

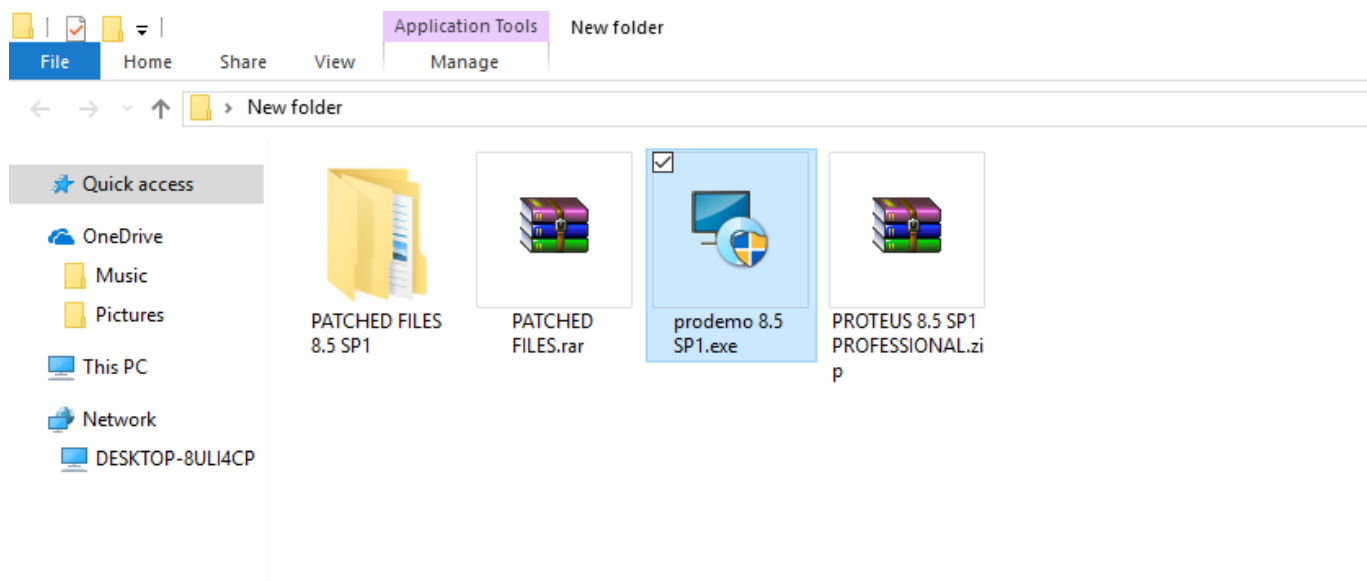
# PROTEUS INSTALLATION

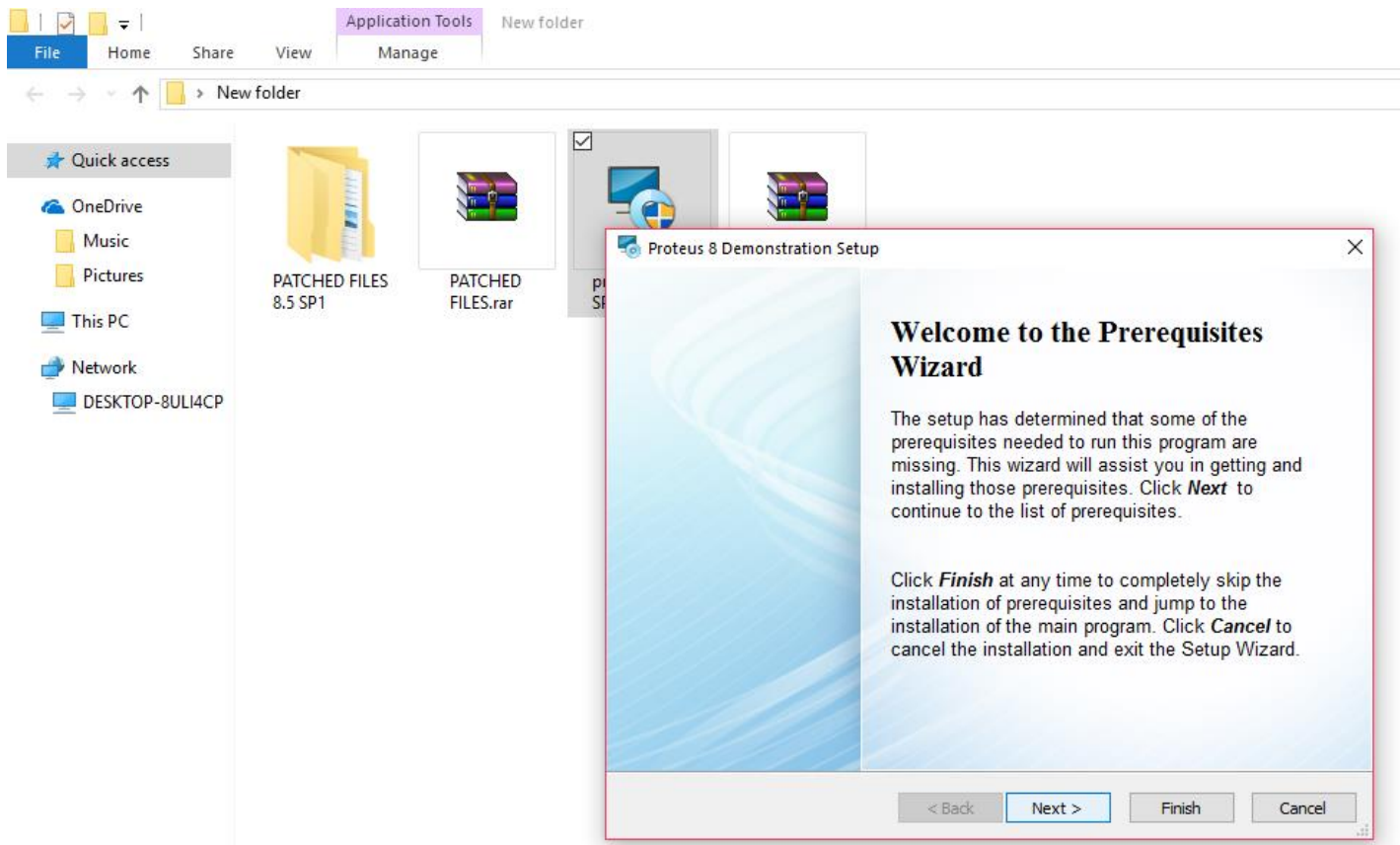
In embedded systems, trying things directly in physical world would be inconvenient, expensive, impractical or plain impossible.

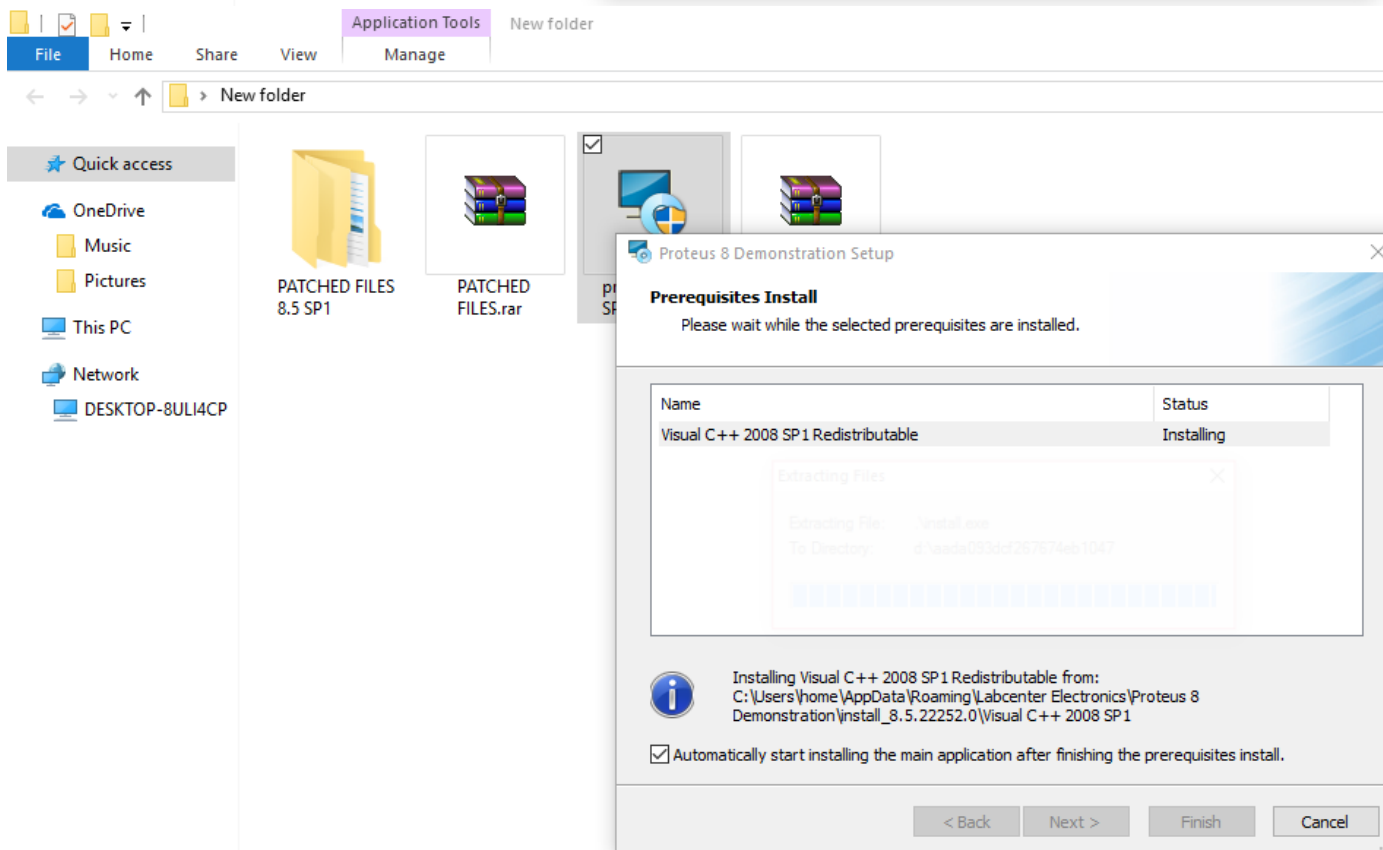
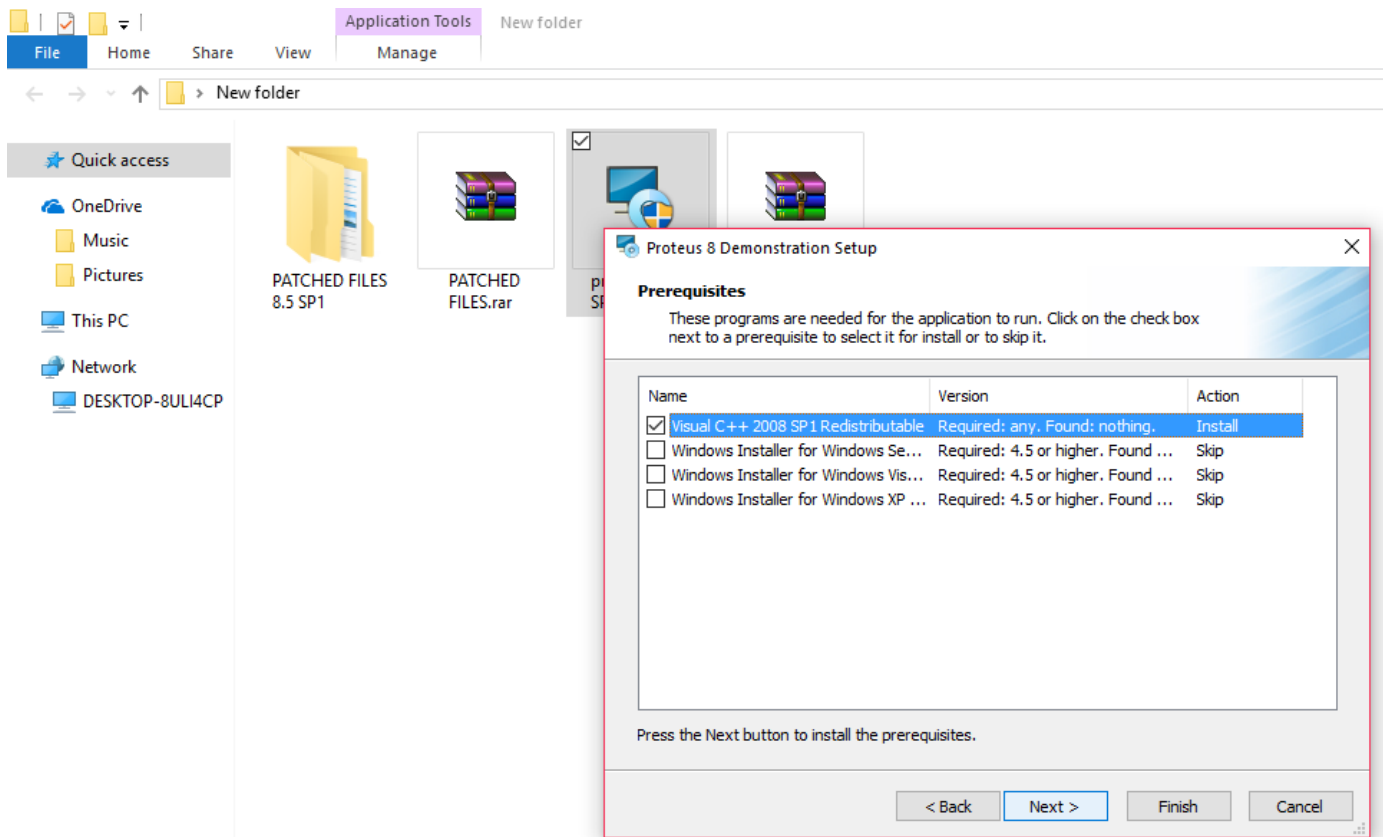
Often SIMULATION is the one that comes to rescue in such situations. It reduces the cost of experiments and makes it possible to work with systems that do not yet exist in physical form. Proteus is one such embedded design simulation software tool.

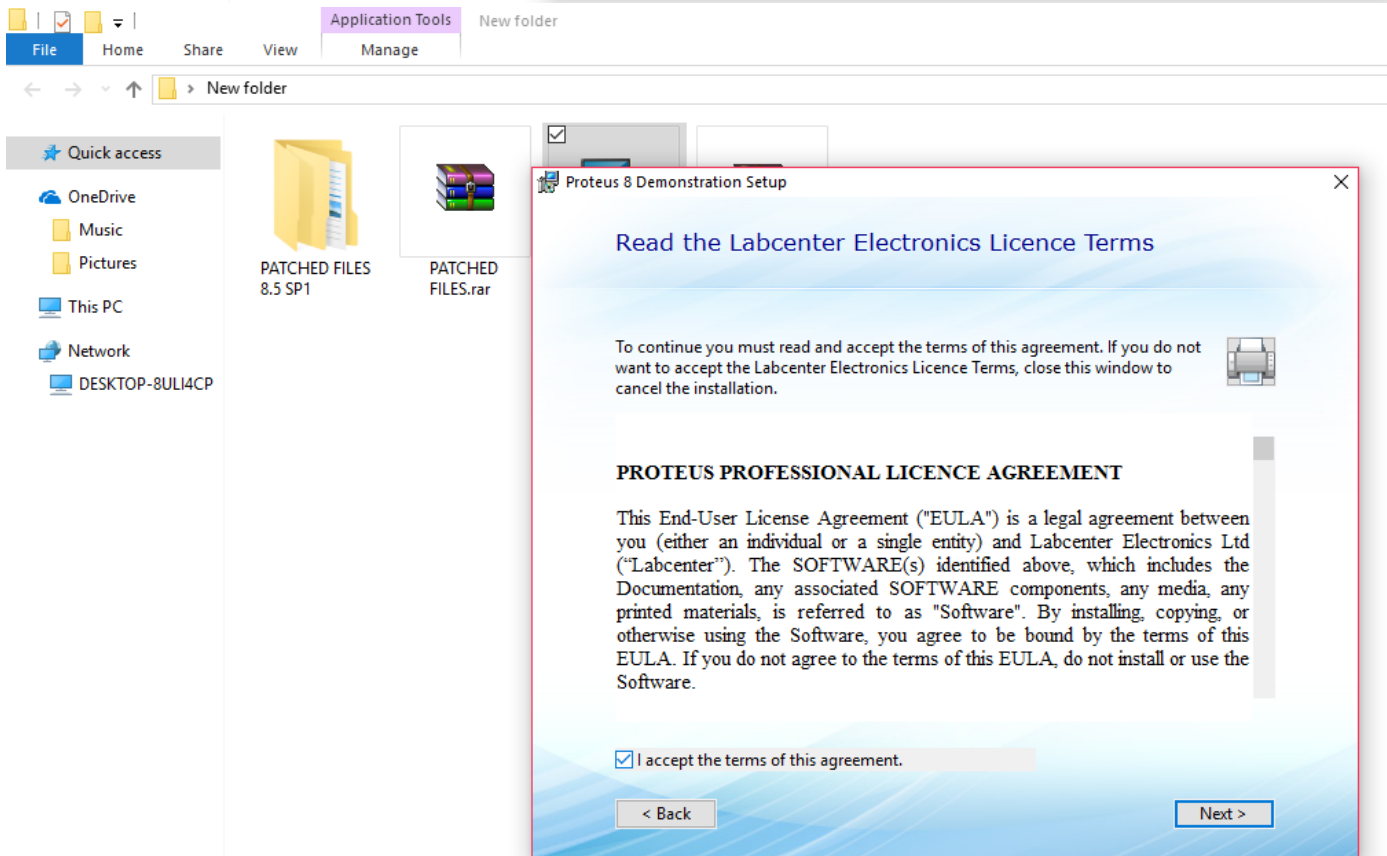
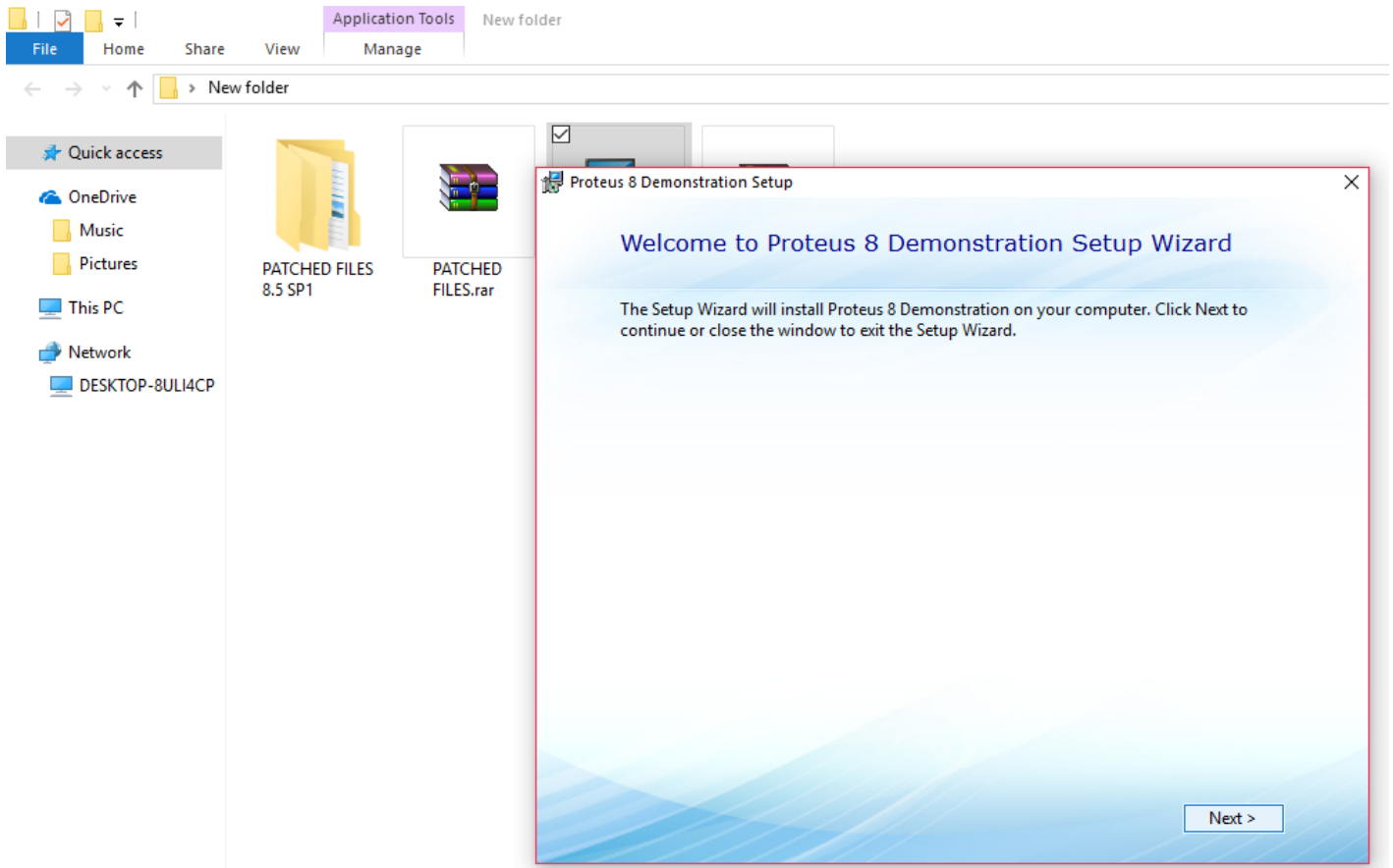
For installation of proteus on windows follow the below steps :

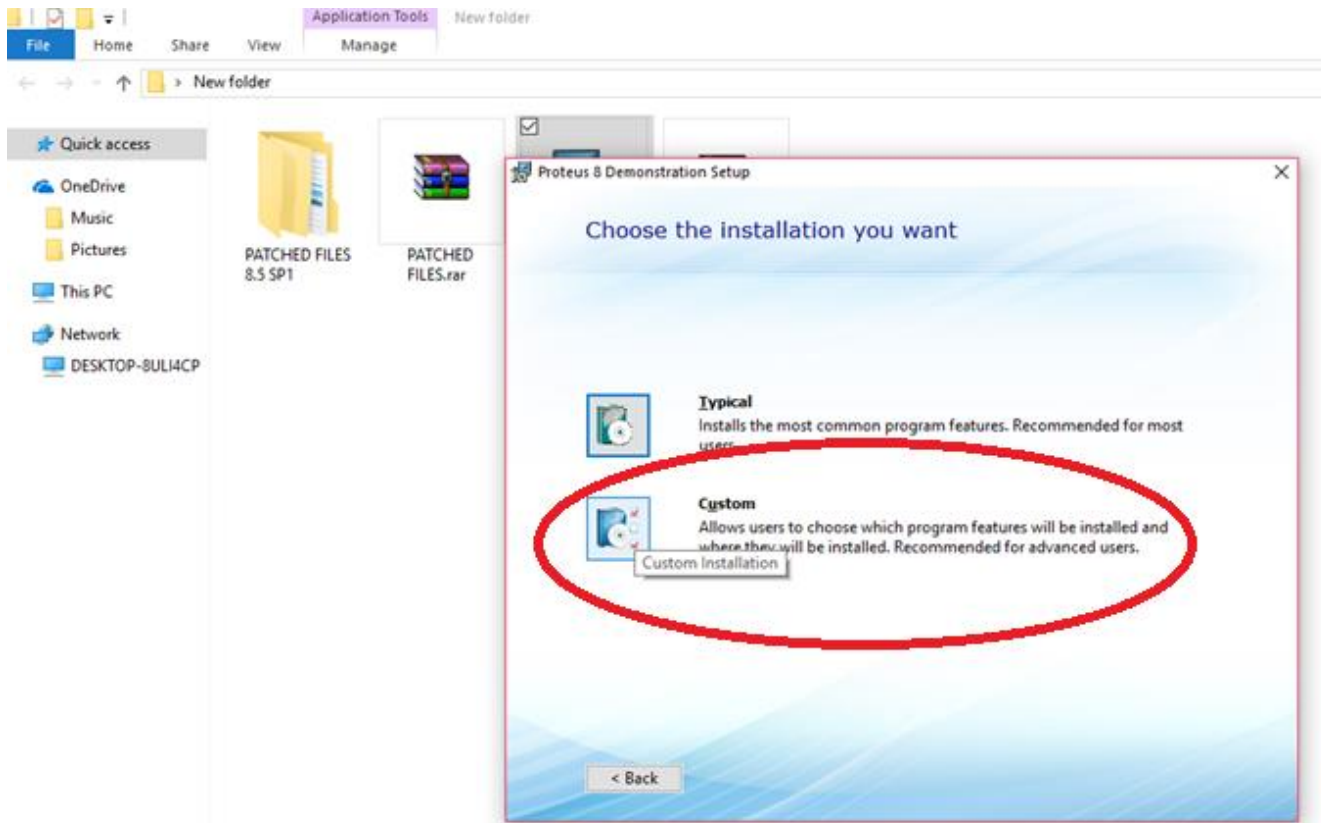
1) Double click on **prodemo 8.5 SP1.exe**



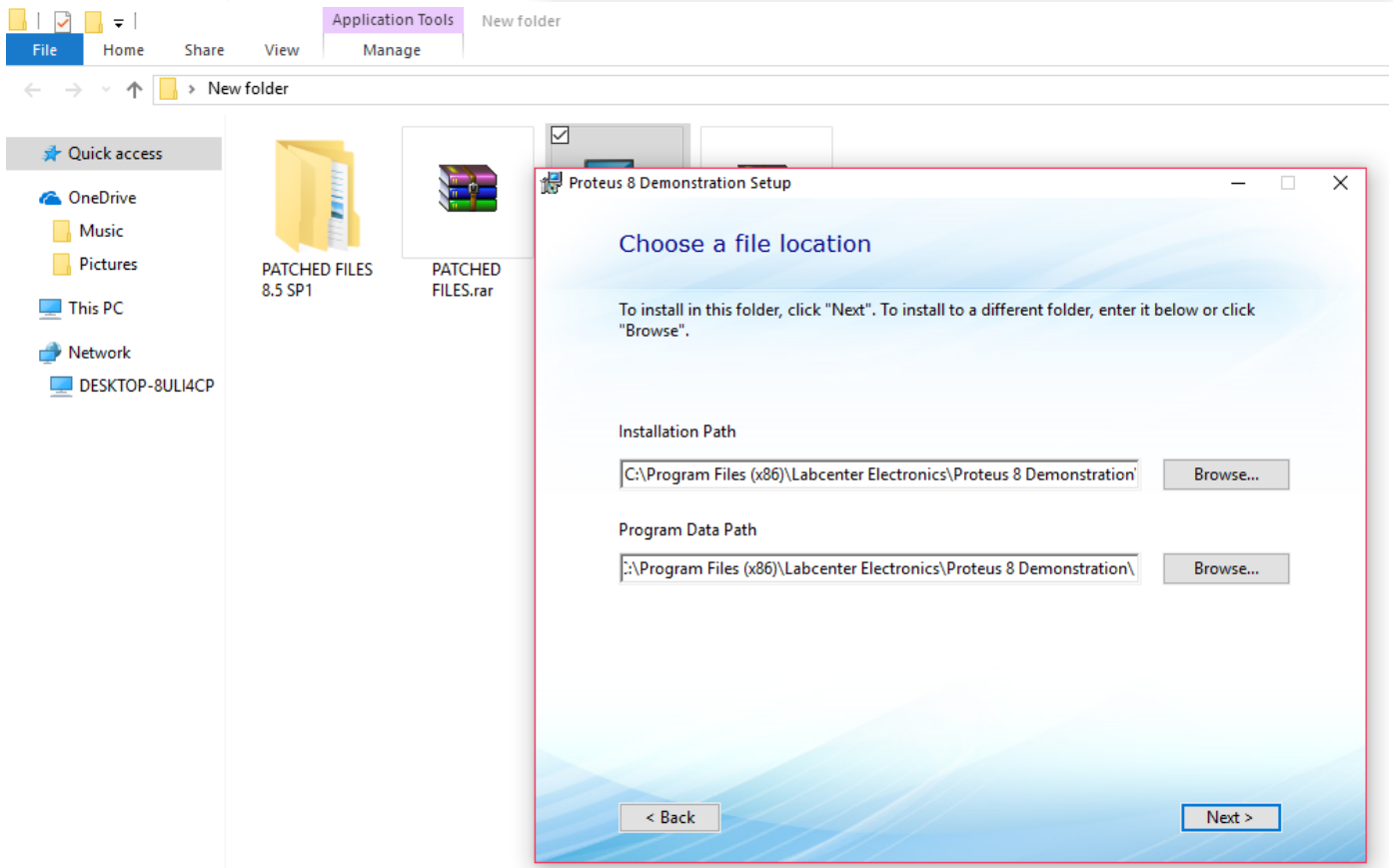
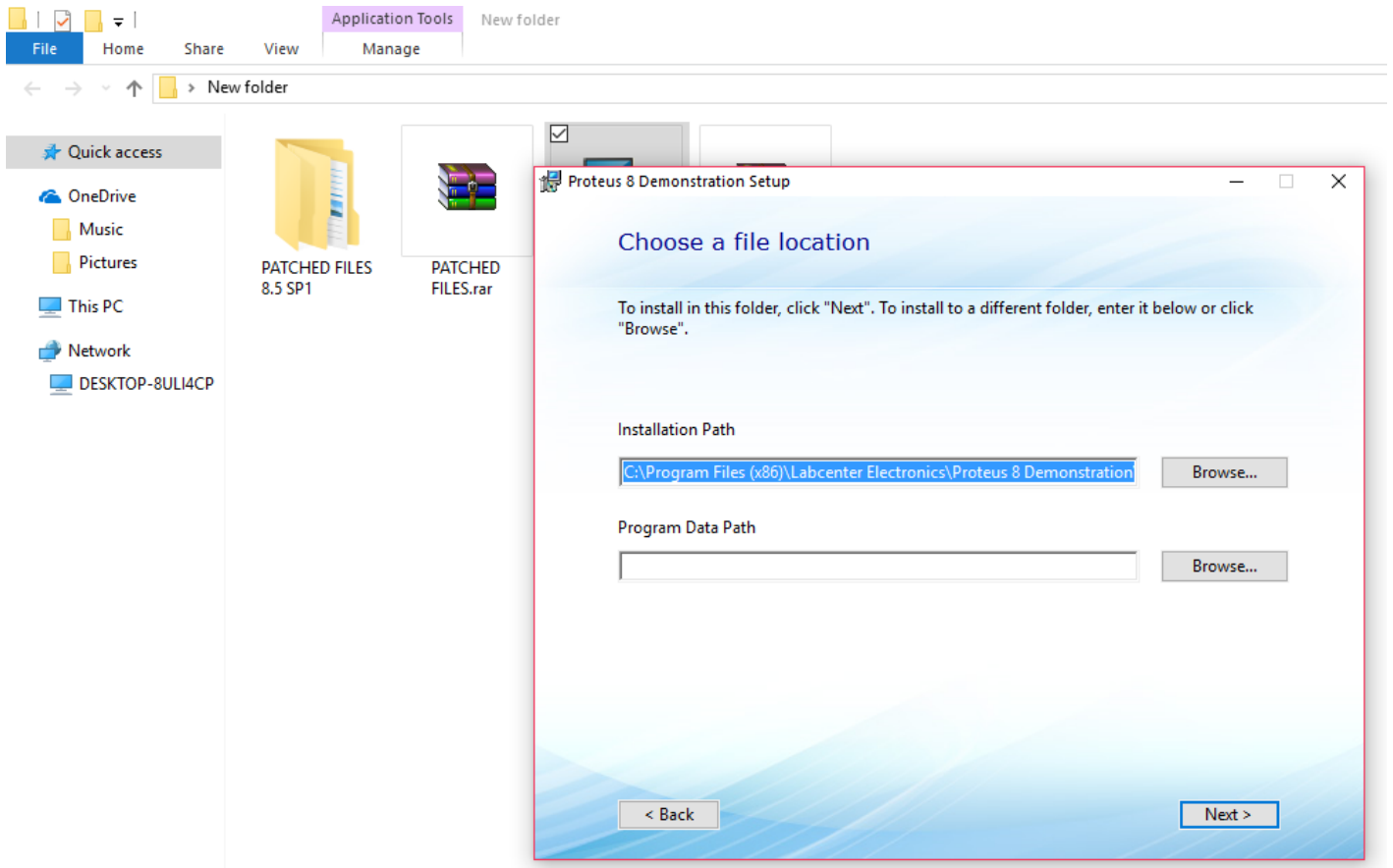


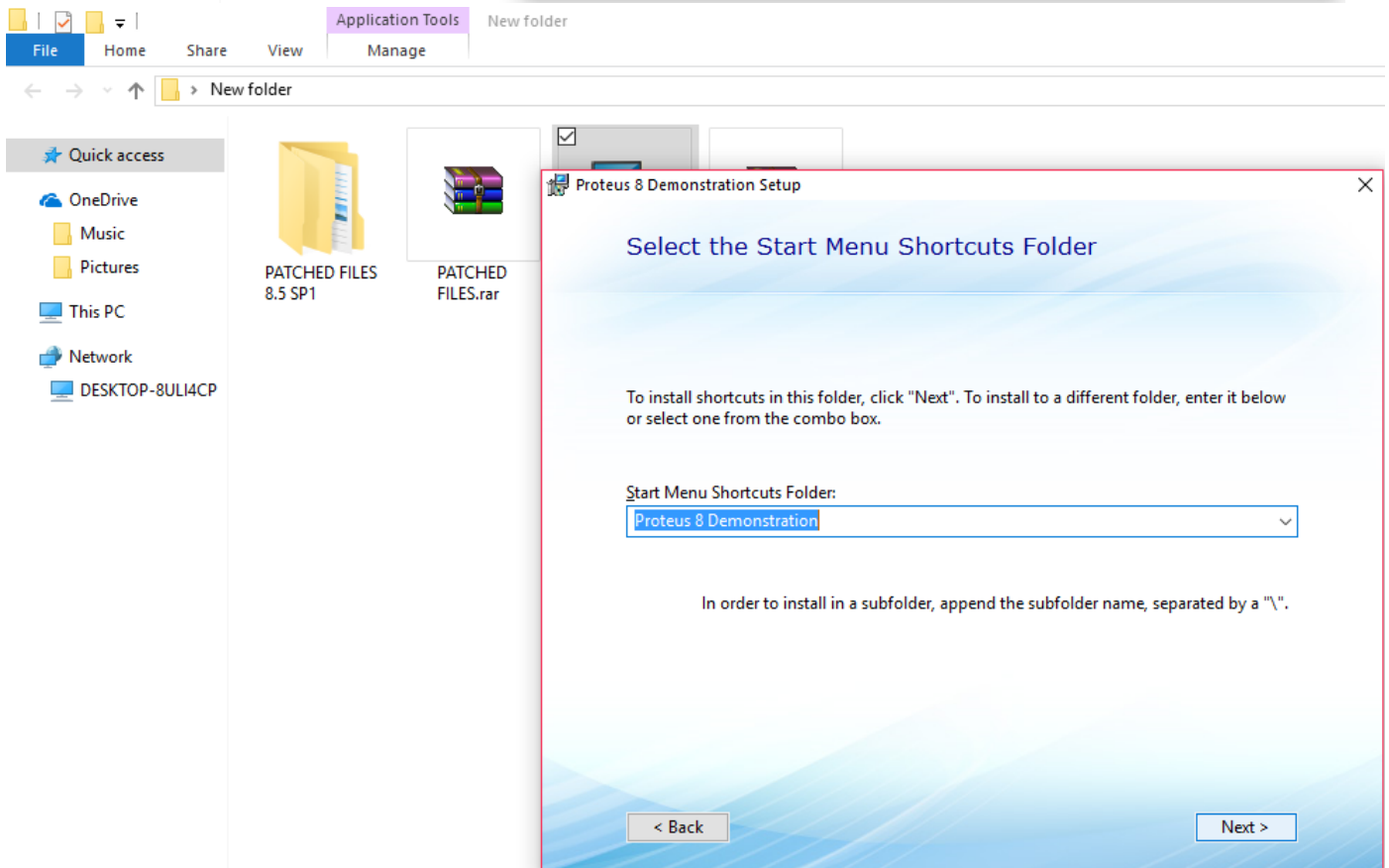
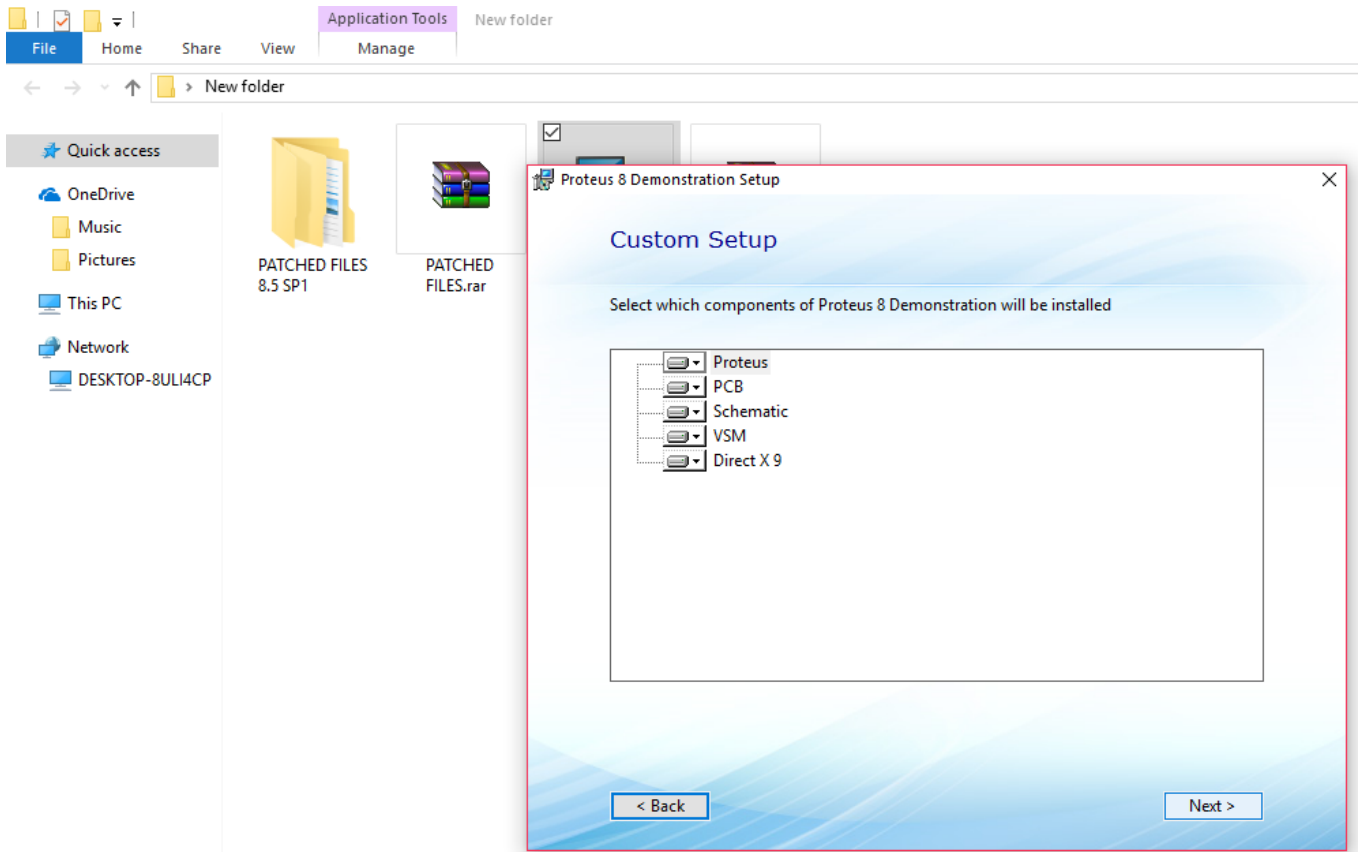


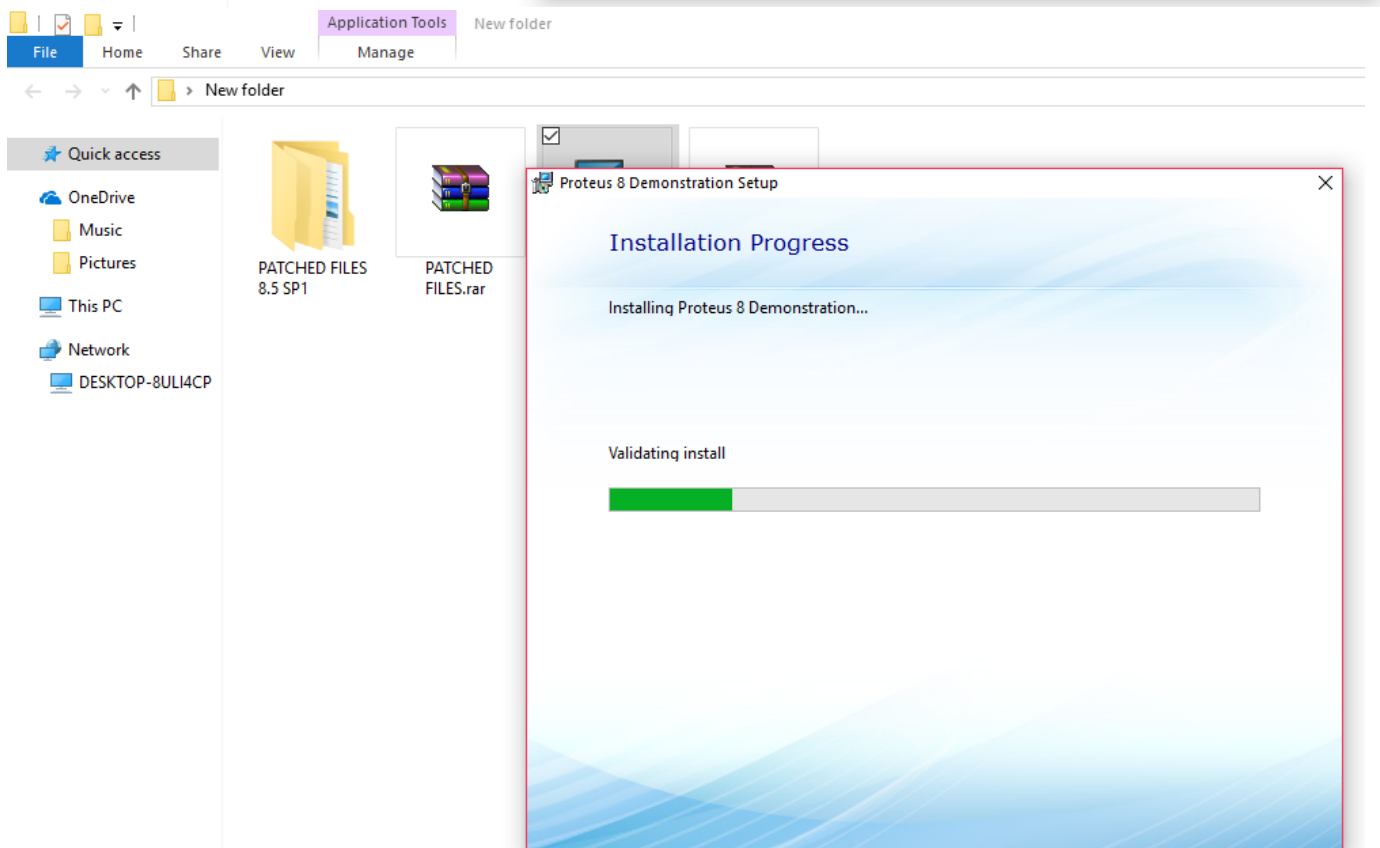
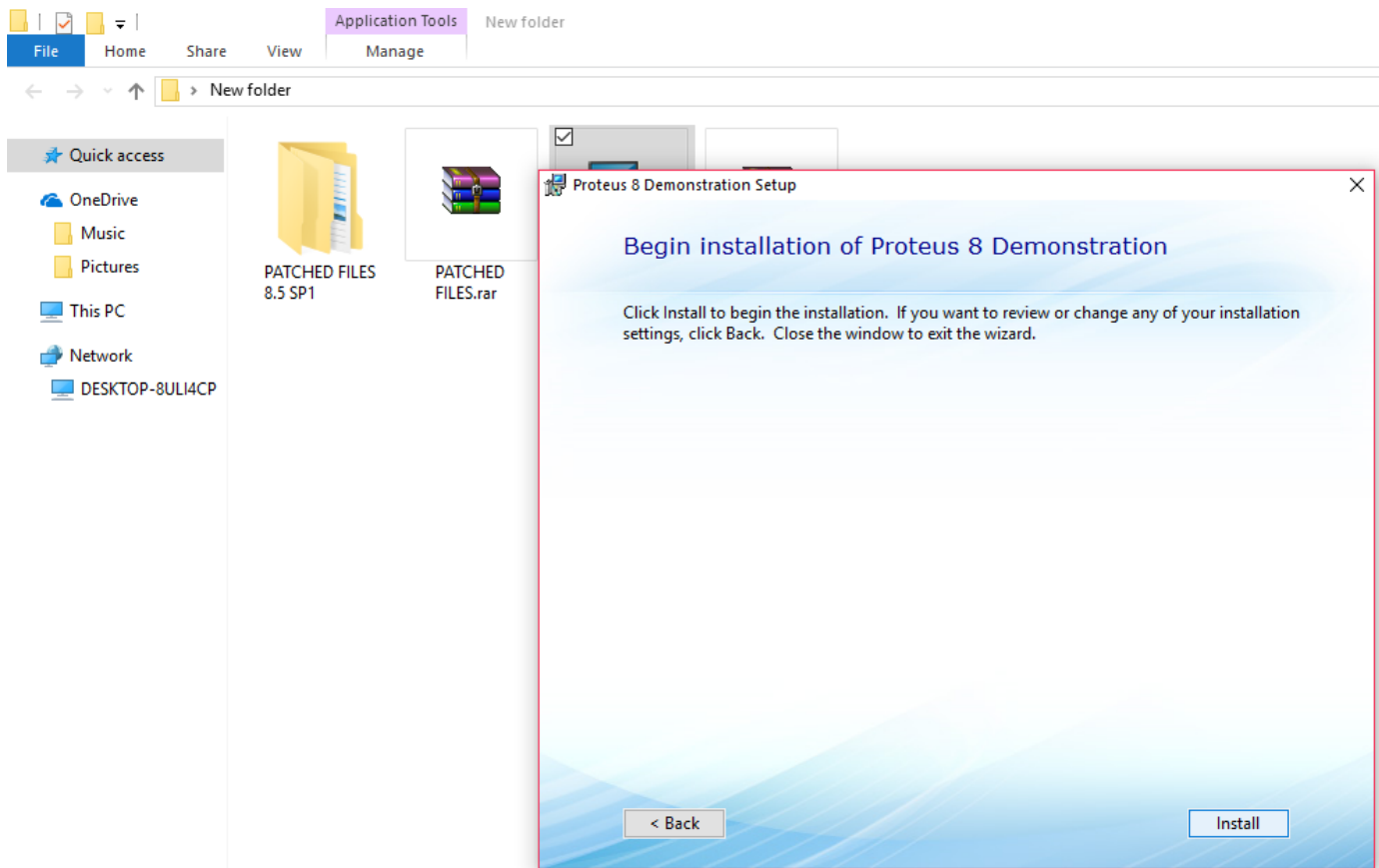




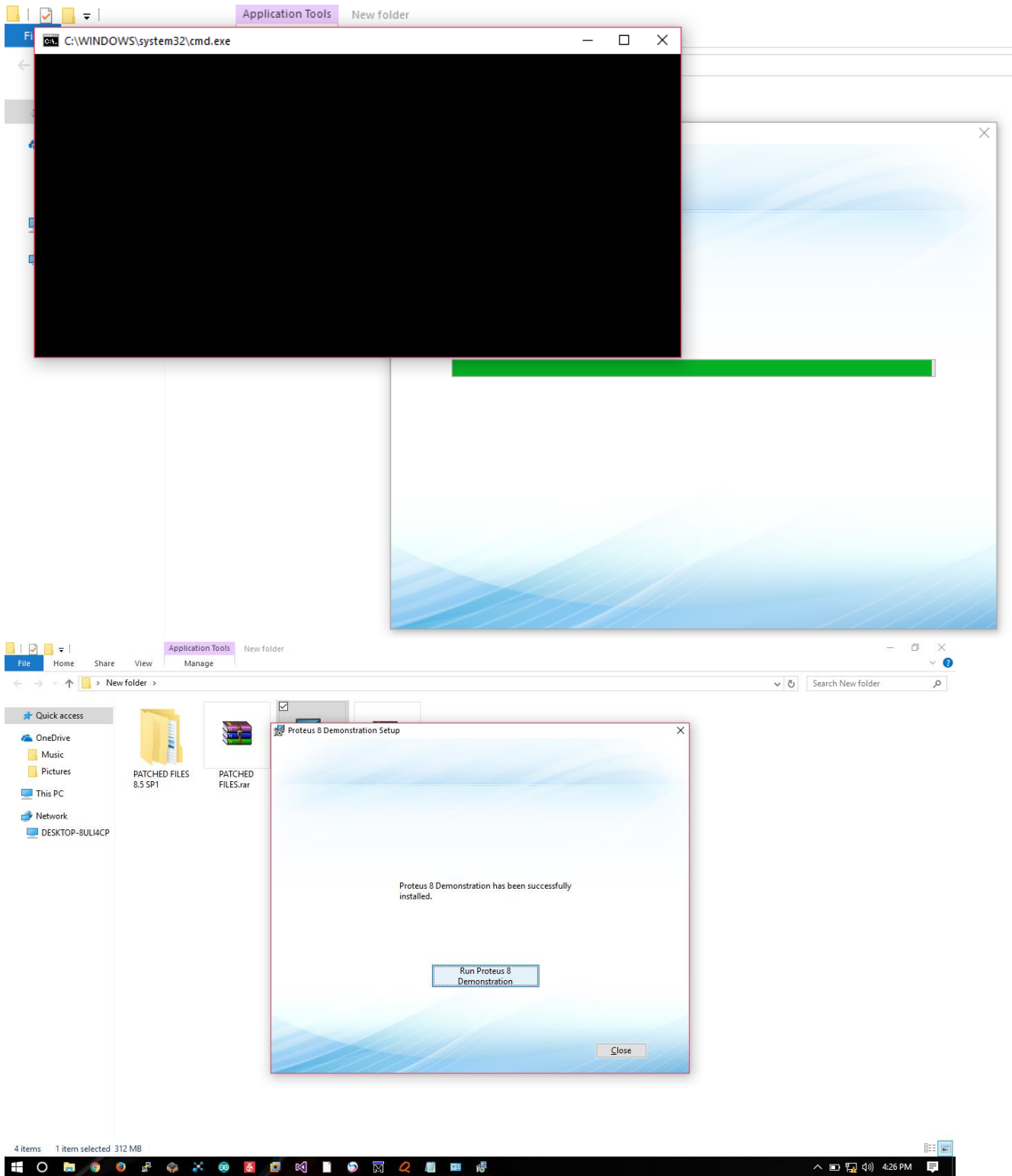
Copy Installation Path and Paste it in Program Data Path and click next,

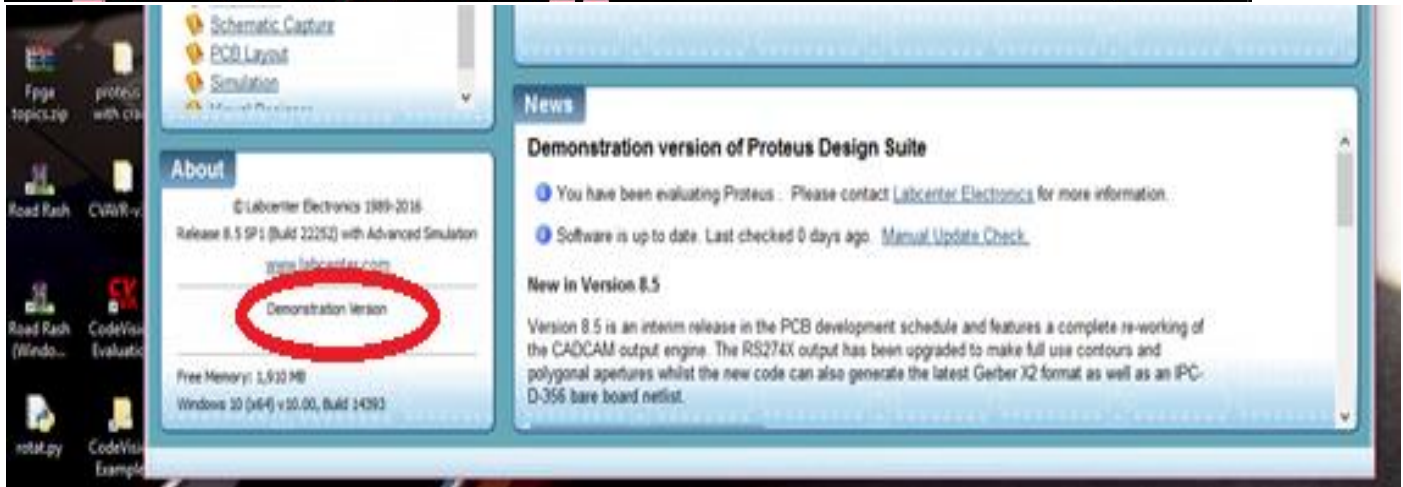
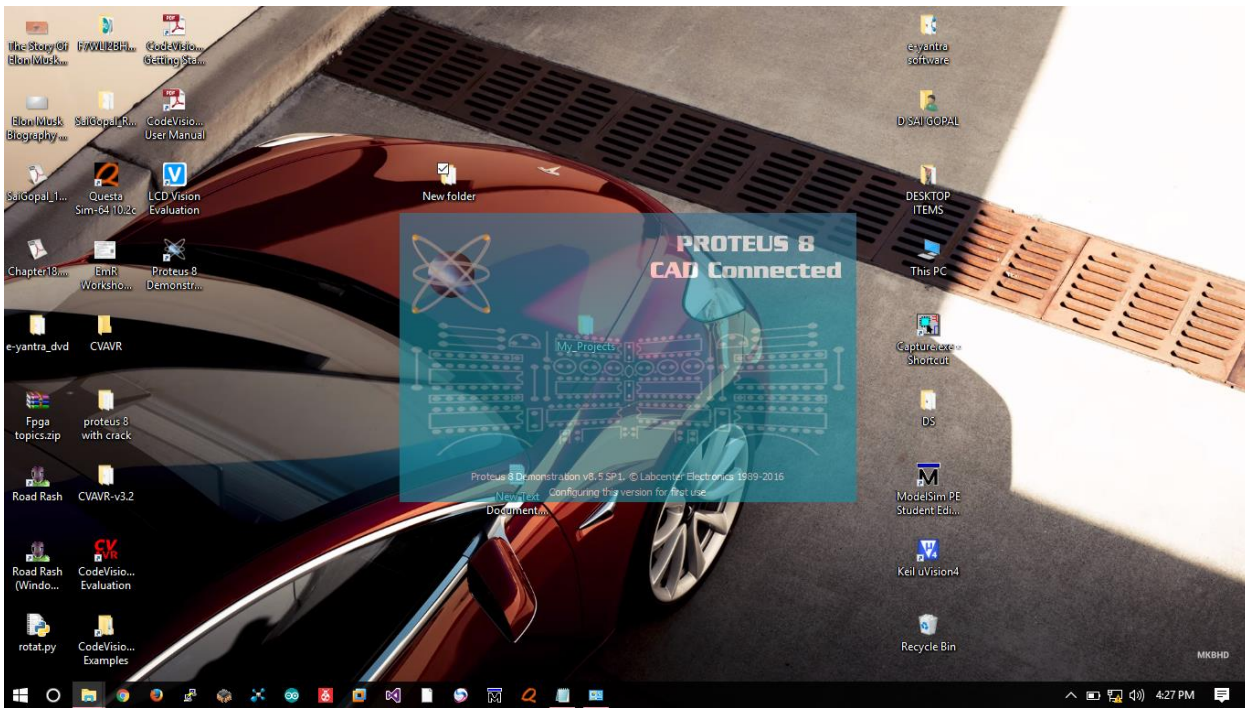












New folder

File

Home

Share

View

←

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> New folder >

Quick access

OneDrive

Music

Pictures

This PC

Desktop

Documents

Downloads

ELON MUSK

Music

PATCHED FILES 8.5 SP1

PATCHED FILES.rar

prodemo 8.5 SP1.exe

PROTEUS 8.5 SP1 PROFESSIONAL.zip

PATCHED FILES 8.5 SP1

File

Home

Share

View

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→

⌵

⬆

> New folder > PATCHED FILES 8.5 SP1 >

Quick access

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<input checked="" type="checkbox"/>	Name	Date modified	Type	Size
<input checked="" type="checkbox"/>	BIN	8/13/2016 2:41 PM	File folder	
<input checked="" type="checkbox"/>	MODELS	8/13/2016 2:42 PM	File folder	

The screenshot shows a Windows File Explorer window. The left sidebar contains navigation links: 'Quick access', 'OneDrive', 'This PC', and 'Local Disk (C:)'. The main pane displays a list of folders and files. The 'Program Files (x86)' folder is selected and highlighted in blue. The list includes folders like '\$SysReset', '.Xilinx', '148', 'AMD', 'cvavreval', 'Drivers', 'ESD', 'Keil', 'Logs', 'MentorGraphics', 'Modeltech\_pe\_edu\_10.4a', 'New folder', 'opencv', 'PerfLogs', 'Program Files', 'Program Files (x86)', 'Python27', 'questasim64\_10.2c', 'ssh', 'temp', 'test', 'Users', and 'WinAVR-20090313'.

Name	Date modified	Type	Size
\$SysReset	6/24/2016 11:21 AM	File folder	
.Xilinx	2/13/2017 12:15 PM	File folder	
148	10/31/2016 5:55 PM	File folder	
AMD	12/20/2016 4:54 AM	File folder	
cvavreval	9/1/2017 3:26 PM	File folder	
Drivers	8/19/2016 9:54 PM	File folder	
ESD	11/5/2016 7:42 PM	File folder	
Keil	8/31/2017 1:52 PM	File folder	
Logs	4/27/2016 12:05 PM	File folder	
MentorGraphics	8/19/2017 11:24 AM	File folder	
Modeltech_pe_edu_10.4a	4/7/2017 5:55 PM	File folder	
New folder	7/14/2017 11:27 AM	File folder	
opencv	4/15/2014 3:03 PM	File folder	
PerfLogs	7/16/2016 5:17 PM	File folder	
Program Files	7/21/2017 4:30 PM	File folder	
Program Files (x86)	9/1/2017 3:27 PM	File folder	
Python27	3/11/2017 9:58 PM	File folder	
questasim64_10.2c	8/19/2017 11:48 AM	File folder	
ssh	7/25/2016 3:03 PM	File folder	
temp	12/20/2016 3:58 AM	File folder	
test	8/18/2016 10:13 PM	File folder	
Users	12/20/2016 10:48 ...	File folder	
WinAVR-20090313	1/15/2017 12:23 PM	File folder	



← → ↕ ⬆ ⬇ > This PC > Local Disk (C:) > Program Files (x86) > Labcenter Electronics >

★ Quick access

OneDrive

Music

Pictures

This PC

Desktop

Documents

Downloads

ELON MUSK

Music

Pictures

Videos

<input type="checkbox"/>	Name	Date modified	Type	Size
<input checked="" type="checkbox"/>	Proteus 8 Demonstration	9/1/2017 4:27 PM	File folder	
<input type="checkbox"/>	Proteus 8 Professional	9/1/2017 4:12 PM	File folder	

File Explorer window showing the directory structure of the Proteus 8 Demonstration folder. The path is: This PC > Local Disk (C:) > Program Files (x86) > Labcenter Electronics > Proteus 8 Demonstration.

The left sidebar shows the Quick access pane with links to OneDrive, Music, Pictures, This PC, Desktop, Documents, Downloads, ELON MUSK, Music, Pictures, Videos, Local Disk (C:), Local Disk (D:), 10970414, and all data.

The main pane displays a list of files and folders:

Name	Date modified	Type	Size
BIN	9/1/2017 4:29 PM	File folder	
Datasheets	9/1/2017 4:24 PM	File folder	
Downloads	9/1/2017 4:24 PM	File folder	
DRIVERS	9/1/2017 4:24 PM	File folder	
HELP	9/1/2017 4:25 PM	File folder	
LIBRARY	9/1/2017 4:26 PM	File folder	
LICENCE	9/1/2017 4:25 PM	File folder	
MCAD	9/1/2017 4:26 PM	File folder	
MODELS	9/1/2017 4:26 PM	File folder	
SAMPLES	9/1/2017 4:24 PM	File folder	
Snippets	9/1/2017 4:24 PM	File folder	
TEMPLATES	9/1/2017 4:25 PM	File folder	
Tools	9/1/2017 4:26 PM	File folder	
Translations	9/1/2017 4:24 PM	File folder	
VSM Studio	9/1/2017 4:25 PM	File folder	
proteus.ini	9/1/2017 4:26 PM	Configuration sett...	1 KB
SampleSearchCache.ini	9/1/2017 4:27 PM	Configuration sett...	683 KB
STARTUP.ini	9/1/2017 4:27 PM	Configuration sett...	1 KB

A dialog box titled "Replace or Skip Files" is displayed, indicating that 23 items from "PATCHED FILES 8.5 SP1" are being copied to the destination. The destination has 20 files with the same names. The dialog offers three options: "Replace the files in the destination" (checked), "Skip these files", and "Let me decide for each file". A "Fewer details" link is also present.

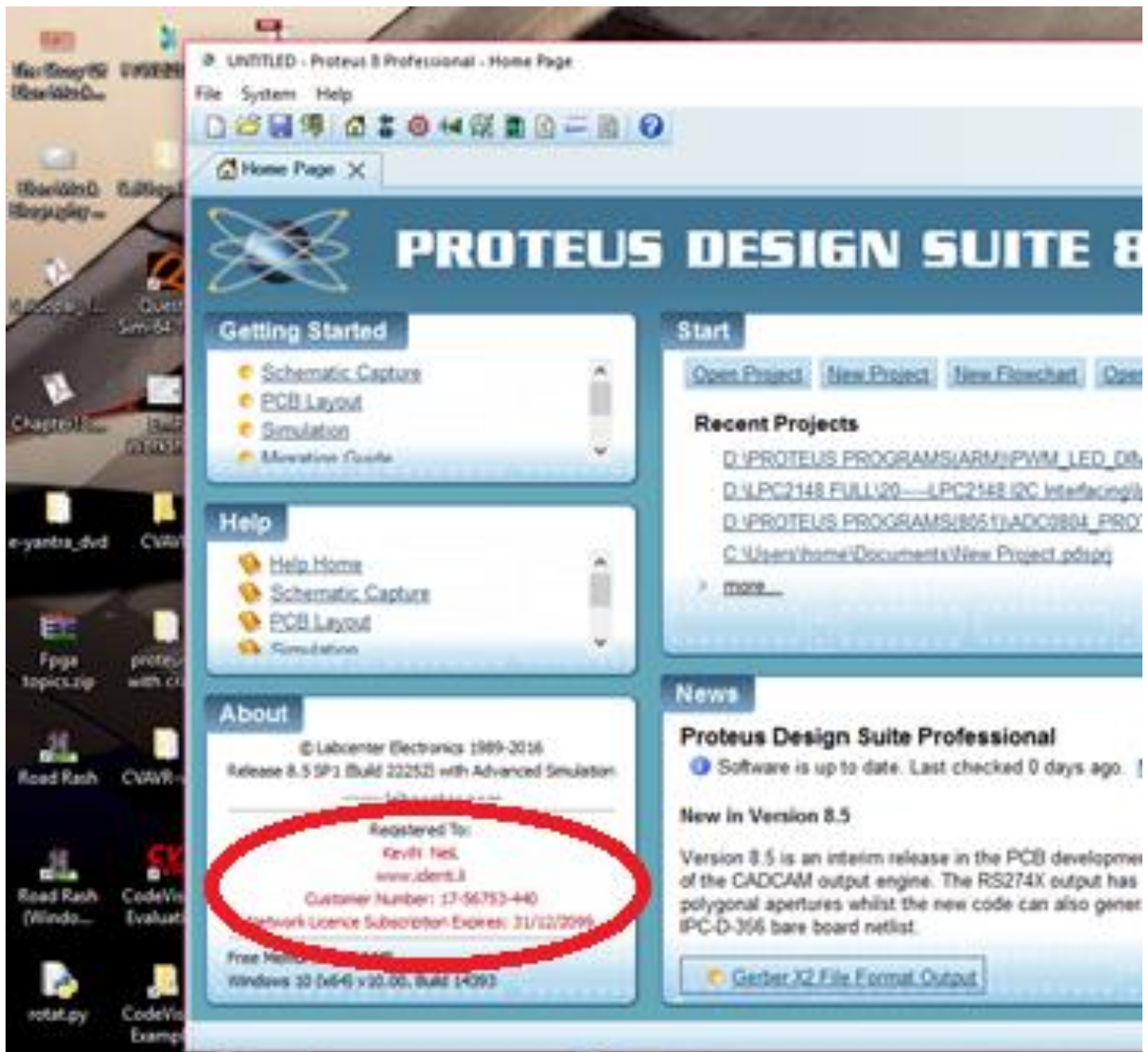
File Explorer window showing the directory structure of the Proteus 8 Demonstration folder. The path is: This PC > Local Disk (C:) > Program Files (x86) > Labcenter Electronics > Proteus 8 Demonstration.

The left sidebar shows the Quick access pane with links to OneDrive, Music, Pictures, This PC, Desktop, Documents, Downloads, ELON MUSK, Music, Pictures, Videos, Local Disk (C:), Local Disk (D:), 10970414, all data, ARDUINO, and data structure.

The main pane displays a list of files and folders:

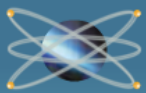
Name	Date modified	Type	Size
<input checked="" type="checkbox"/> BIN	9/1/2017 4:29 PM	File folder	
Datasheets	9/1/2017 4:24 PM	File folder	
Downloads	9/1/2017 4:24 PM	File folder	
DRIVERS	9/1/2017 4:24 PM	File folder	
HELP	9/1/2017 4:25 PM	File folder	
LIBRARY	9/1/2017 4:26 PM	File folder	
LICENCE	9/1/2017 4:25 PM	File folder	
MCAD	9/1/2017 4:26 PM	File folder	
<input checked="" type="checkbox"/> MODELS	9/1/2017 4:26 PM	File folder	
SAMPLES	9/1/2017 4:24 PM	File folder	
Snippets	9/1/2017 4:24 PM	File folder	
TEMPLATES	9/1/2017 4:25 PM	File folder	
Tools	9/1/2017 4:26 PM	File folder	
Translations	9/1/2017 4:24 PM	File folder	
VSM Studio	9/1/2017 4:25 PM	File folder	
proteus.ini	9/1/2017 4:26 PM	Configuration sett...	1 KB
SampleSearchCache.ini	9/1/2017 4:27 PM	Configuration sett...	683 KB
STARTUP.ini	9/1/2017 4:27 PM	Configuration sett...	1 KB





Creating a new project:





# PROTEUS

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## About

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Release 8.5 SP1 (Build 22252) with Advanced Simulation  
[www.labcenter.com](http://www.labcenter.com)

Registered To:  
Kevin\_Neil

### New Project Wizard: Start

#### Project Name

Name

Path

[Browse](#)

☒ New Project ☐ From Development Board ☐ Blank Project

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X2 format as well as an IPC-D-356 bare board netlist.



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### New Project Wizard: Schematic Design

- ☐ Do not create a schematic.  
☒ Create a schematic from the selected template.

#### Design Templates

DEFAULT

- Landscape A0
- Landscape A1
- Landscape A2
- Landscape A3
- Landscape A4
- Landscape US A
- Landscape US B
- Landscape US C
- Portrait A0
- Portrait A1
- Portrait A2
- Portrait A3
- Portrait A4
- Portrait US A
- Portrait US B
- Portrait US C
- Sample Design

C:\Program Files (x86)\Labcenter Electronics\Proteus 8 Demonstration\Templates\DEFAULT.DTF

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### New Project Wizard: PCB Layout

- ☒ Do not create a PCB layout.  
☐ Create a PCB layout from the selected template.

#### Layout Templates

- Arduino MEGA 2560 rev3
- Arduino UNO rev3
- DEFAULT
- Double Eurocard (2 Layer)
- Double Eurocard (4 Layer)
- Extended Double Eurocard (2 Layer)
- Extended Double Eurocard (4 Layer)
- Generic Single Layer
- Single Eurocard (2 Layer)
- Single Eurocard (4 Layer)
- Single Eurocard with Connector

C:\Program Files (x86)\Labcenter Electronics\Proteus 8 Demonstration\Templates\DEFAULT.LTF

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### New Project Wizard: Firmware

- ☒ No Firmware Project
- ☐ Create Firmware Project
- ☐ Create Flowchart Project

Family

Controller

Compiler  [Compilers...](#)

Create Quick Start Files ☒

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### New Project Wizard: Summary

#### Summary

Saving As: C:\Users\home\Documents\Proteus\My\_Prot\_Proj1.pdsprj

- ☒ Schematic
- ☐ Layout
- ☐ Firmware

#### Details

Schematic template: C:\Program Files (x86)\Labcenter Electronics\Proteus 8 Demonstration\Templates\DEFAULT.DTF  
No PCB layout  
No Firmware Project

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Finish

Cancel

Help