

# **EEM211 SAYISAL MANTIK TASARIMI DERSİ LABORATUVAR PROGRAMI KURULUM BELGESİ**

## **İÇİNDEKİLER**

**KAYIT İŞLEMİNİN GERÇEKLEŞTİRİLMESİ**

**XILINX PROGRAMININ KURULMASI**

**DIGILENT PROGRAMININ KURULMASI**

**HAZIRLAYAN: DOÇ. DR. HAMİT ERDEM  
ARAŞ. GÖR. GENCER TULAY**

## KAYIT İŞLEMİNİN GERÇEKLEŞTİRİLMESİ

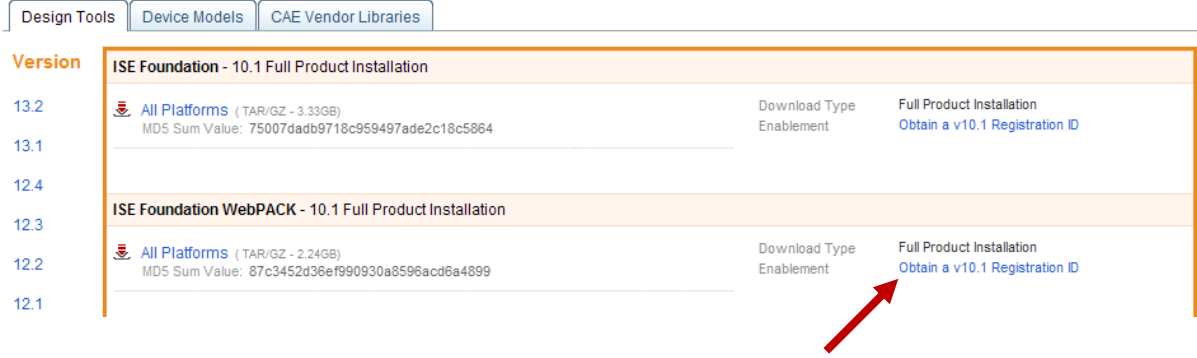
1- Xilinx programını bilgisayarınıza kurabilmeniz için öncelikle programın web sayfasından kullanıcı kaydınızı yaptırmanız gerekmektedir. <http://www.xilinx.com> sitesine giriniz, sağ üstteki “Downloads” linkine tıklayınız.



2- Soldaki “Version” linkinden “10.1” i seçiniz.

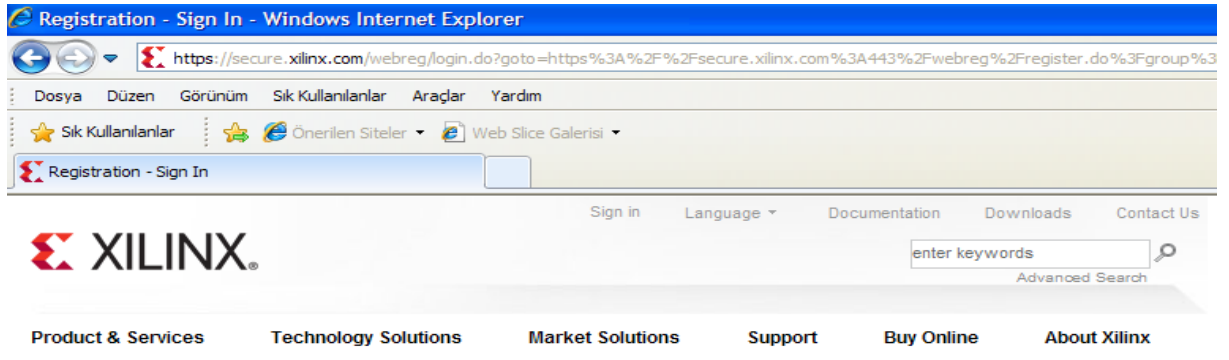


3- “ISE Foundation WebPACK - 10.1 Full Product Installation” altındaki “Obtain a v10.1 Registration ID” linkine tıklayınız.



Version	ISE Foundation - 10.1 Full Product Installation	Download Type	Full Product Installation
13.2	All Platforms (TAR/GZ - 3.33GB) MD5 Sum Value: 75007dadb9718c959497ade2c18c5864	Enablement	Obtain a v10.1 Registration ID
13.1			
12.4			
12.3			
12.2	All Platforms (TAR/GZ - 2.24GB) MD5 Sum Value: 87c3452d36ef990930a8596acd6a4899	Enablement	Obtain a v10.1 Registration ID
12.1			

4- Açılan sayfada “Create Account” a tıklayınız.



Registration - Sign In - Windows Internet Explorer

https://secure.xilinx.com/webreg/login.do?goto=https%3A%2F%2Fsecure.xilinx.com%3A443%2Fwebreg%2Fregister.do%3Fgroup%3

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Sık Kullanılanlar Önerilen Siteler Web Slice Galerisi

Registration - Sign In

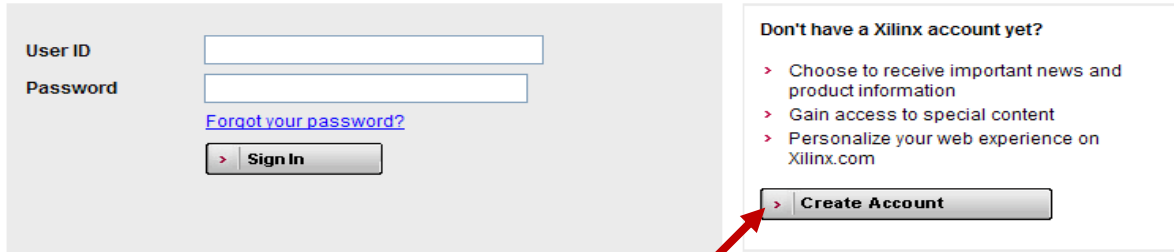
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Sign in to the Xilinx Licensing Site



User ID

Password

[Forgot your password?](#)

[Sign In](#)

Don't have a Xilinx account yet?

- > Choose to receive important news and product information
- > Gain access to special content
- > Personalize your web experience on Xilinx.com

[Create Account](#)

5- Açılan sayfaya bilgilerinizi giriniz (Türkçe karakter kullanmayınız.). Bu işlem sonunda size bir aktivasyon maili gelecektir.

Registration - Create Account/Password - Windows Internet Explorer

https://secure.xilinx.com/webreg/createUser.do?goto=https%3A%2F%2Fsecure.xilinx.com%3A443%2Fwebreg%2Fregister.do%3Fgrc

Dosya Düzen Görünüm Sık Kullanılanlar Araçlar Yardım

Sık Kullanılanlar Önerilen Siteler Web Slice Galerisi

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## Create Account and Password

To complete your account creation, a validation e-mail will be sent to you.

Fields marked with an asterisk \* are required.

User ID *	<input type="text"/>
Corporate Email *	<input type="text"/>
Password *	<input type="password"/>
Re-type Password *	<input type="password"/>
First Name *	<input type="text"/>
Last Name *	<input type="text"/>

[> Create Account](#)

**Instructions**

Your password must be at least 7 characters long and contain at least 1 number.

6- Gelen maildeki linke tıklayınız.

## Sign in to Download File

User ID	<input type="text"/>
Password	<input type="password"/>
	<a href="#">Forgot your password?</a>
	<a href="#">&gt; Sign In</a>

Kullanıcı bilgilerinizi yukarıdaki ekrana girdikten sonra açılan sayfayı kendi bilgilerinize göre doldurunuz.

## Product Licensing

US export regulations require that your First Name, Last Name, Company Name and Shipping Address be verified before Xilinx can fulfill your request. Please provide accurate and complete information for immediate processing. Sorry, addresses with **Post Office Boxes** and names / addresses with **Non-Roman Characters** with accents such as grave, tilde or colon are not supported by US export compliance systems.

Fields marked with an asterisk \* are required.

First Name *	<input type="text" value="gencer"/>
Last Name *	<input type="text" value="tulay"/>
Department	<input type="text" value="electrical and electronics"/>
Industry *	<input type="text" value="Academic/Research"/>
Address 1 *	<input type="text" value="Eskisehir yolu"/>
Address 2	<input type="text" value=""/>
City *	<input type="text" value="Ankara"/>
Postal/Zip Code *	<input type="text" value="06530"/>
Country *	<input type="text" value="Turkey"/>
State/Province	<input type="text" value="Select One"/>
	<input type="text" value="N/A"/> <a href="#">help</a>
Phone (include area code) *	<input type="text" value="3122341010"/>
Fax (include area code)	<input type="text" value=""/>
Corporate Email	<input type="text" value="gencert@baskent.edu.tr"/>
<a href="#">Update profile</a>	
Company/Organization *	<input type="text" value="Baskent University"/>

☐ [Email Announcements, Updates and Newsletter](#)

[Next](#)

7-

## Product Licensing

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NOTE: If you are beginning a new design, please use the latest version of the ISE Design Suite products. If you require ISE Design Suite version 10.1 or earlier to support an existing design, you may register prior versions of the ISE Design Suite from this tab.

For 10.1 version products, please select the products to license from the table below and click "Register". For 9.2 and earlier version products, please click on one of the following links to obtain a product Registration ID:

[Obtain a Registration ID for 9.2 and 9.1](#)

[Obtain a Registration ID for 8.2 and 8.1](#)

[Obtain a Registration ID for 7.1 or earlier including ISE Classics](#)

If you have questions or need help, please contact [Software Customer Service](#) for assistance.

[Obtain a Registration ID for 9.2 and 9.1](#) linkine tıklayınız.

## 9.2 and 9.1 Software Registration ID Request

Fields marked with an asterisk \* are required.

Corporate Email	<input type="text" value="gencert@baskent.edu.tr"/>
<a href="#">Update profile</a>	
Department *	<input type="text" value="electrical and electronics"/>
Address 1 *	<input type="text" value="Eskisehir yolu"/>
Address 2	<input type="text"/>
City *	<input type="text" value="Ankara"/>
State/Province *	<input type="text" value="N/A"/>
Postal/Zip Code *	<input type="text" value="06530"/>
Country *	<input type="text" value="Turkey"/>
Phone (include area code) *	<input type="text" value="3122341010"/>
Fax (include area code)	<input type="text"/>
Company/Organization *	<input type="text" value="Baskent University"/>
<a href="#">+ Email Announcements, Updates and Newsletter</a>	

> **Next**

Açılan sayfayı kendi bilgilerinize göre düzenleyin.

## 9.2 and 9.1 Software Registration ID Request

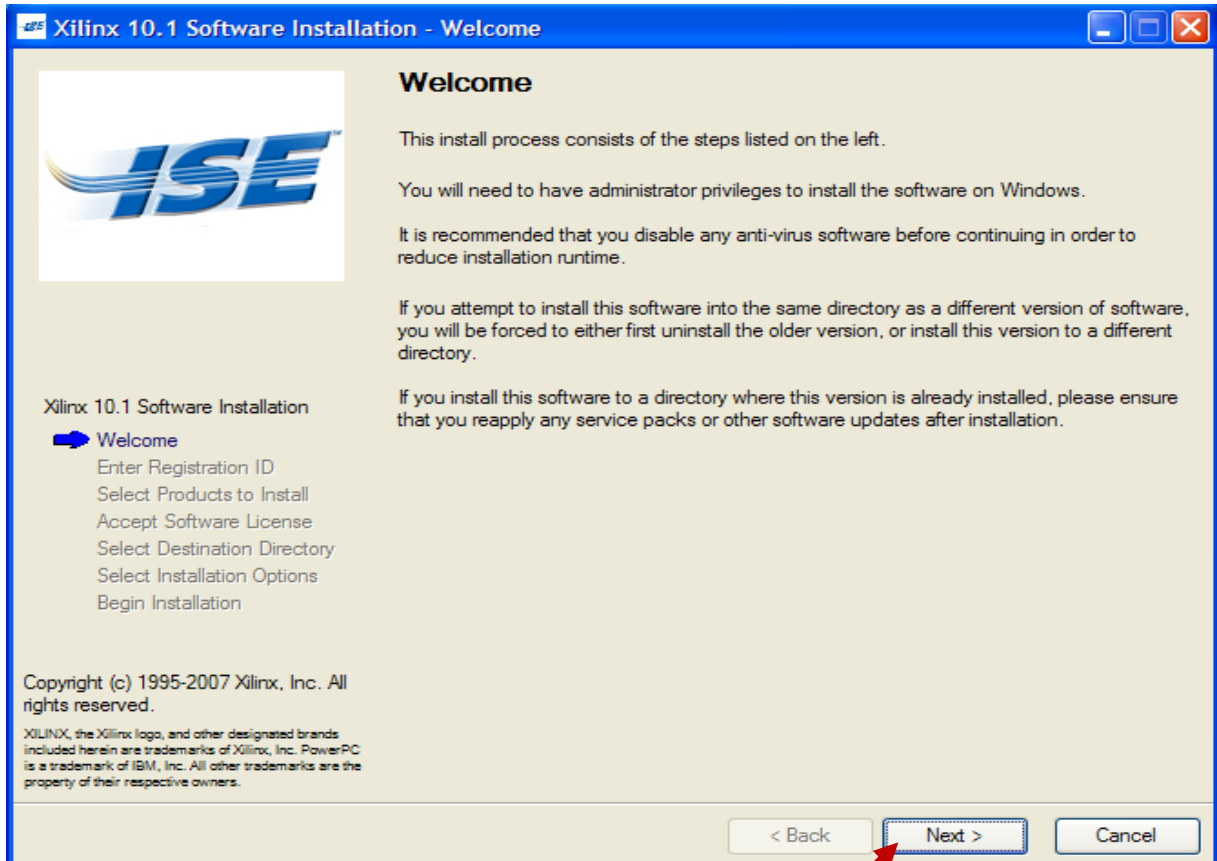
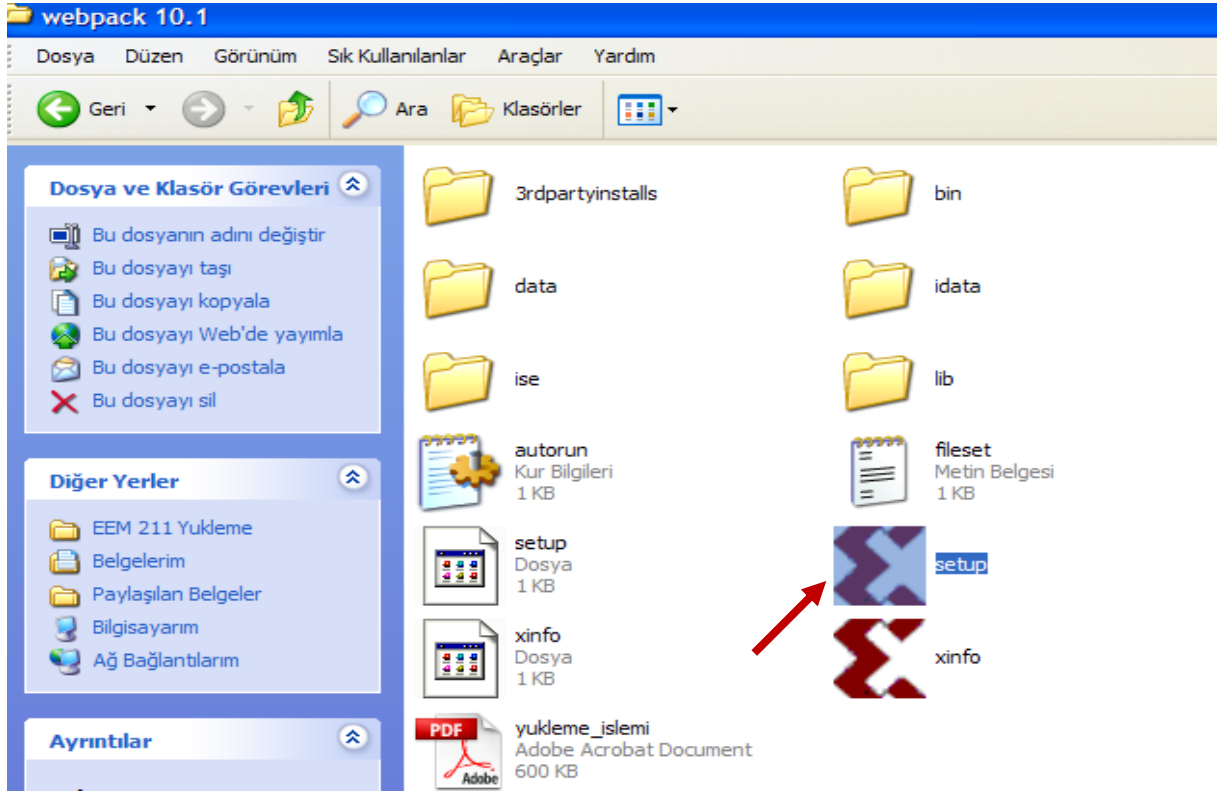
Fields marked with an asterisk \* are required.

Project Name *	<input type="text" value="Eng. EEM211 Lab Works"/>
Xilinx SW Version required for project *	<input type="text" value="9.1"/>
Please list all Xilinx Target Devices in project *	<input type="text" value="Spartan 3A Starter Kit"/>
Which additional software applications are required in your design? *	<input checked="" type="checkbox"/> ISE Foundation <input checked="" type="checkbox"/> WebPACK <input type="checkbox"/> EDK <input type="checkbox"/> ChipScope <input type="checkbox"/> ISIM
<b>You must either be in warranty or have previously purchased this version of Xilinx software. Please give a brief explanation of why a new registration ID is required(e.g. Engineer left Company, Computer replaced etc.)</b>	
Registration ID Justification *	<input type="text" value="A New assistant attend to the course, that's why he needs to install the software to make new laboratory designs"/>

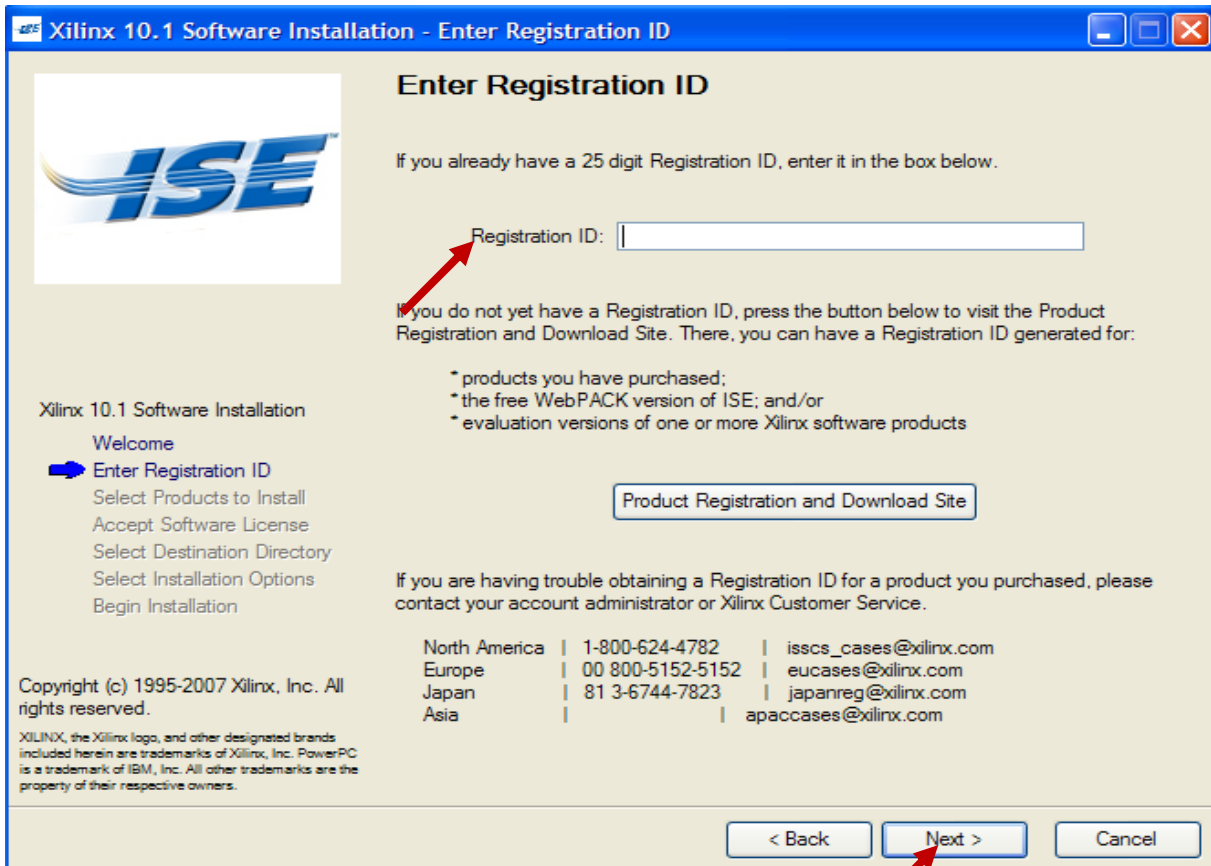
“Next” butonuna bastığınızda malinize kayıt numaranız gelecektir. Kayıt işleminiz bu şekilde tamamlanmıştır.

## XILINX PROGRAMININ KURULMASI

1- **webpack 10.1** klasöründeki **setup** dosyasını çalıştırınız.



2- Açılan sayfada **Registration ID** bölümüne mailinize gelen kayıt numarasını girin.



**Xilinx 10.1 Software Installation - Enter Registration ID**

**Enter Registration ID**

If you already have a 25 digit Registration ID, enter it in the box below.

Registration ID:

If you do not yet have a Registration ID, press the button below to visit the Product Registration and Download Site. There, you can have a Registration ID generated for:

- \* products you have purchased;
- \* the free WebPACK version of ISE; and/or
- \* evaluation versions of one or more Xilinx software products

[Product Registration and Download Site](#)

If you are having trouble obtaining a Registration ID for a product you purchased, please contact your account administrator or Xilinx Customer Service.

North America	1-800-624-4782	isscs_cases@xilinx.com
Europe	00 800-5152-5152	eucases@xilinx.com
Japan	81 3-6744-7823	japanreg@xilinx.com
Asia		apaccases@xilinx.com

**Xilinx 10.1 Software Installation**

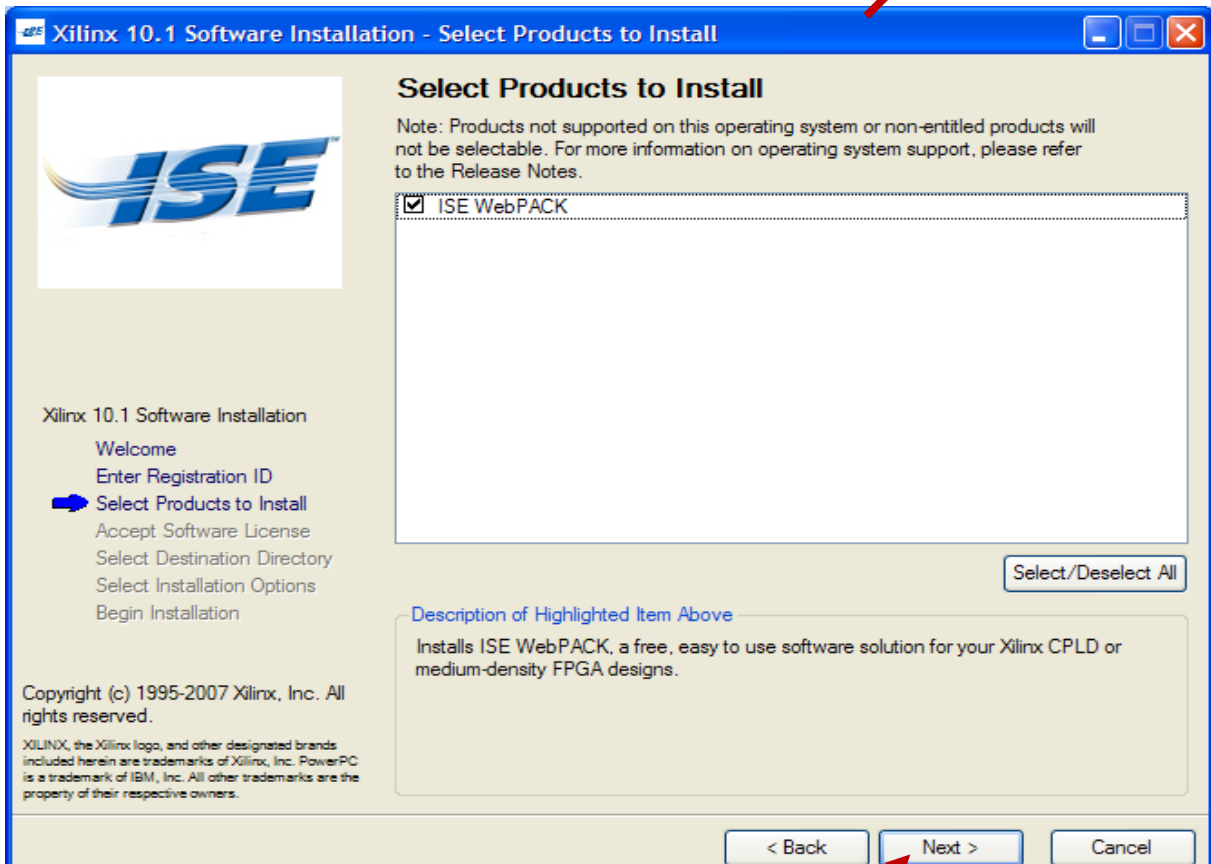
Welcome

- Enter Registration ID
- Select Products to Install
- Accept Software License
- Select Destination Directory
- Select Installation Options
- Begin Installation

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< Back **Next >** Cancel



**Xilinx 10.1 Software Installation - Select Products to Install**

**Select Products to Install**

Note: Products not supported on this operating system or non-entitled products will not be selectable. For more information on operating system support, please refer to the Release Notes.

☒ ISE WebPACK

[Select/Deselect All](#)

[Description of Highlighted Item Above](#)

Installs ISE WebPACK, a free, easy to use software solution for your Xilinx CPLD or medium-density FPGA designs.

**Xilinx 10.1 Software Installation**

Welcome

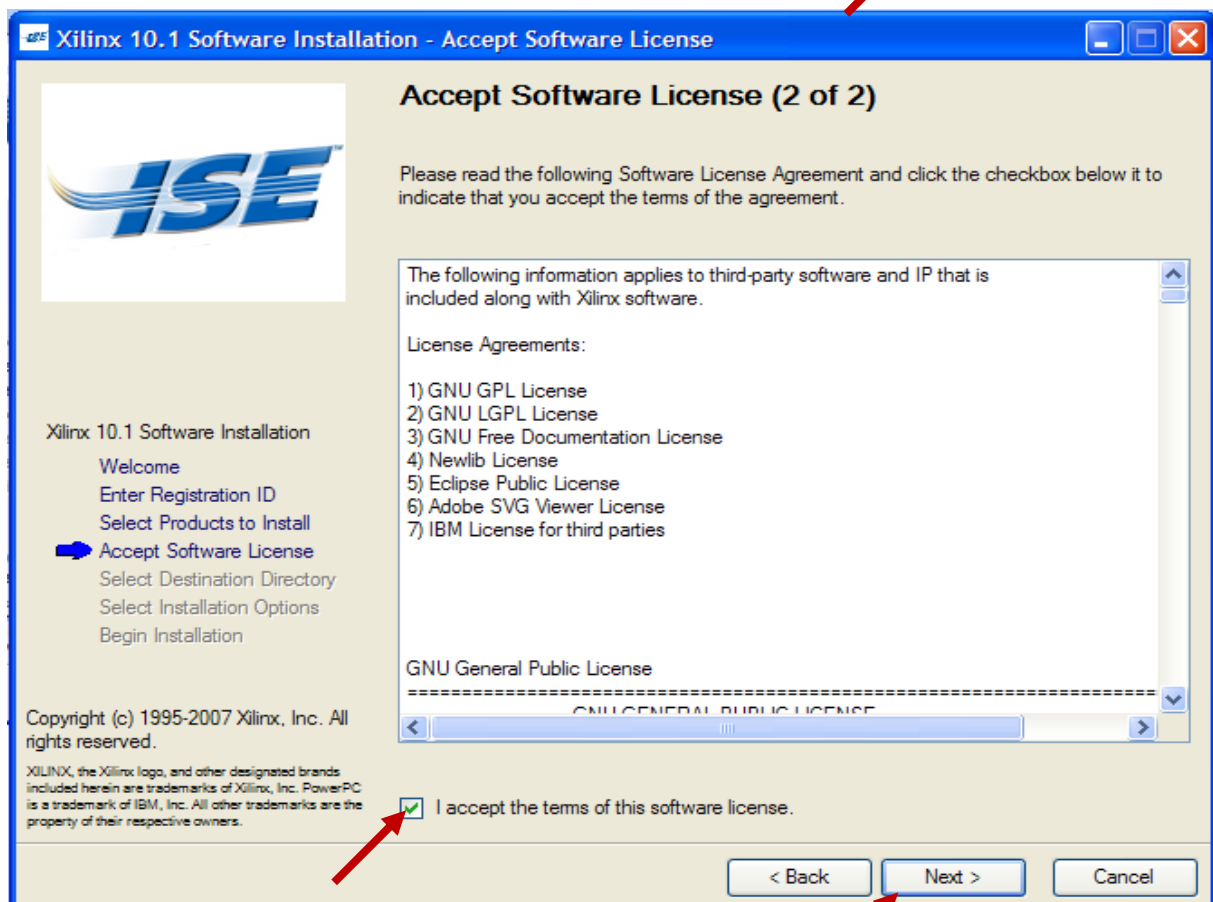
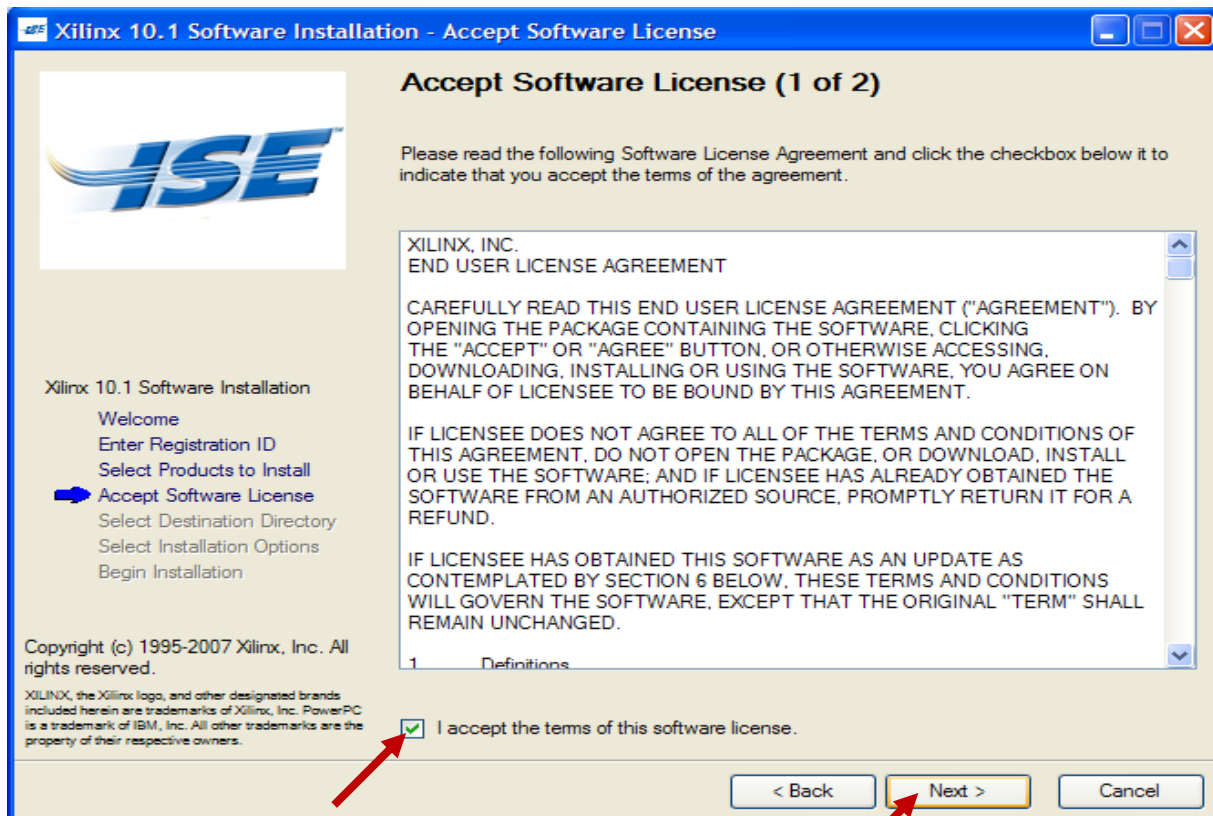
- Enter Registration ID
- Select Products to Install**
- Accept Software License
- Select Destination Directory
- Select Installation Options
- Begin Installation

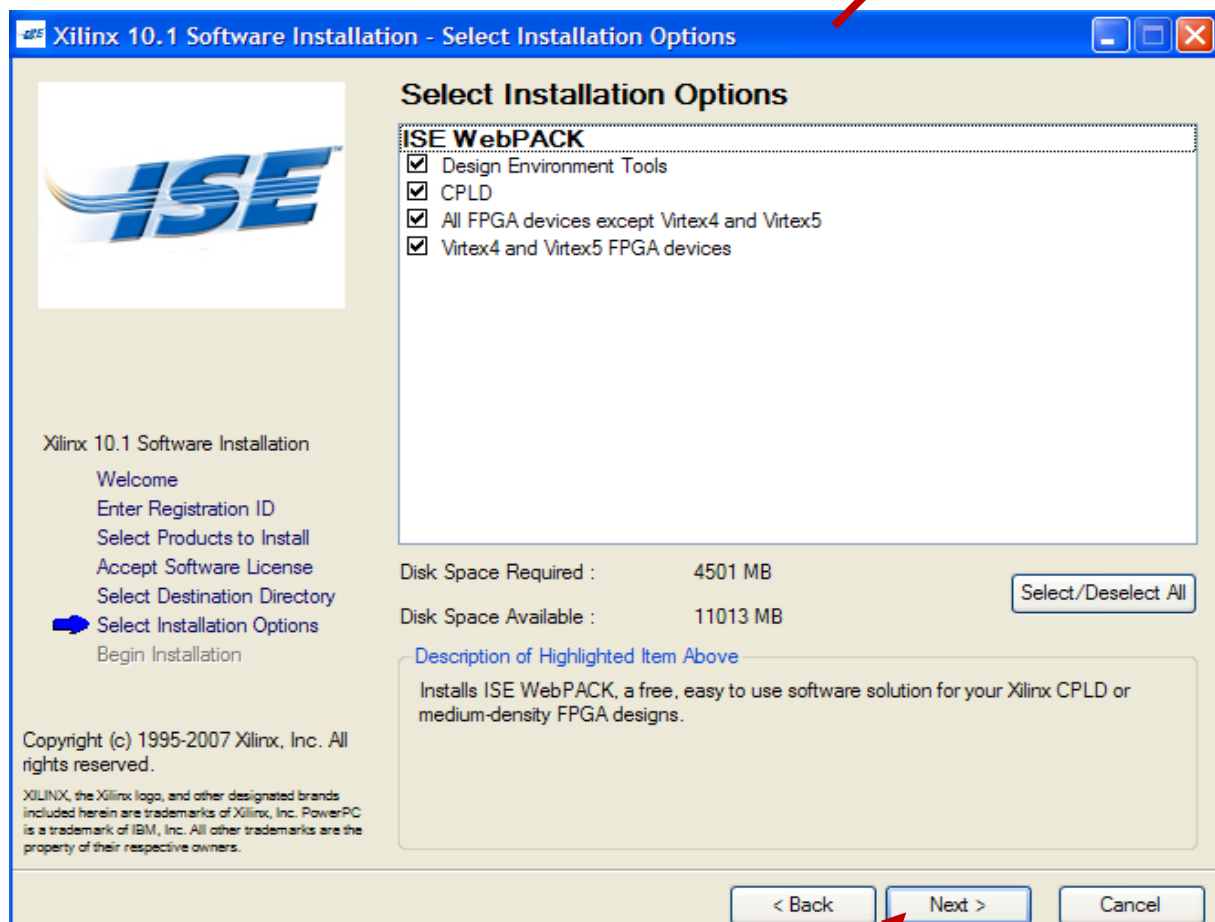
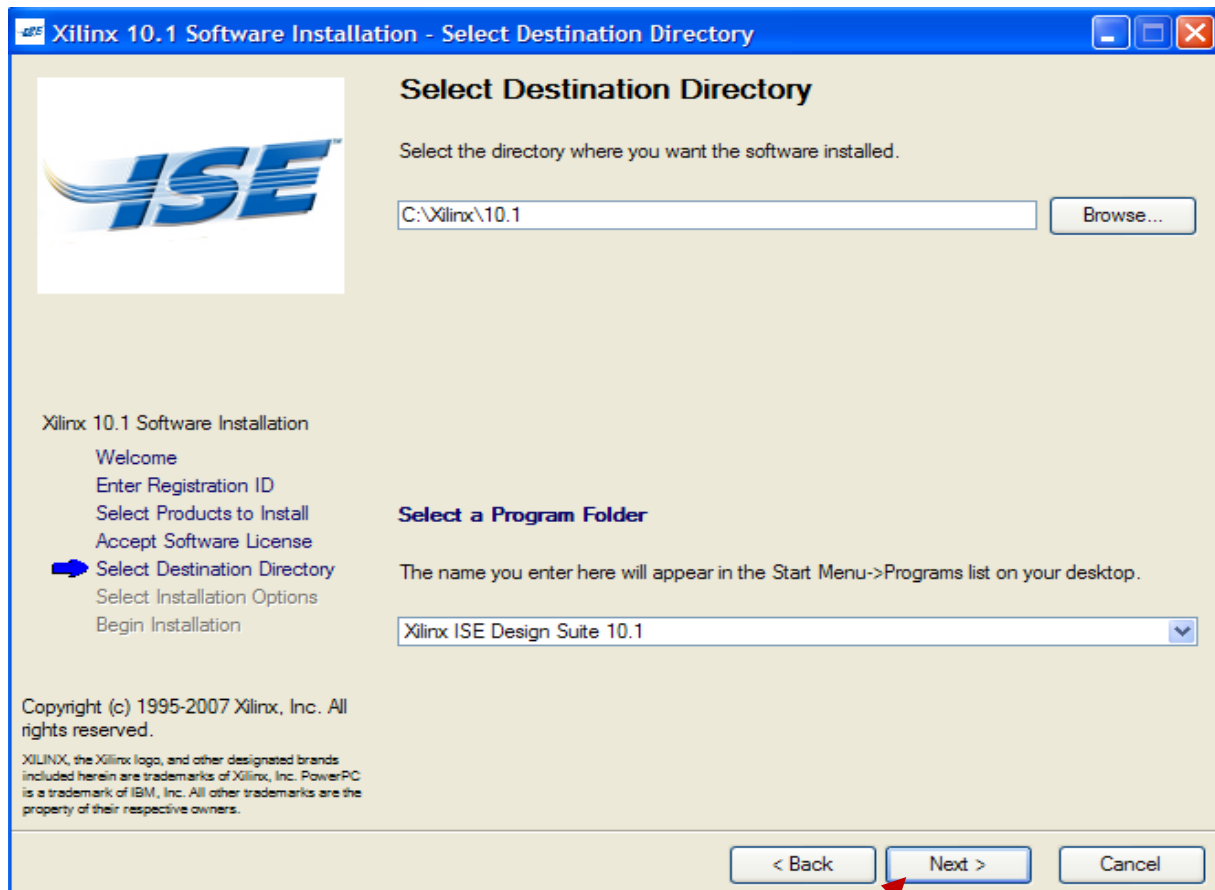
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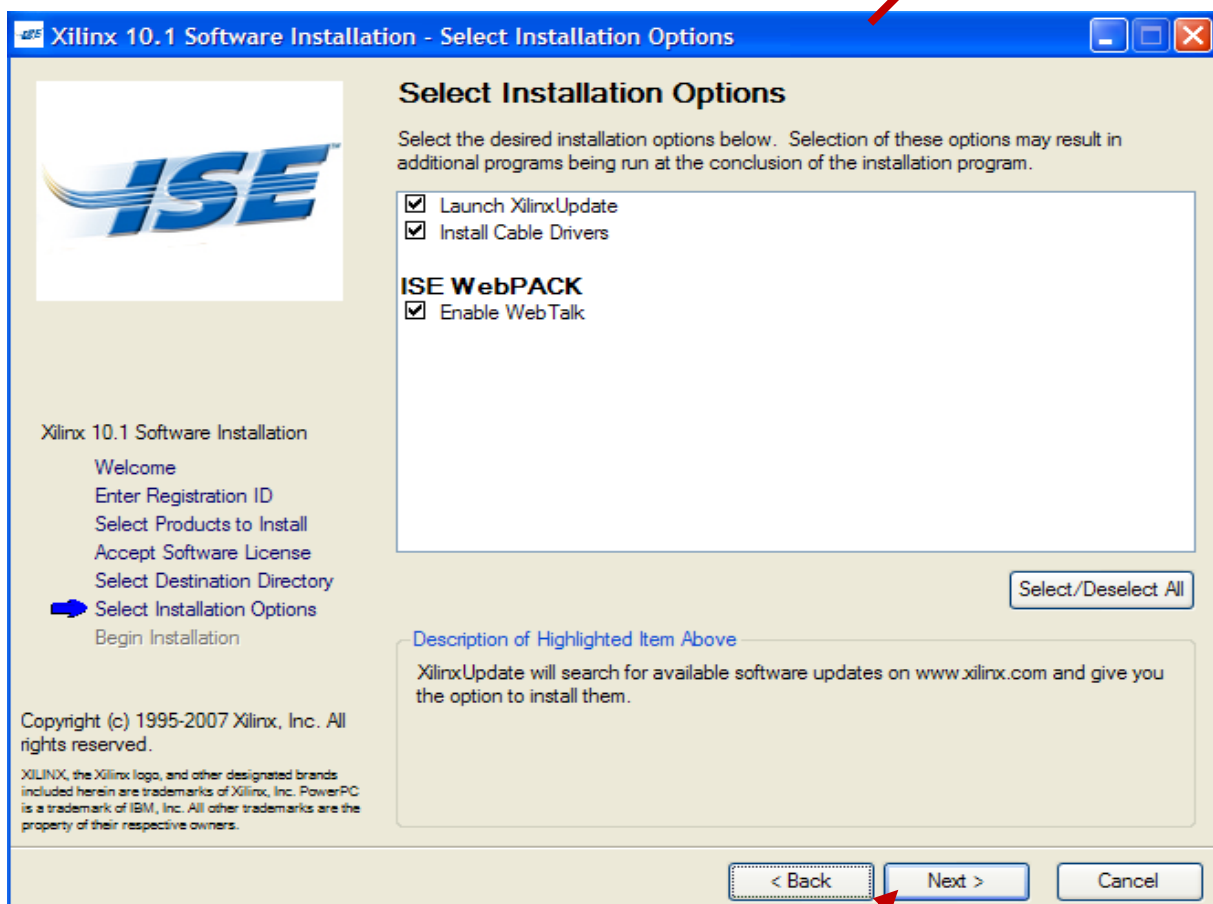
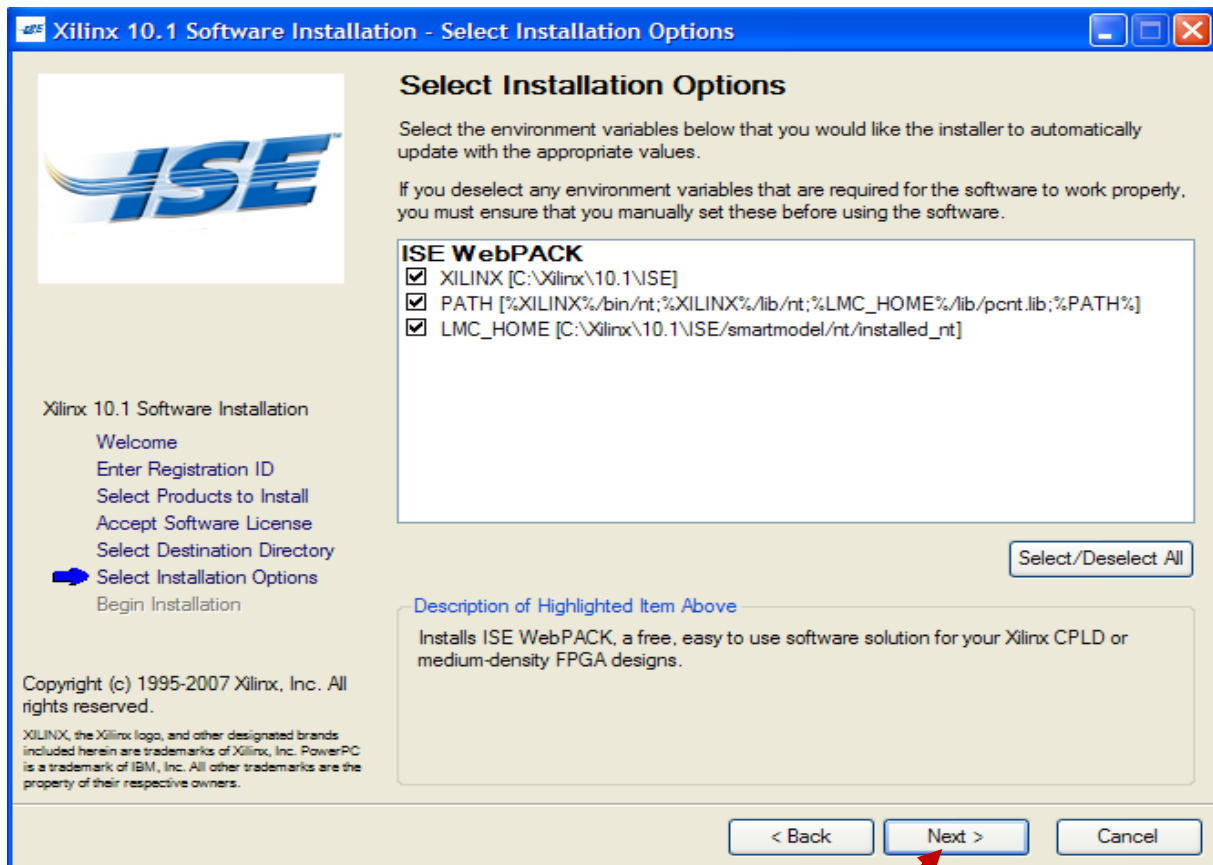
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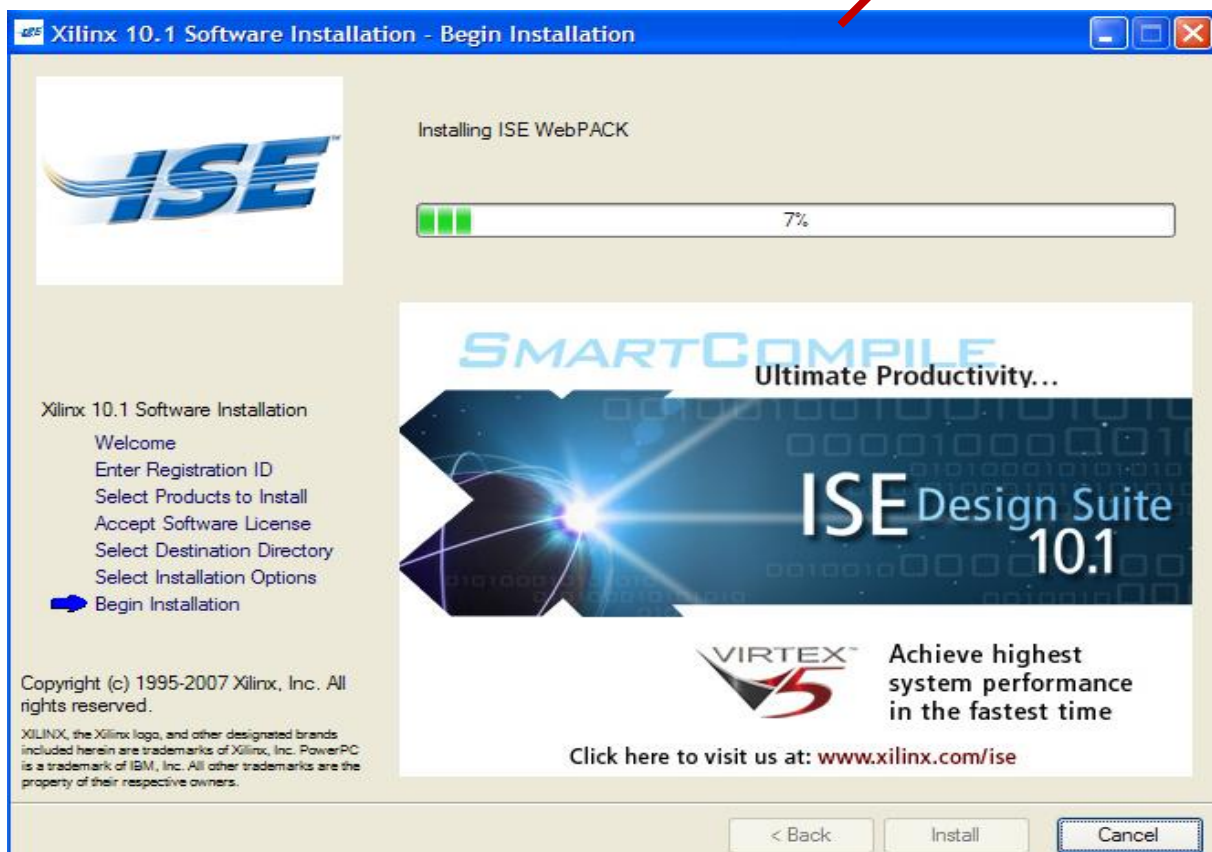
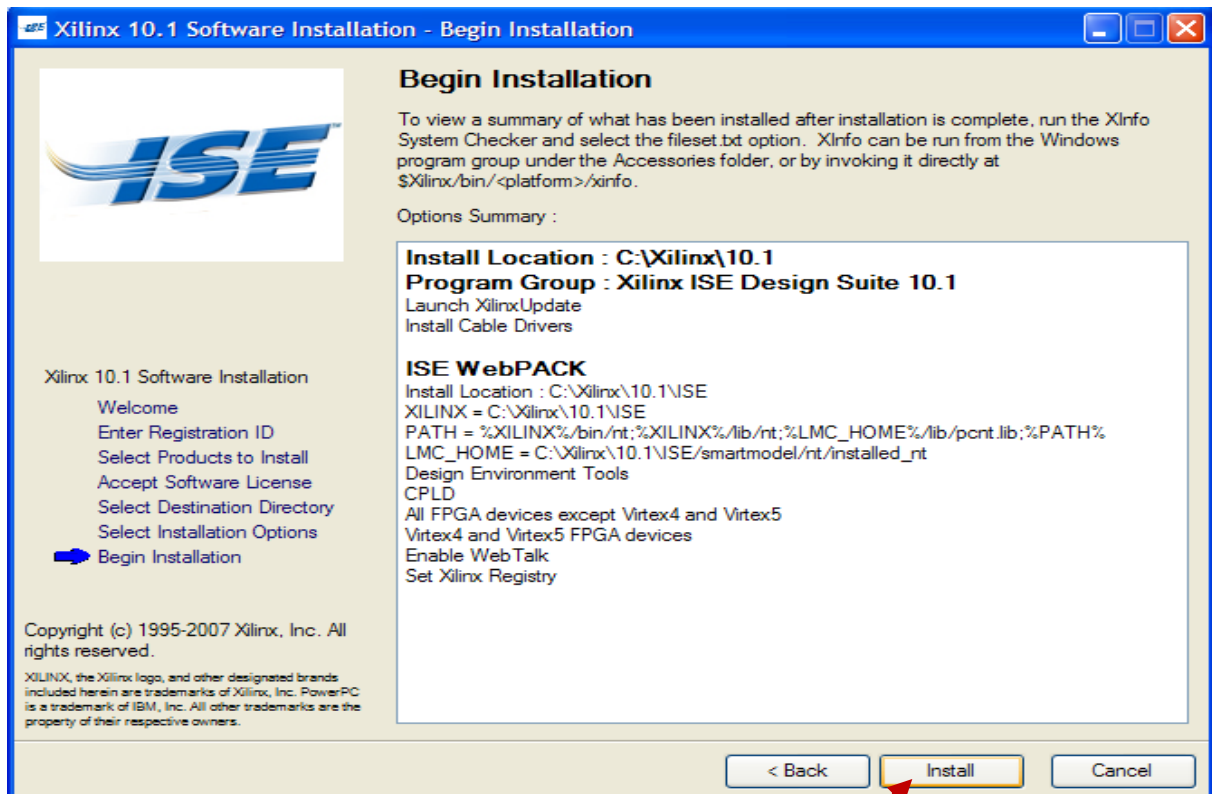
< Back **Next >** Cancel



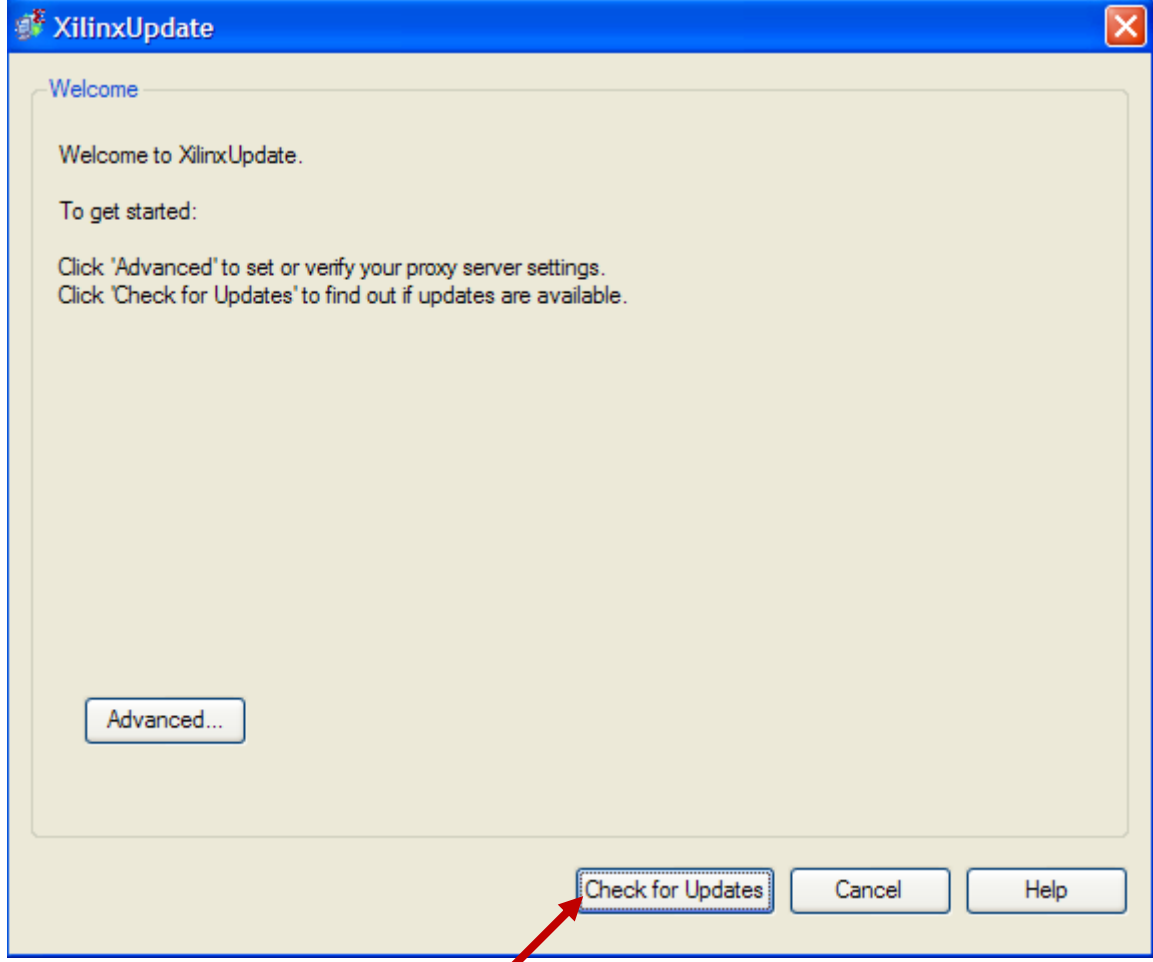


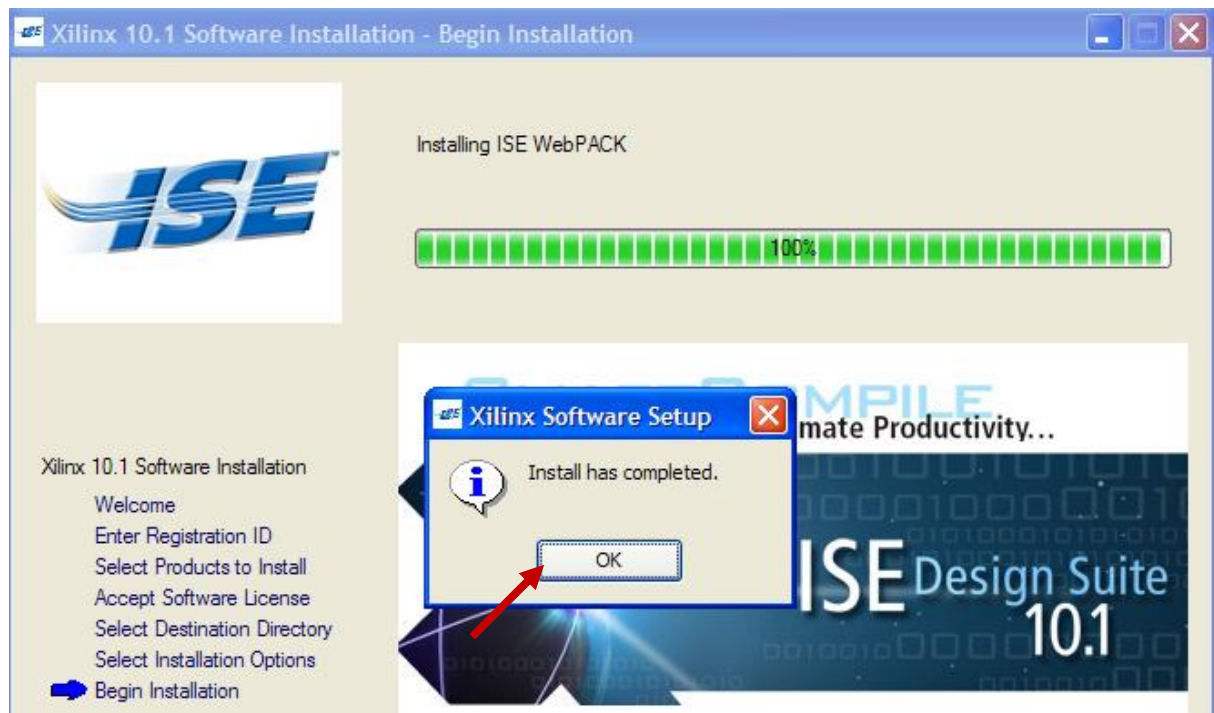
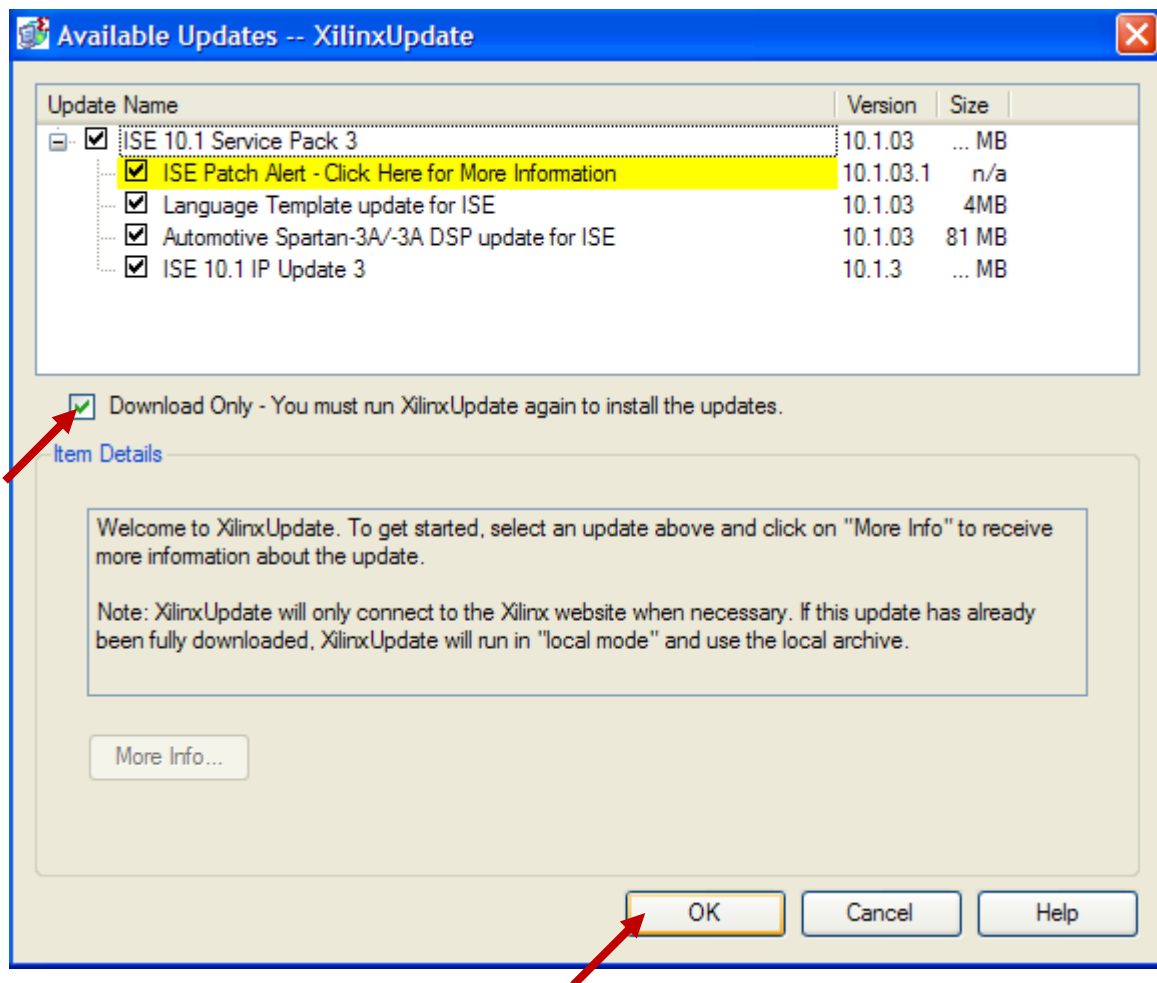






Programın kurulumu belleğin doluluđuna gre fazla zaman alabilmektedir. Kurulum tamamlanmadan hibir mdahalede bulunmayınız.





## DIGILENT PROGRAMININ KURULMASI

Xilinx programında yaptığınız tasarımların gerçekte nasıl çalışacağını görmek amacıyla FPGA'e program yüklemek için **Digilent** programı bilgisayarınızda kurulu olmalıdır.

**EEM211\_yukleme** klasöründeki **digilent.adept.system\_v2.5.1** dosyasının üzerine çift tıklayarak dosyayı çalıştırınız.

