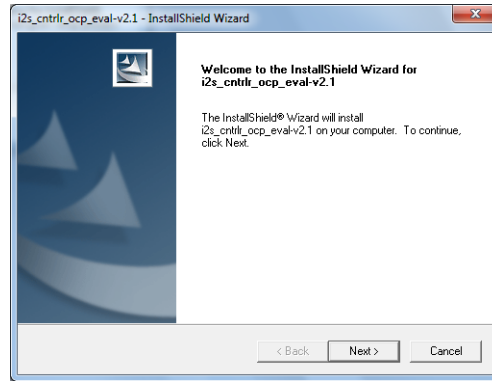*Figure -1.   Install SLS I^2S Controller*

Step2: Welcome to the SLS I^2S Controller IP Installation Wizard

Then the next window appears showing the message, '**Welcome to the SLS i²s_cntrlr_ocp_eval-v**<*IP Core Setup version#*> **Installshield Wizard**' appears as shown in Figure- 2. There are three options available, '**Back**', '**Next**' and '**Cancel**'. Choose the correct option as per the requirement.

1. Choose '**Back**' to go to previous window.

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

3. 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 I²S Controller 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.
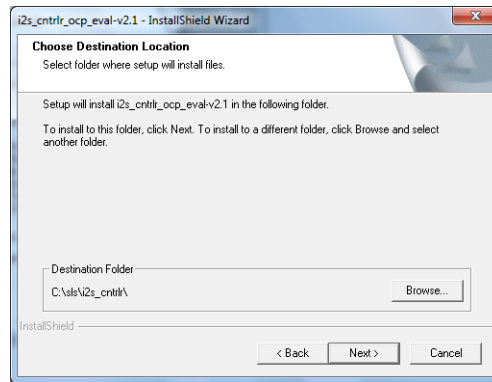
Figure -3. License Agreement

Step4: Choosing Destination Location

The "**Choose Destination Location**" window appears asking the installation directory for I^{2}S Controller IP Core. See Figure- 4. For installing to a different folder, click "**Browse**" button. Choose '**Next**' to continue the setup.
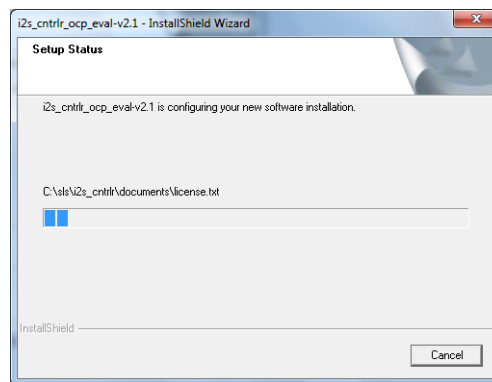
Figure -4.   Choose Destination Location

Step5: Start Copying the Program Files

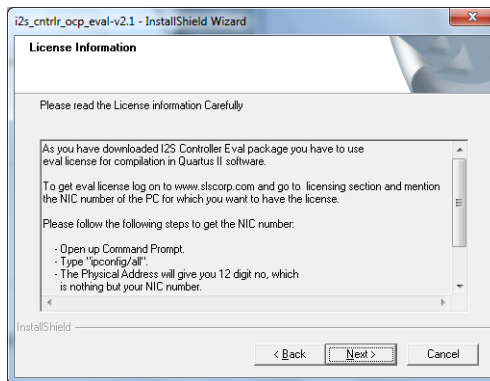It starts copying the IP Core files to the directory selected. See Figure- 5.

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.
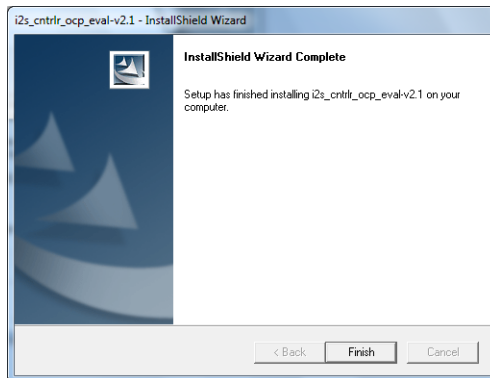
Figure -6.   License Information

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 I^{2}S Controller ReadMe

After successful installation of the SLS I^{2}S Controller IP Core, it opens the ReadMe file. See Figure- 8.

Figure 8.   SLS I^{2}S Controller IP Core After Installation

☞ To verify the proper installation of I^{2}S Controller 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 I^{2}S Controller IP Core 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 I^{2}S Controller User Guide, Tutorial and readme help files.
embedded	Contains sample source code for applications with Nios II.
example	Contains I^{2}S Controller configuration file.
hardware	Contains encrypted I^{2}S IP Core design files and ready to use reference designs for the core.

Table 1. *Installed Directory Contents*	
Directory Name	Description of Contents
component	Contains encrypted I^{2}S IP Core design files.
ref_design	Contains ready to use reference designs NEEK kit (Cyclone III 3C25).