



논리 설계 및 실험

Date : 2016 . 03 . 11

김영대

실습 개요

- **출석**

- **4회 이상 결석 : F 학점**

- 실습 조교 : 김영대
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2주차 실습

- Altera Quartus 설치

Altera Quartus 다운로드

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Quartus Prime
Design Software

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*The Quartus Prime software Lite edition version 15.1 supports the following device families: Arria II, Cyclone IV, Cyclone V, MAX II, MAX V, and MAX 10 FPGA.
Starting with version 15.1, Quartus II Web Edition is now Quartus Prime Lite Edition.

ModelSim[®] Altera Edition

ModelSim-Altera software
Altera's version of ModelSim software.

Altera[®] SDK for OpenCL

The FPGA industry's first Software
Development Kit (SDK) for OpenCL.

SoC EDS Embedded Design Suite

Powerful software suite for your ARM-based
SoC FPGA embedded design.

DSP Builder Design Tool

Helps to shorten digital signal processing
(DSP) design cycles.

Software Selector

Select by Version

Select by Device

Select by Software

Quartus Software

- + Version 12.1
- + Version 12.0
- + Version 11.1
- + Version 11.0
- + Version 10.1
- + Version 10.0
- + Version 9.1
- + Version 9.0
- 9.0, Service Pack 2**
- 9.0, Service Pack 1
- 9.0

Quartus Edition	Supported Devices
Subscription Edition	Stratix (III, II GX, II, GX, I) Arria (GX) Cyclone (III, II, I) MAX (II) HardCopy (II)
Web Edition	Stratix (III, II GX, II, GX, I) Arria (GX) Cyclone (III, II, I) MAX (II) HardCopy (II)

Browser window showing the Altera Service Packs download page. The URL is <https://wl.altera.com/download/service-packs/sps-web.jsf>. The page lists several service packs for Quartus II Web Edition, with download links for Windows and Linux versions.

Service Pack	Download Windows Version	Download Linux Version
Quartus II Web Edition v9.1 Service Pack 2	Download Windows Version (1.8 GB)	Download Linux Version (2.2 GB)
Quartus II Web Edition v9.1 Service Pack 1	Download Windows Version (1.5 GB)	Download Linux Version (1.8 GB)
Quartus II Web Edition v9.0 Service Pack 2	Download Windows Version (1.3 GB)	
Quartus II Web Edition v9.0 Service Pack 1	Download Windows Version (1.3 GB)	
Quartus II Web Edition v8.0 Service Pack 1	Download Windows Version (1.1 GB)	
Quartus II Web Edition v7.2 Service Pack 3	Download Windows Version (778 MB)	
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The myAltera portal, mySupport portal, download and licensing centers, and training registration page will be unavailable for scheduled maintenance on **Friday, March 4, 7:00 PM - Saturday, March 5, 7:00 AM PST**. We apologize for any inconvenience this may cause.

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Don't have an account?

- ☒ **Create Your myAltera Account**
Your myAltera account allows you to file a service request, register for a class, download software, and more.

Enter your email address

Note: If your email address already exists in our system we will retrieve the associated information.

Create Account


Internet Explorer browser window showing the Altera download page. The address bar displays <https://wl.altera.com/servlets/download3?swcode=WWW>. The page title is "Thank you for downloading".

Navigation menu: Board Layout and Test, Legacy Software

• [Get licensing and installation support](#)

If the Altera Download Manager window, as shown in figure 1, did not appear, please follow download troubleshooting steps below.

Figure 1. Altera download window




The image shows a screenshot of the Altera Download Manager window. The title bar reads "Altera Download Manager - Downloading (10%)". The main area displays the file path "...\\file_location\\software_name" and a progress bar. Below the progress bar, the status is "Downloading", and the progress is "file size (% done)". The transfer rate is "MB/sec", and the time left is "hh:mm:ss". The connections section shows "Connections: ...". At the bottom, there are checkboxes for "Close window when done" and "Launch when done", a "Pause" button, and an "Exit" button. The version number "v2.2.0.5" is displayed in the bottom right corner.

Download Troubleshooting Steps

1. Disable your pop-up blocker
 - If a yellow pop-up blocker bar appears just below your Internet Explorer menu bar (see Figure 2), click on the yellow bar and select "Temporarily Allow Pop-ups." Any third-party pop-up blockers must also be disabled to download a file.

Figure 2. Windows Explorer Pop-Up Blocker

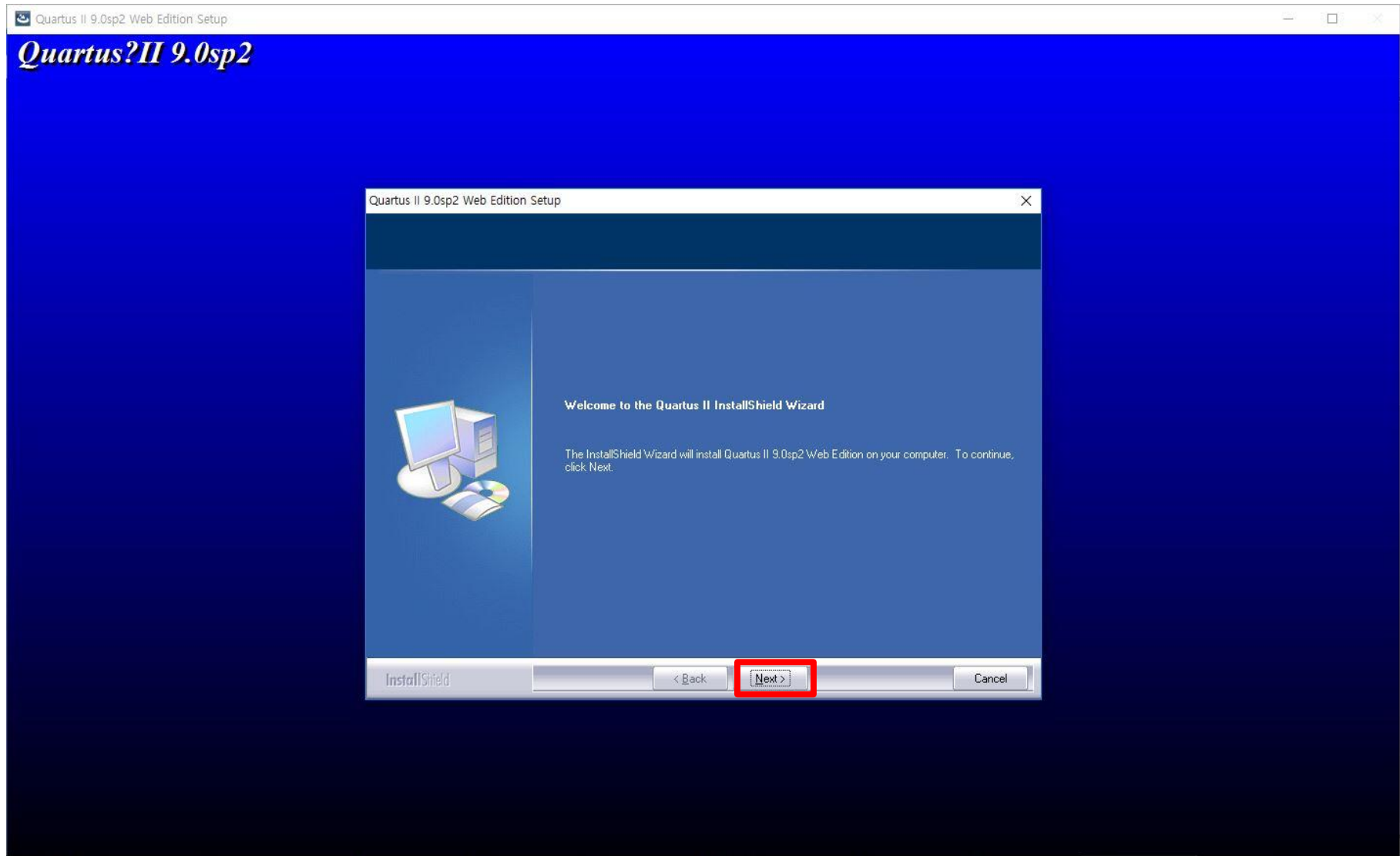


The image shows a screenshot of a yellow pop-up blocker bar. The text reads "Pop-up blocked. To see this pop-up or additional options click here..." with a close button (X) on the right.

- You may also by-pass the pop-up blocker by following this link: [Download your file now.](#)

Internet Explorer가 wl.altera.com의 팝업을 차단했습니다. 한 번 허용(A) 이 사이트의 옵션(O) x


Altera Quartus 설치



Quartus?II 9.0sp2

Quartus II 9.0sp2 Web Edition Setup

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Please read the following license agreement carefully.



ALTERA PROGRAM LICENSE SUBSCRIPTION AGREEMENT

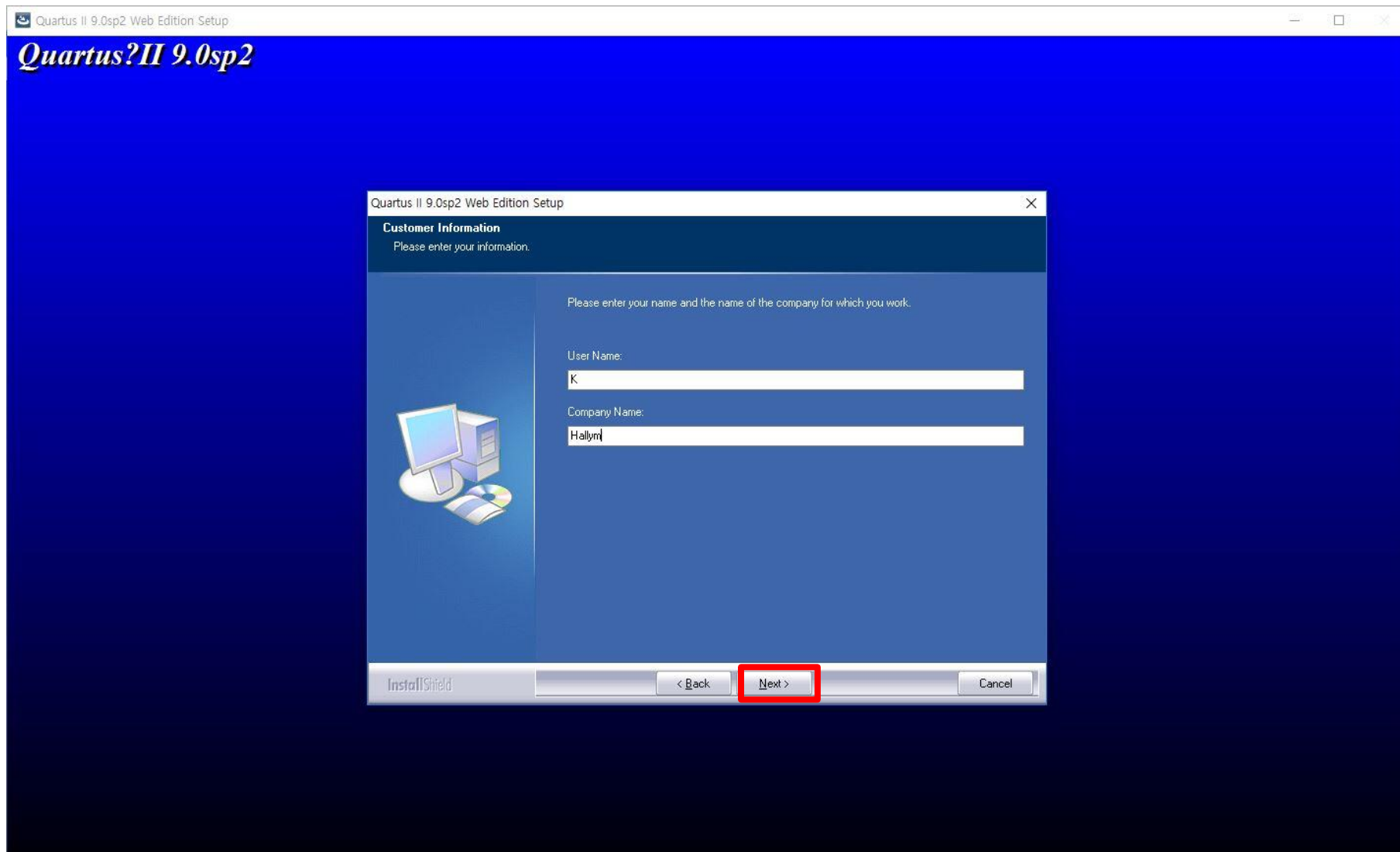
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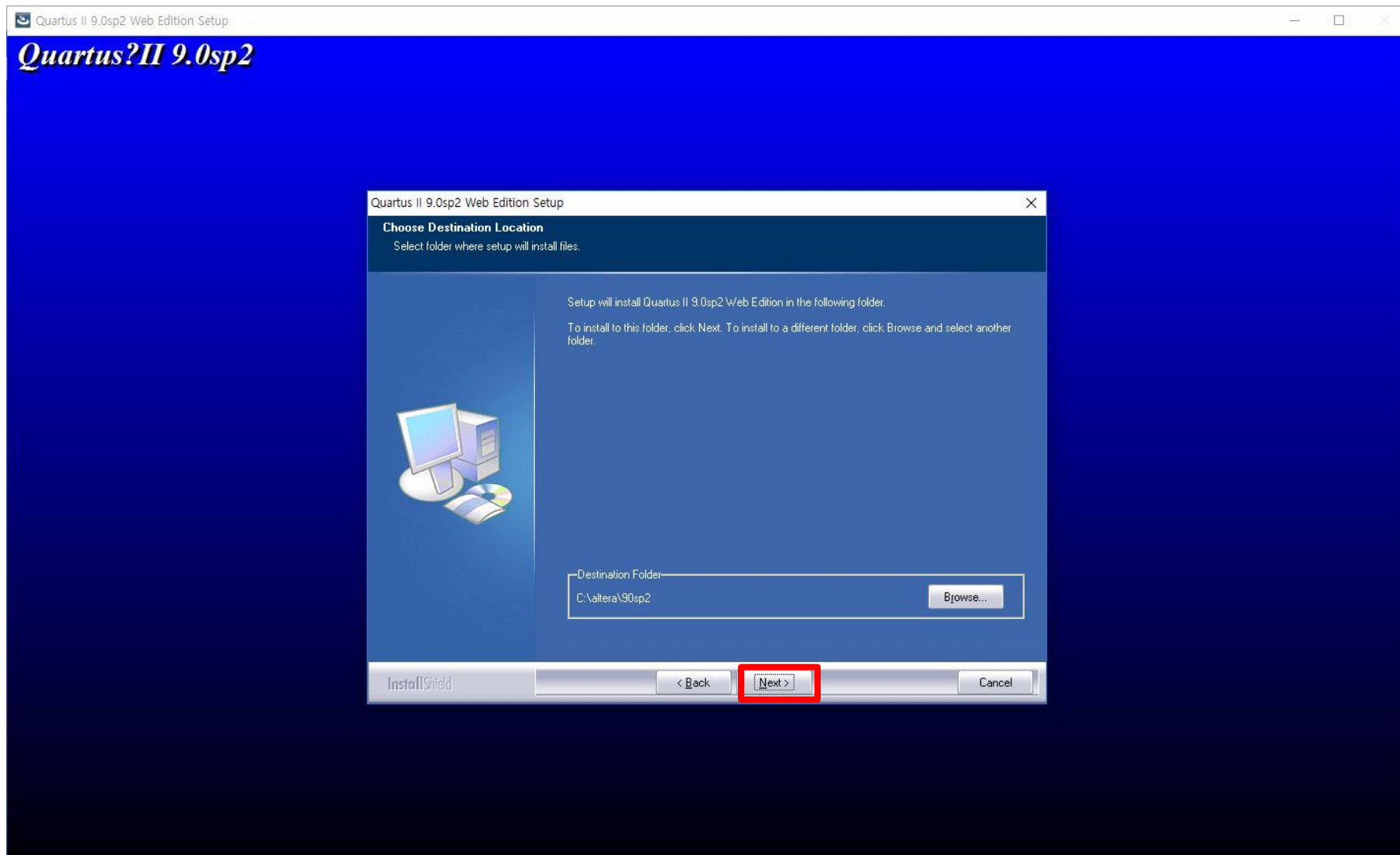
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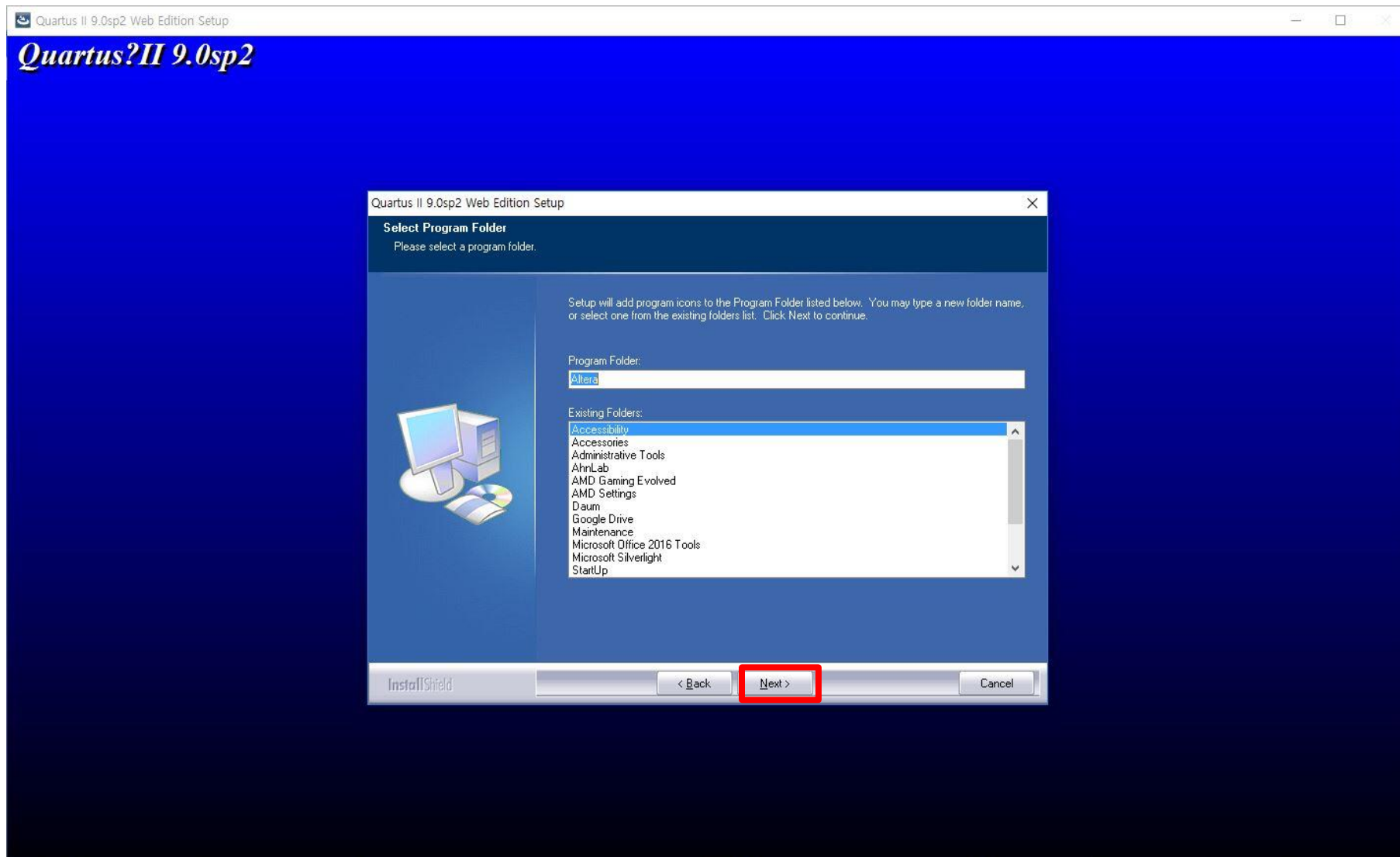
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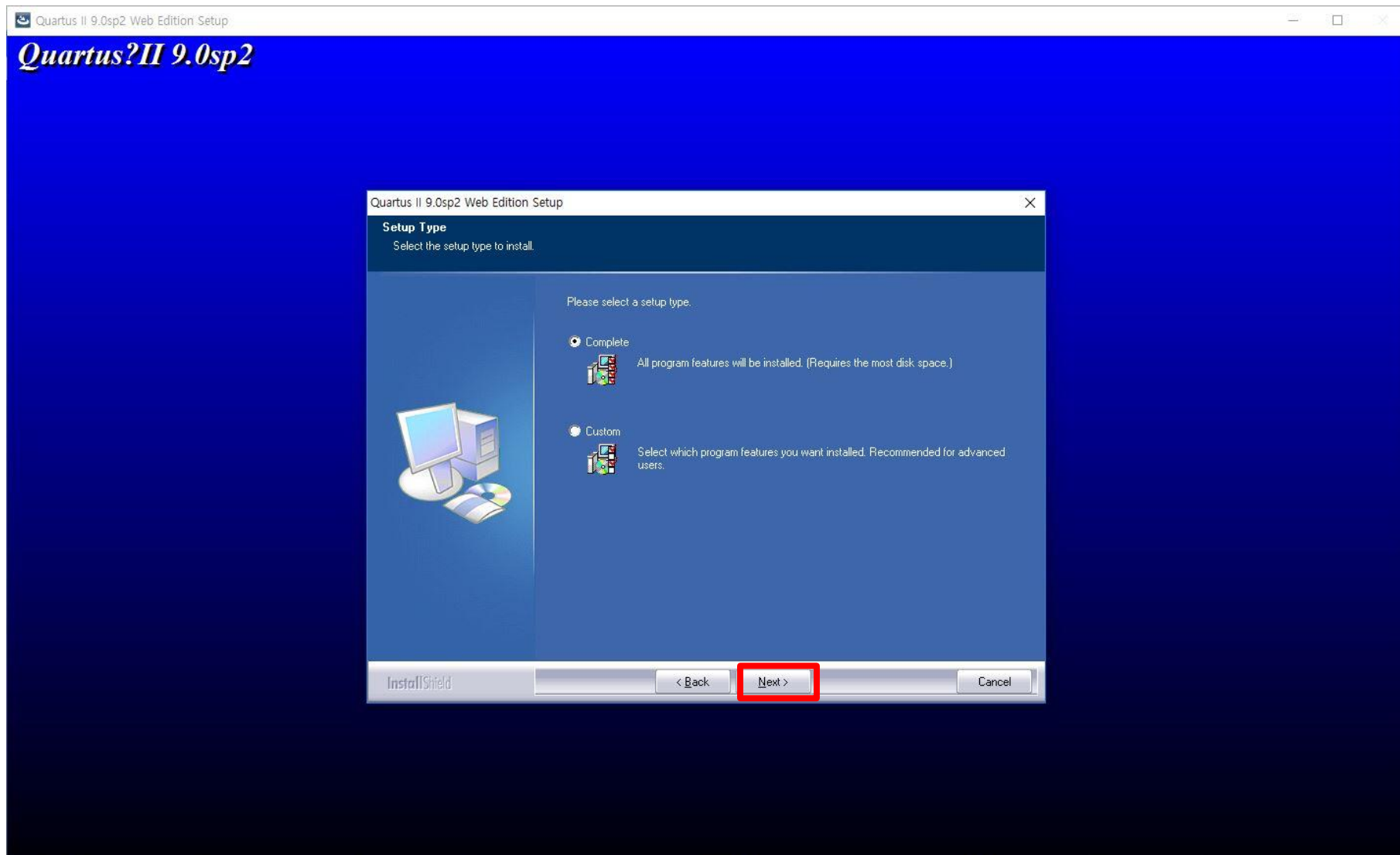
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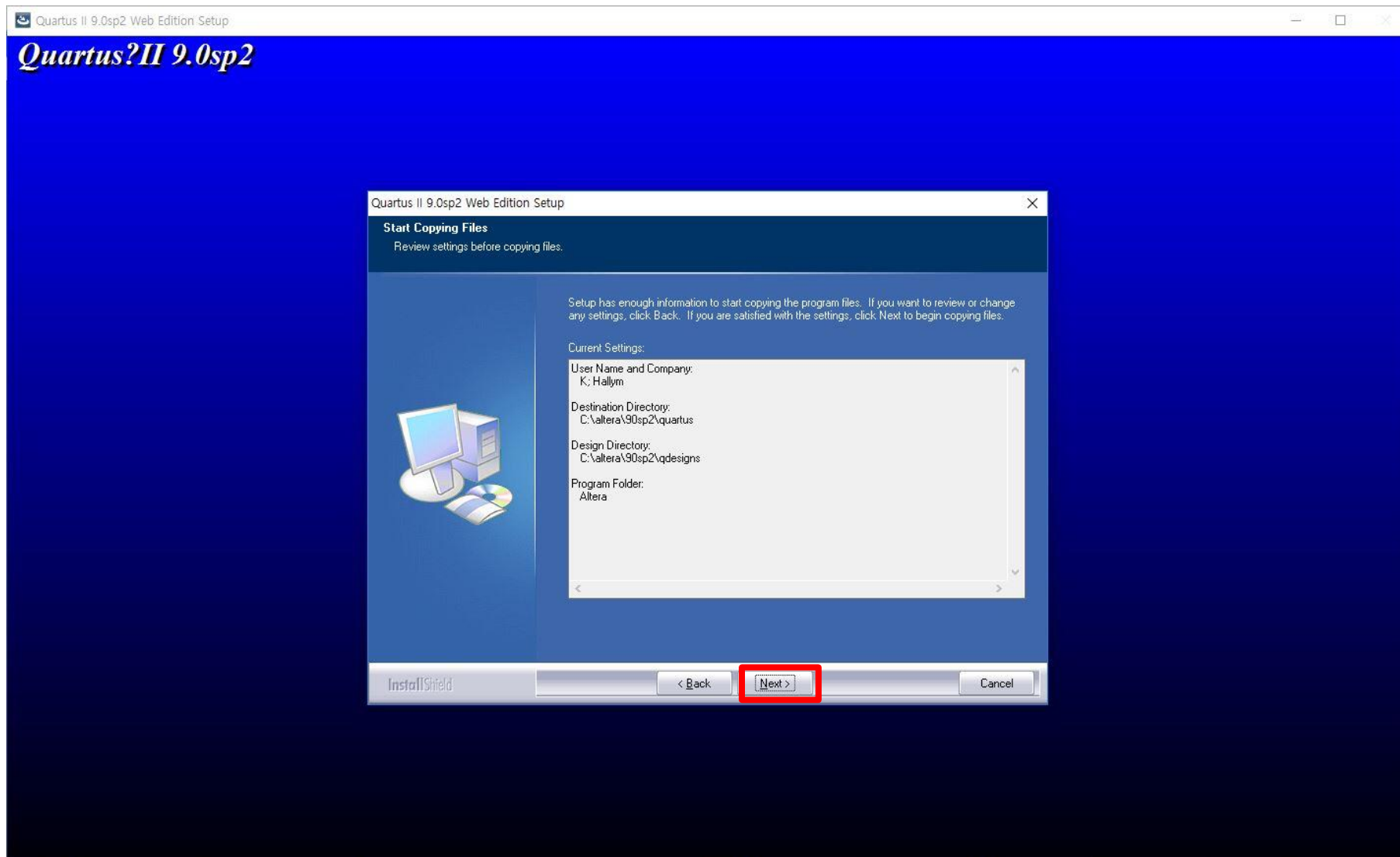
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Quartus II 9.0sp2

