



VIVADO Simulator

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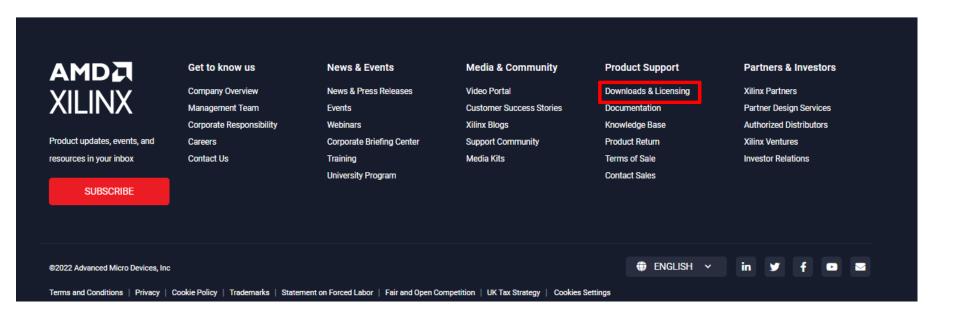


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Version

2022.1

2021.2

2021.1

Vivado Archive

ISE Archive

CAE Vendor Libraries Archive We strongly recommend using the latest releases available.

2020

2020.3

2020.2

Vivado Design Suite - HLx Editions - 2020.2 Full Product Installation Click

Xilinx Unified Installer 2020.2: Windows Self Extracting Web Installer (EXE - 248.44 MB)
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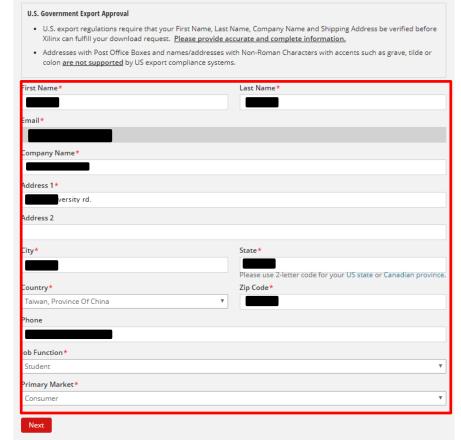
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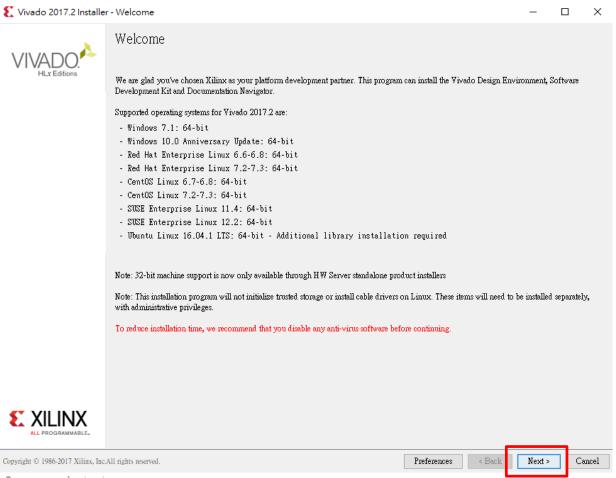
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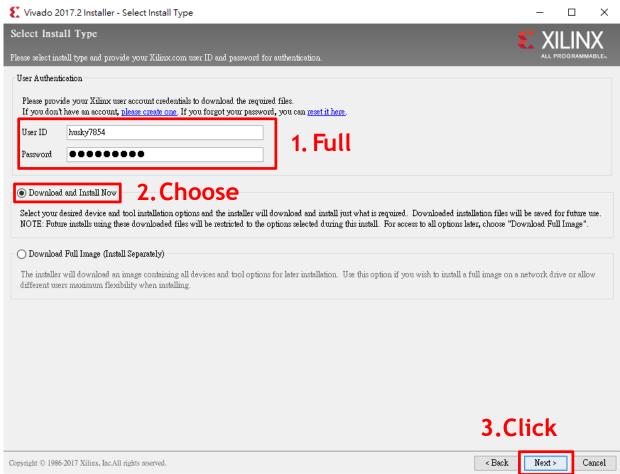


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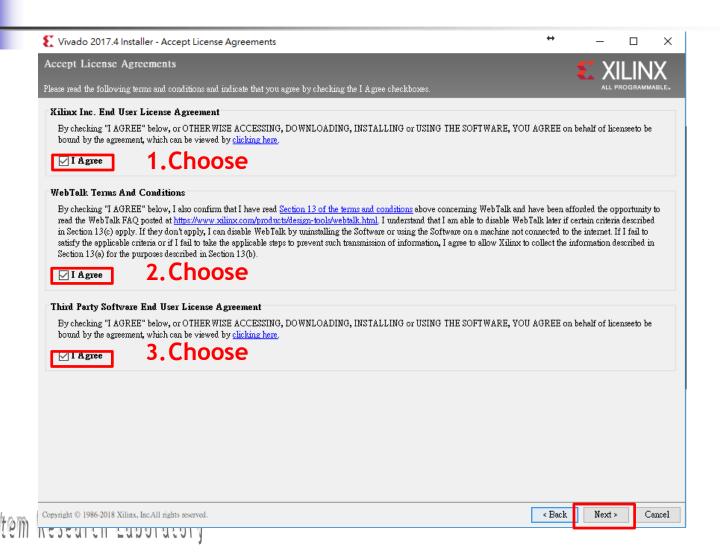




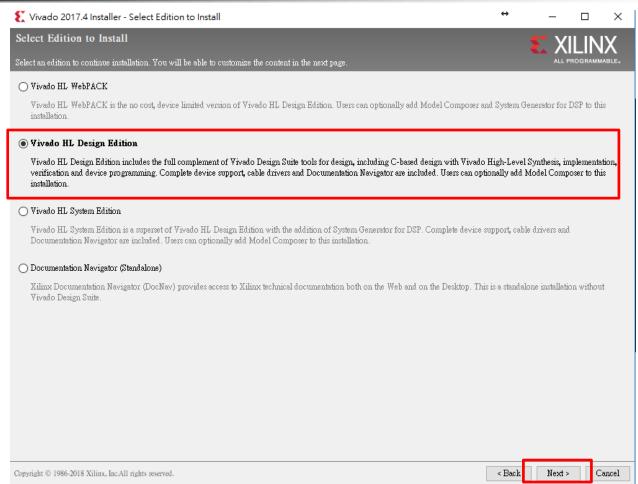




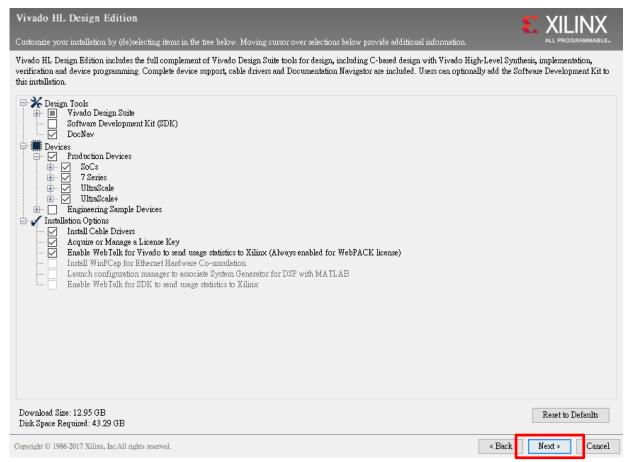




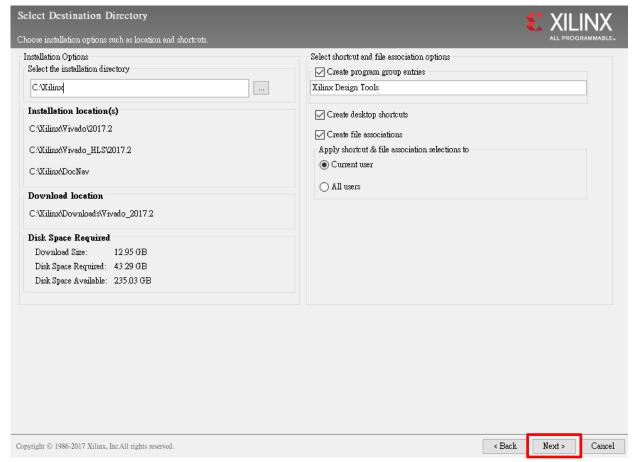




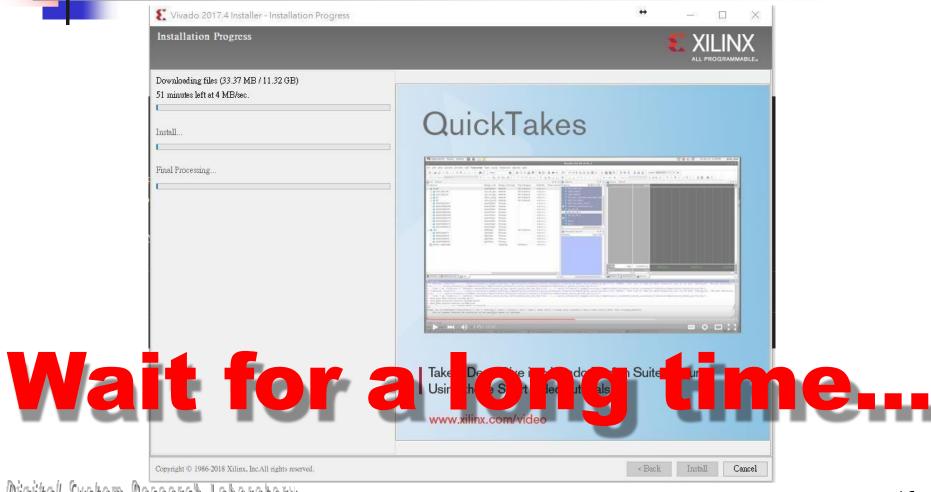






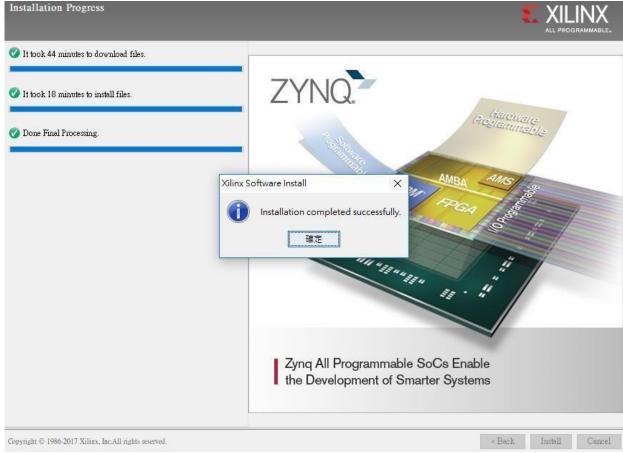








Finish



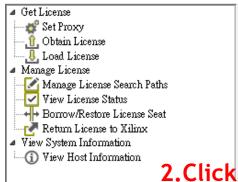












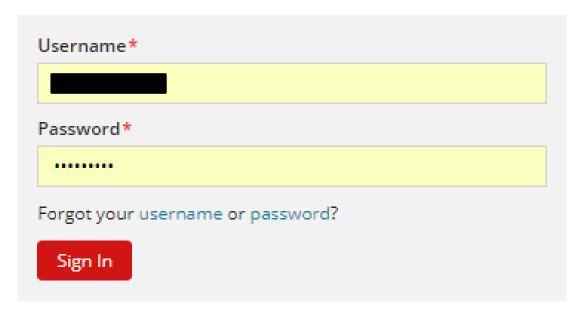
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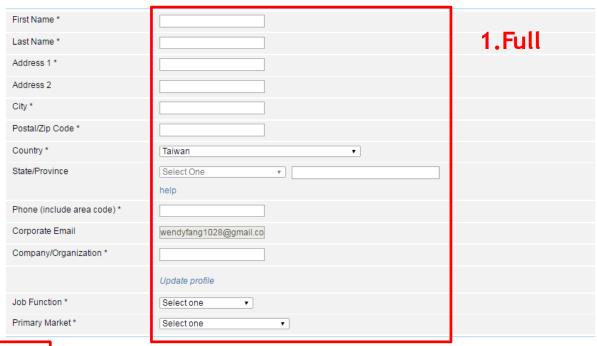
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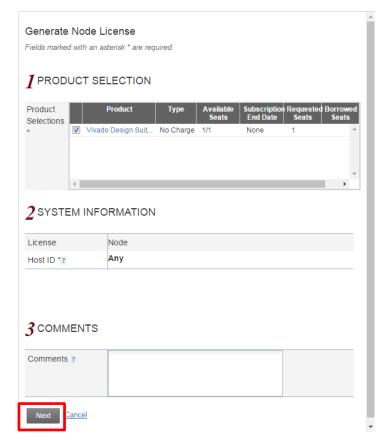
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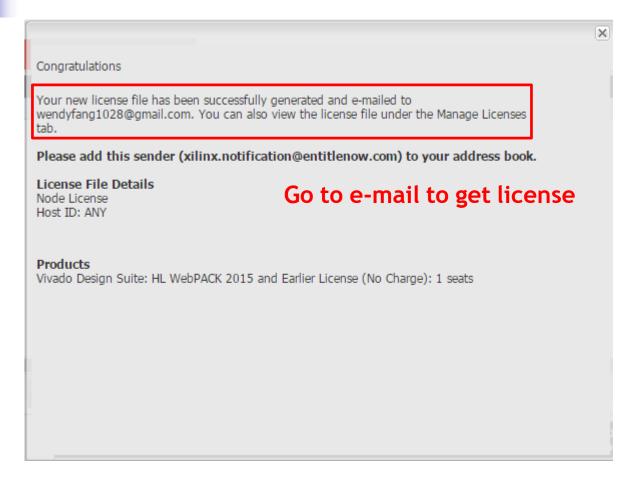
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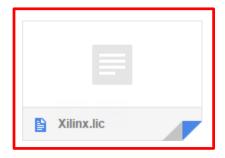




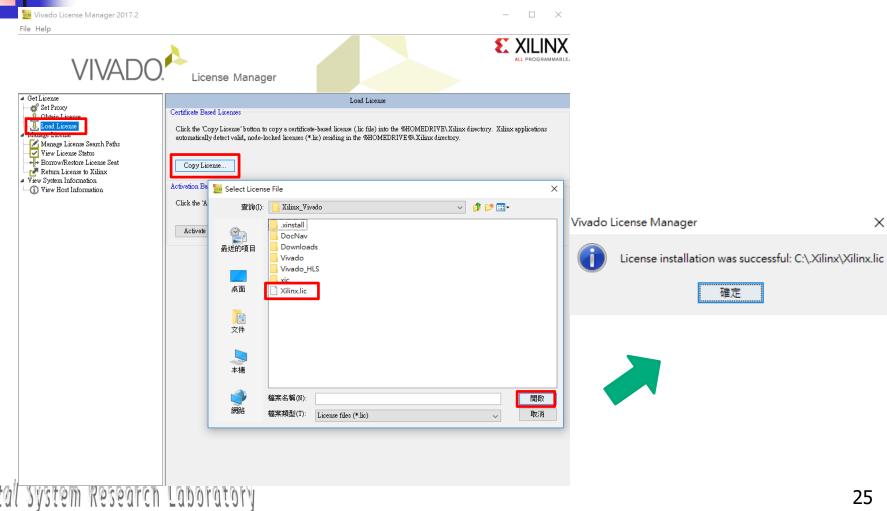
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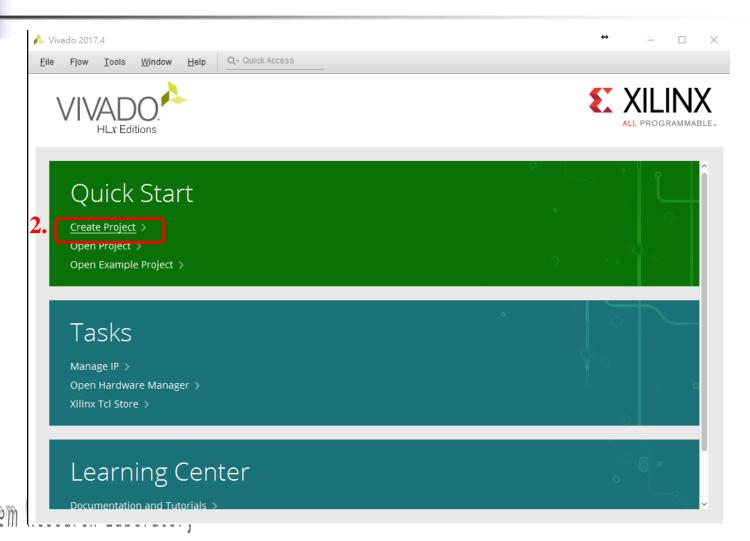








Create a New Project(1/5)







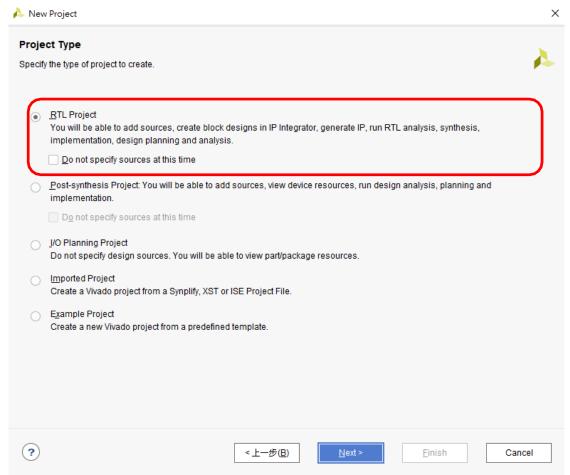
Create a New Project(2/5)

Project Name Enter a name for your project and specify a directory where the project data files will be stored. 1. Project name Project name: project_1 Project location: D:/DCCL Create project subdirectory Project will be created at: D:/DCCL/project_1 < 上一步(B) Finish Cancel

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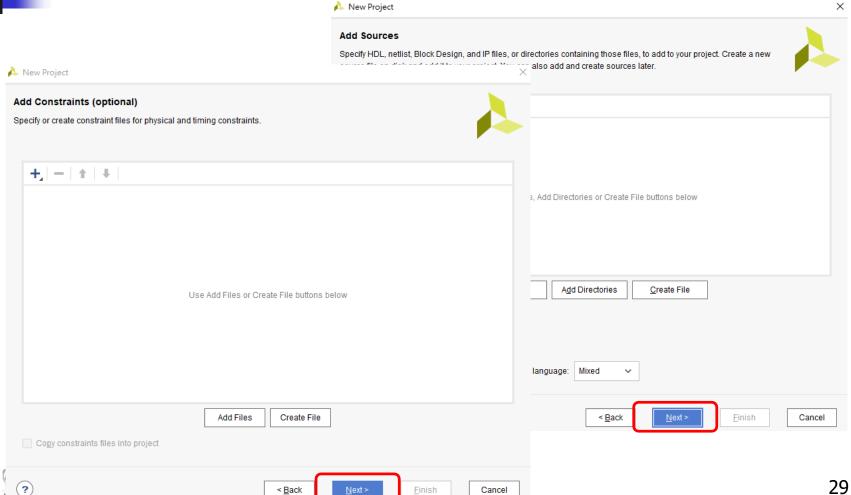


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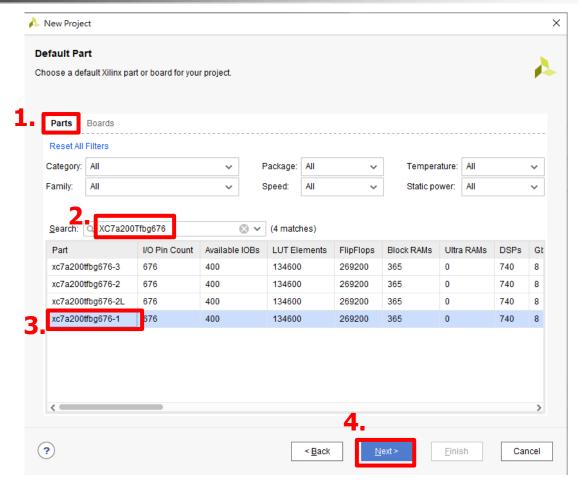


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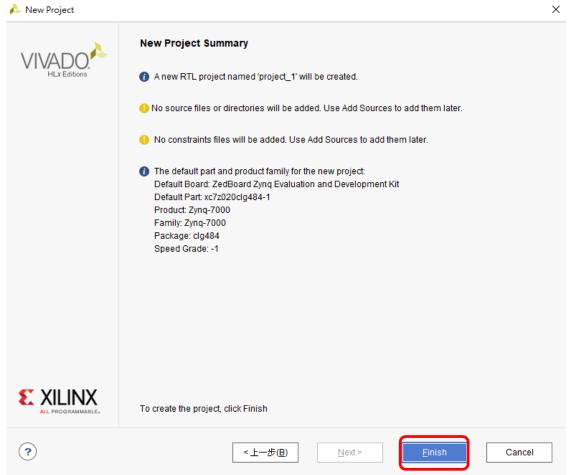


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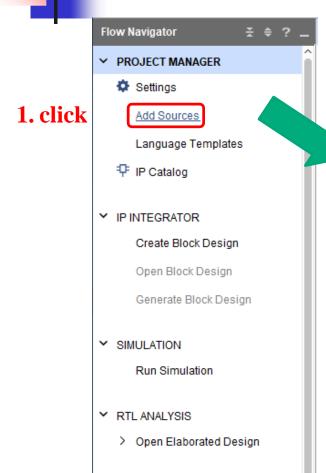


Create a New Project(5/5)





Add Sources(1/3)



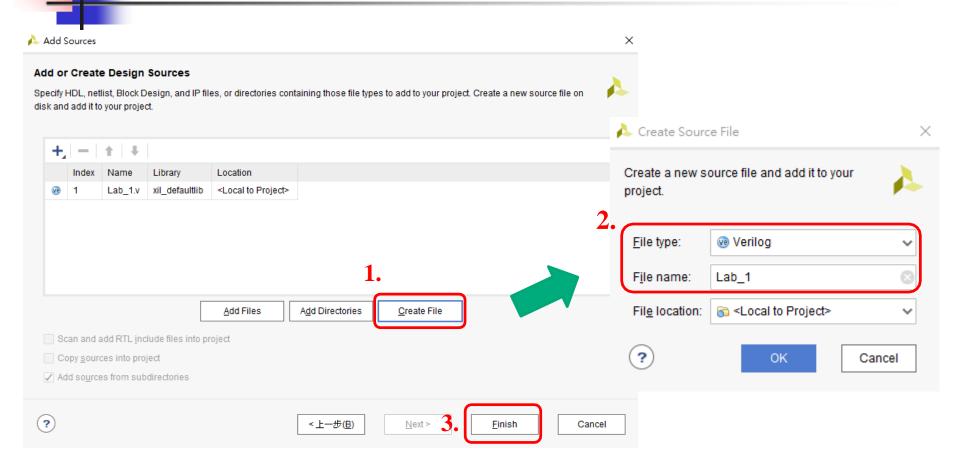
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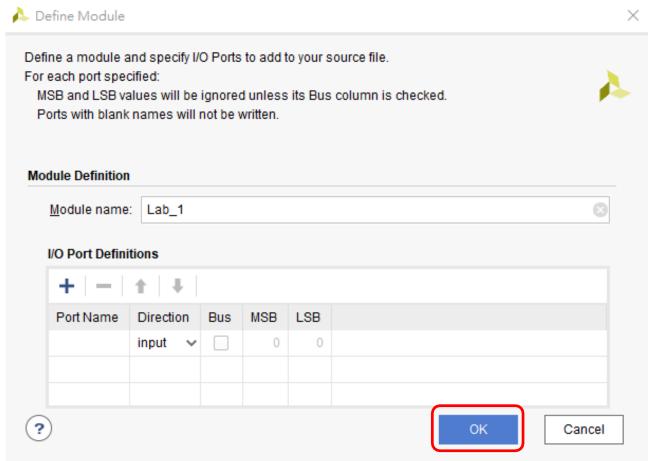


Add Sources(2/3)





Add Sources(3/3)



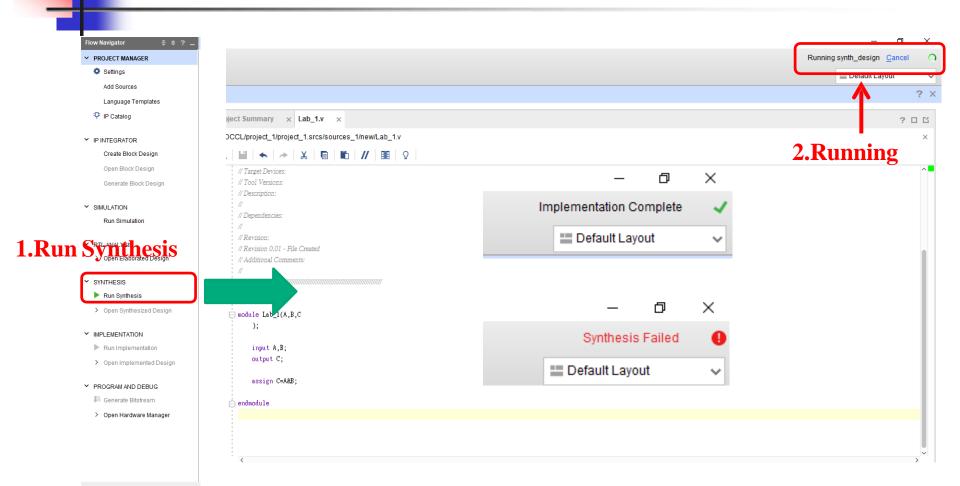


Example for TEST.V

```
module TEST(A,B,C);
input A,B;
output C;
assign
C=A&B;
endmodule
```



After complete TEST.V





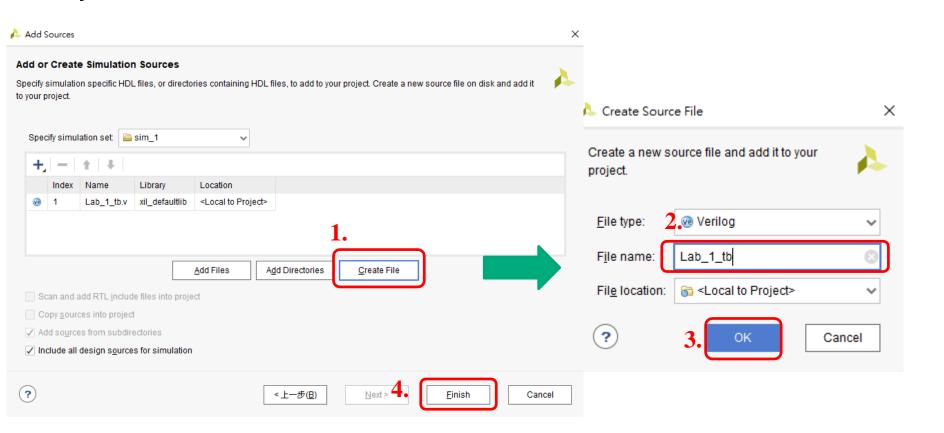
Add TESTBENCH.V(1/2)





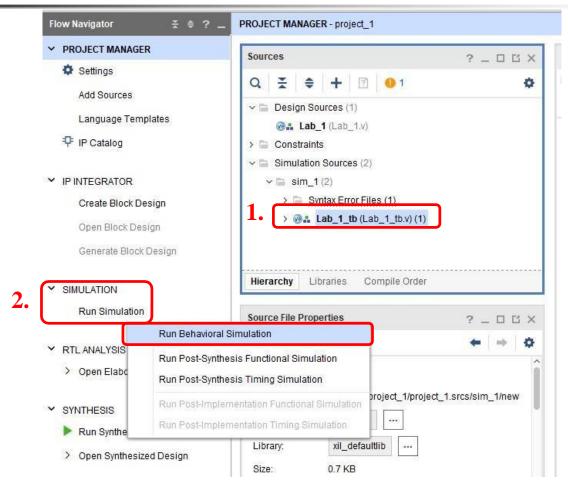


Add TESTBENCH.V(2/2)





Run Behavioral Simulation



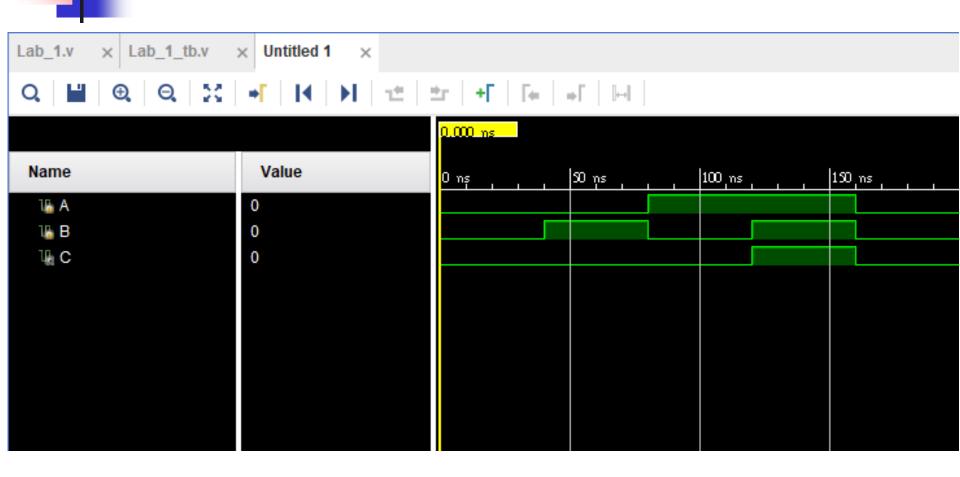


Example for TESTBENCH.V

```
initial begin // Initialize Inputs
    A = 0; B = 0;
// Wait 100 ns for global reset to finish
// Add stimulus here
      A=0; B=0;
#40; A=0; B=1;
#40; A=1; B=0;
#40; A=1; B=1;
#40; A=0; B=0;
end
endmodule
```



Behavioral Simulation Result





Related Links

Xilinx, http://www.xilinx.com



Note

