eUSB30SF IP Core Setup

Installation Guide



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http://www.slscorp.com





Introduction

This installation guide familiarizes you with the contents of the eUSB30SF 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



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Software Installation

This Installation Steps guides the user through the installation process of SLS eUSB30SF IP Core.

We assume that following software are installed on your pc.

- Windows 7/8 with 32 bit or 64 bit OS
- Quartus II 13.0 SPI, Nios II EDS 13.0 SPI

The eUSB30SF 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 eusb30sf-v<*IP Core Setup version* #>.exe file. The setup preparation window appears as shown in Figure- 1.

Figure -1. InstallShield Wizard

InstallShield Wizard		
eusb30sf-v2.0 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.		
Checking Operating System Version		
Cancel		

Step2: Welcome to the SLS eUSB30SF IP Installation Wizard

Then the next window appears showing the message, 'Welcome to the SLS eusb30sf-v<*IP Core Setup version #>* Installshield Wizard'. See Figure- 2.

Installing eUSB30SF IP Core

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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 installation setup. 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 Screen



Step3: License Agreement

On choosing **Next**, the setup will show the "**License Agreement**". Read it and accept in order to continue with setup. Select "**I accept the terms of license agreement**" option and choose **Next** to continue the installation as shown in Figure- 3.

Figure -3. License Agreement

System Level Solutions eUSB30SF Open Core Plus Evaluation Package Revision - 2.0 SLS OpenCore® Plus Function License Agreement PLEASE CAREFULLY REVIEW THE FOLLOWING TERMS AND CONDITIONS BEFORE USING THE 40B303F MEGACORE® FUNCTION UNDER THE OPENCORE PLUS EVALUATION PROGRAM. BY USING OR INSTALLING THIS MEGACORE FUNCTION, YOU INDICATE YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS, WHICH CONSTITUTE THE LICENSE AGREEMENT ("AGREEMENT") BETWEEN YOU AND SYSTEM LEVEL SOLUTIONS (HEREAFTER REFERRED AS I accept the terms of the license agreement I accept the terms of the license agreement StallShield	Please read the following license agreement carefullu	
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Step4: Choosing Destination Location

The "**Choose Destination Location**" window appears asking the installation directory for eUSB30SF IP Core. See Figure- 4. For installing to a different folder, click "**Browse**" button. Choose '**Next**' to continue the installation.

Select folder where setup will in:	n stall files.
Setup will install eusb30sf-v2.0 i	n the following folder.
To install to this folder, click Nex another folder.	at. To install to a different folder, click Browse and select
Destination Folder	
Destination Folder C:\sls\eusb30sf\	Browse
Destination Folder C:\sls\eusb30sf\	Browse

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



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Step6: License Information

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

Figure -6. License Information

icense Information	
Please read the License information Carefully	
You have downloaded eUSB30SF IP Core package from SLS.You need a licer file to compile the design that uses the core in Quartus II software.	nse 🔺
SLS provides one (1) month evaluation license. You can generate time-limited programming files using this evaluation license file.	E
You can request the license by visiting the licensing section at www.slscorp.co You will require to enter the NIC ID of your PC in the online form to get the licen	m
Please follow the following steps to get the NIC number:	
- Open up Command Prompt.	-
•	F.

Step7: Finish Installation

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



Figure -7. Installshield Wizard Complete

Step8: SLS eUSB30SF ReadMe

After successful installation of the SLS eUSB30SF IP Core, it opens the ReadMe file as shown in Figure- 8.

Figure 8. SLS eUSB30SF IP Core After Installation



RP 1 To verify the proper installation of eUSB30SF 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 the eUSB30SF 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 eUSB30SF Tutorial, User Guide, Windows 32bit API User Guide and readme help files.	
embedded	Contains sample source files for applications with Nios II and Enumeration example for eUSB30SF IP Core.	
hardware	Contains encrypted eUSB30SF IP Core design files using the core, ready to use reference designs for the core and precompiled library for simulation.	
demo	Contains demonstrations which includes mass storage and enumeration demonstration files	
ref_design	Contains ready to use reference designs for eUSB30SF IP core. Qsys reference design for Altera Cyclone V GT Development Board.	

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Table 1. Installed Directory Contents		
Directory Name	Description of Contents	
software	Contains SLSeUSB30SF driver files for Windows with application examples.	
driver	Contains SLSeUSB30SF Driver files (system files, *.sys & INF files).	
example	Contains eUSB30SF example for Windows.	
library	Contains eUSB30SF libraries which includes .h header file, .lib (library file) and .dll for VC++ programming.	
utilities	Contains eUSB30SF utilities which includes USBView application for Windows XP/7.	