

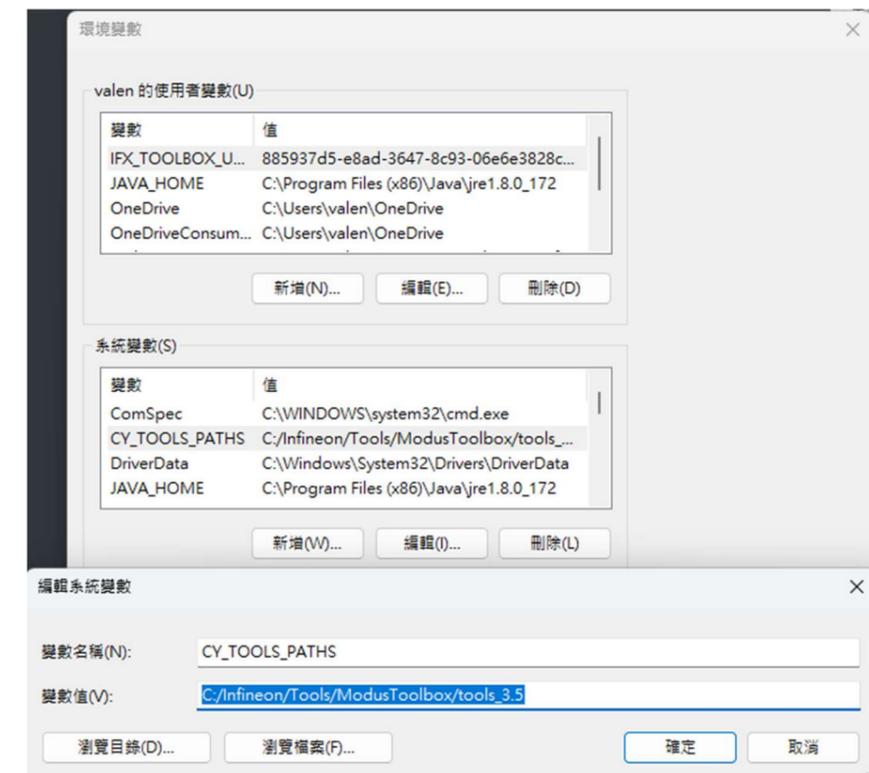
CYW55913 Software develop Setup

Preparation

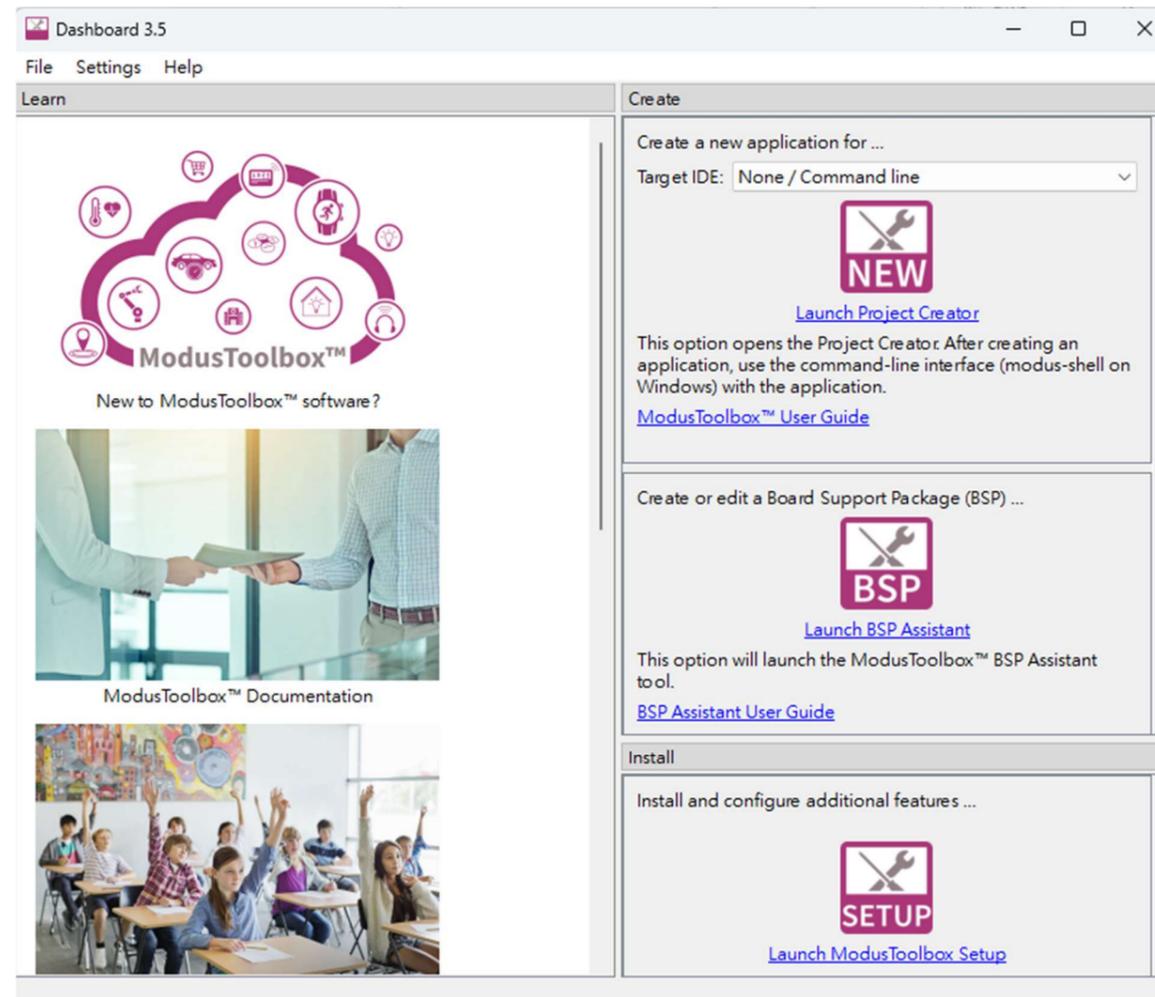
- Download ModusToolbox for Windows
 - <https://softwaretools.infineon.com/tools/com.ifx.tb.tool.modustoolbox>
- Download Eclipse IDE for ModusToolbox
 - <https://softwaretools.infineon.com/tools/com.ifx.tb.tool.mtbeclipse>
- APP Pack
 - cyw55913-mfg-unified-app-master (from ASE)
- Make sure to delete .modustoolbox if you are trying this for the first time with already installed ModusToolbox
 - Default path C:\Users\\.modustoolbox

Environment Variables

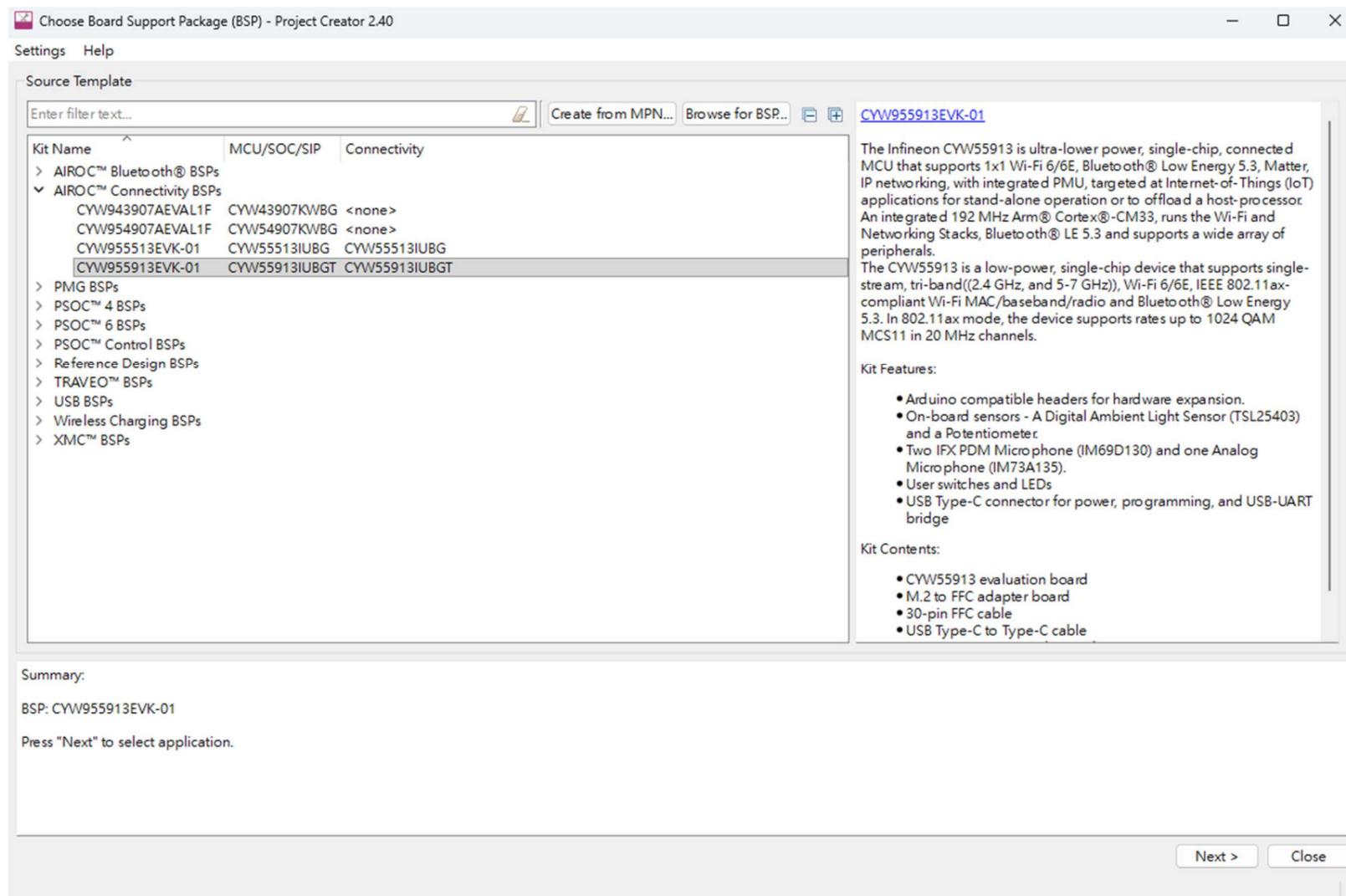
- Set environment variable
 - CY_TOOLS_PATHS=C:/Infineon/Tools/ModusToolbox/tools_3.5
- Some Modus release takes backslash in paths
 - CY_TOOLS_PATHS=C:\Infineon\Tools\ModusToolbox\tools_3.5



Open "ModusToolbox™ 3.5 Dashboard" and click "Launch Project Creator"

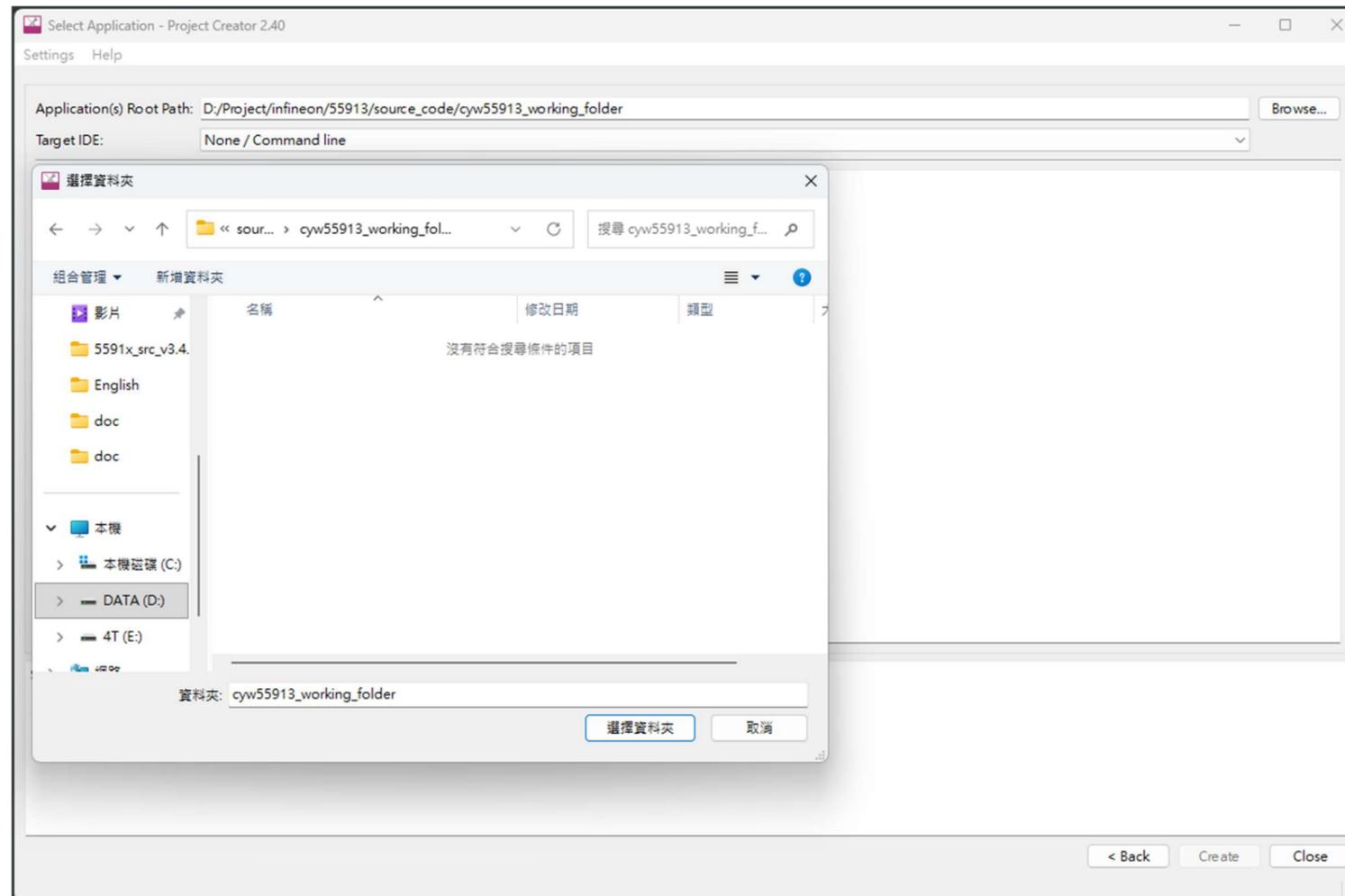


Select "CYW955913EVK-01" from "AIROC Connectivity BSPs" and click "Next"

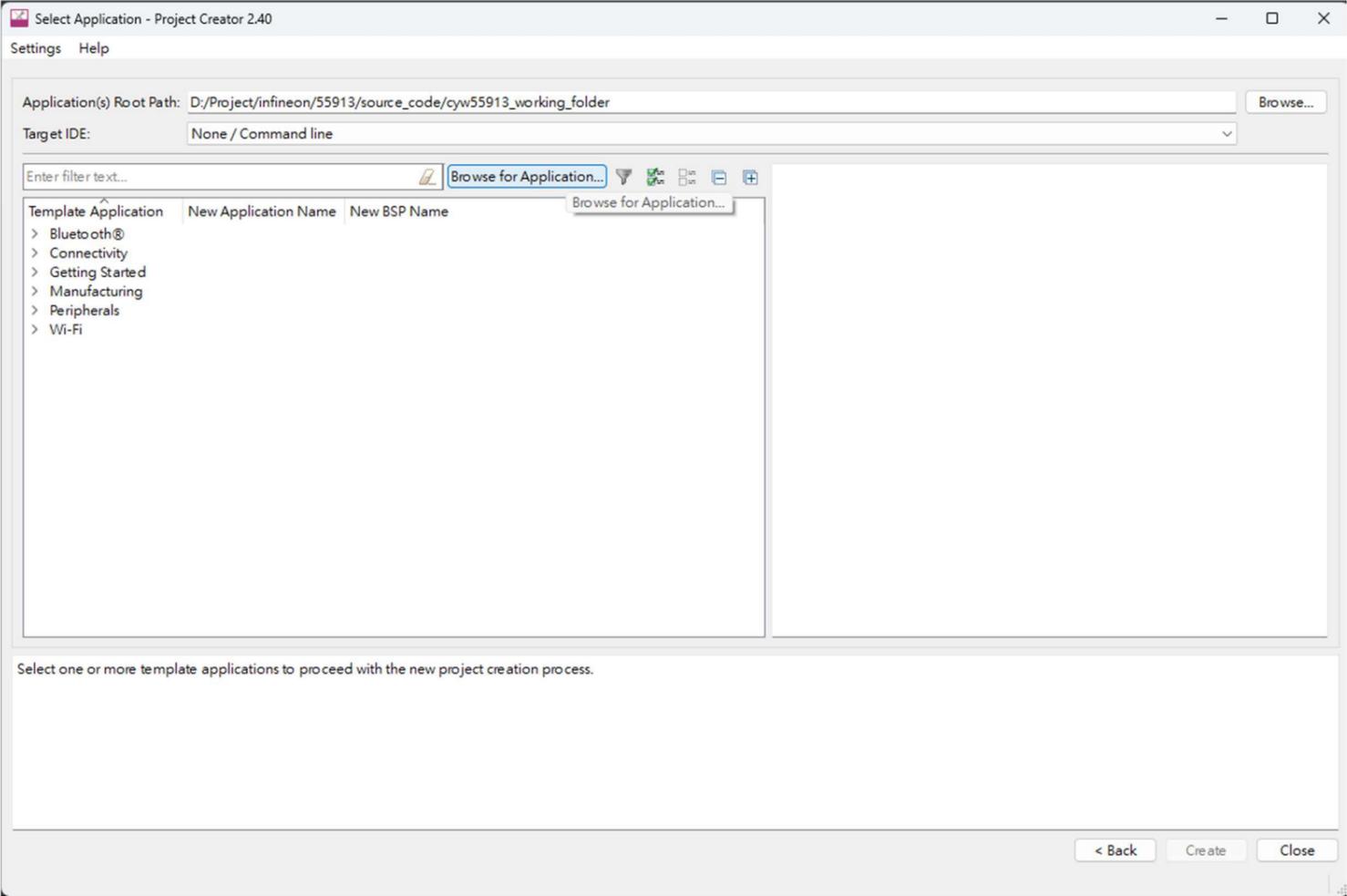


Application(s) Root Path: Select "Browse..."

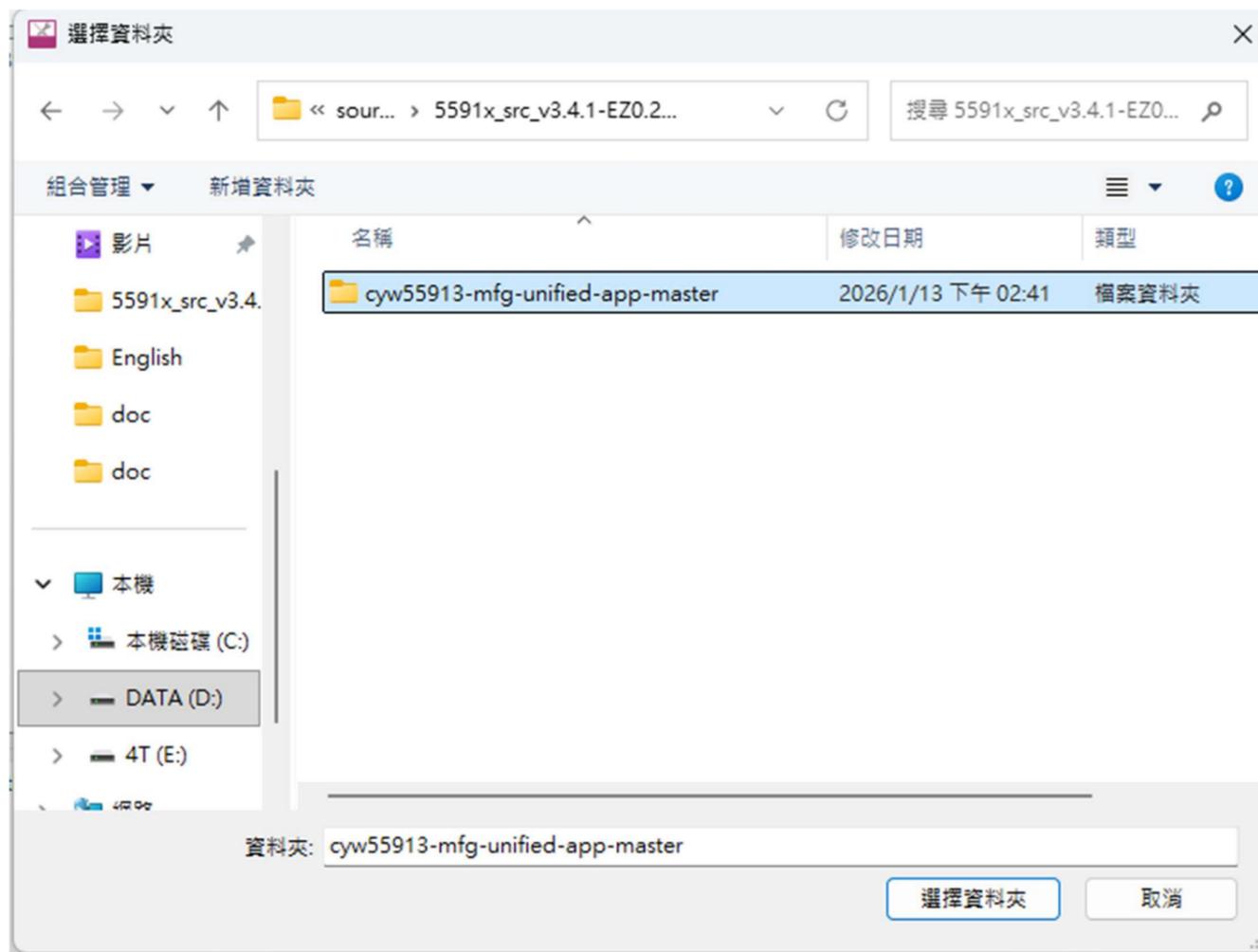
Create the working folder



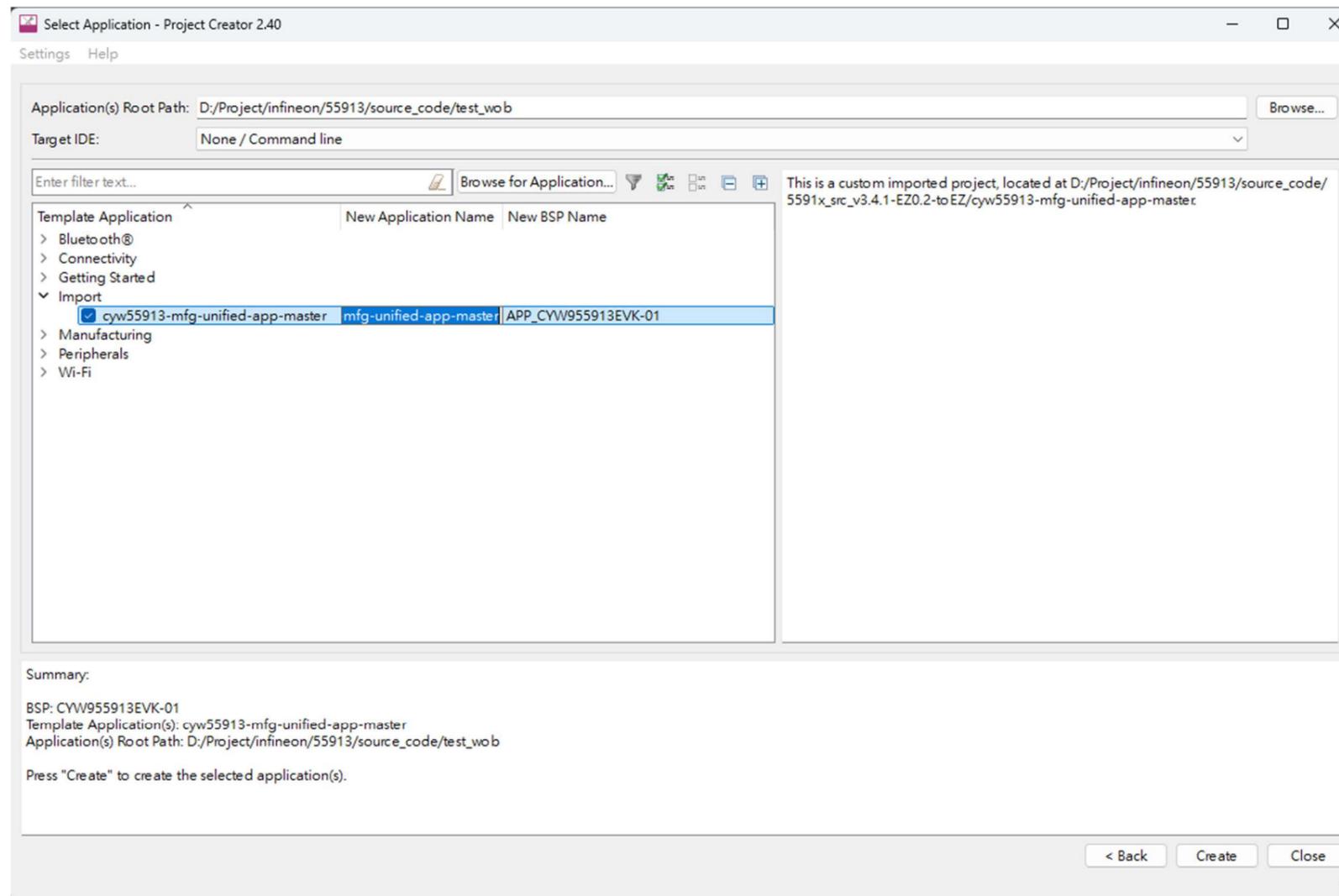
Select "Browse for Application..."



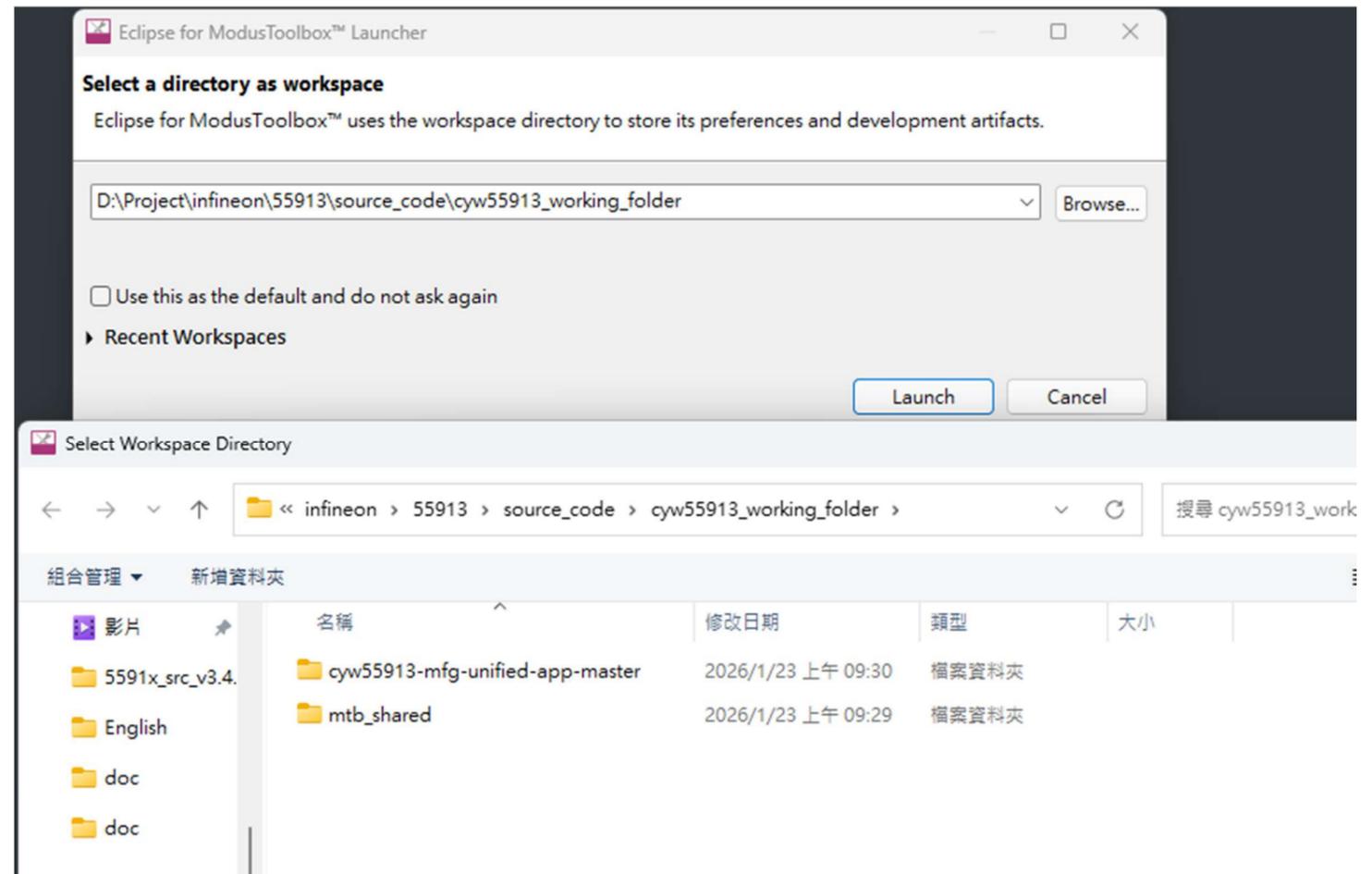
Navigate to "cyw55913-mfg-unified-app-master" and click "Create"



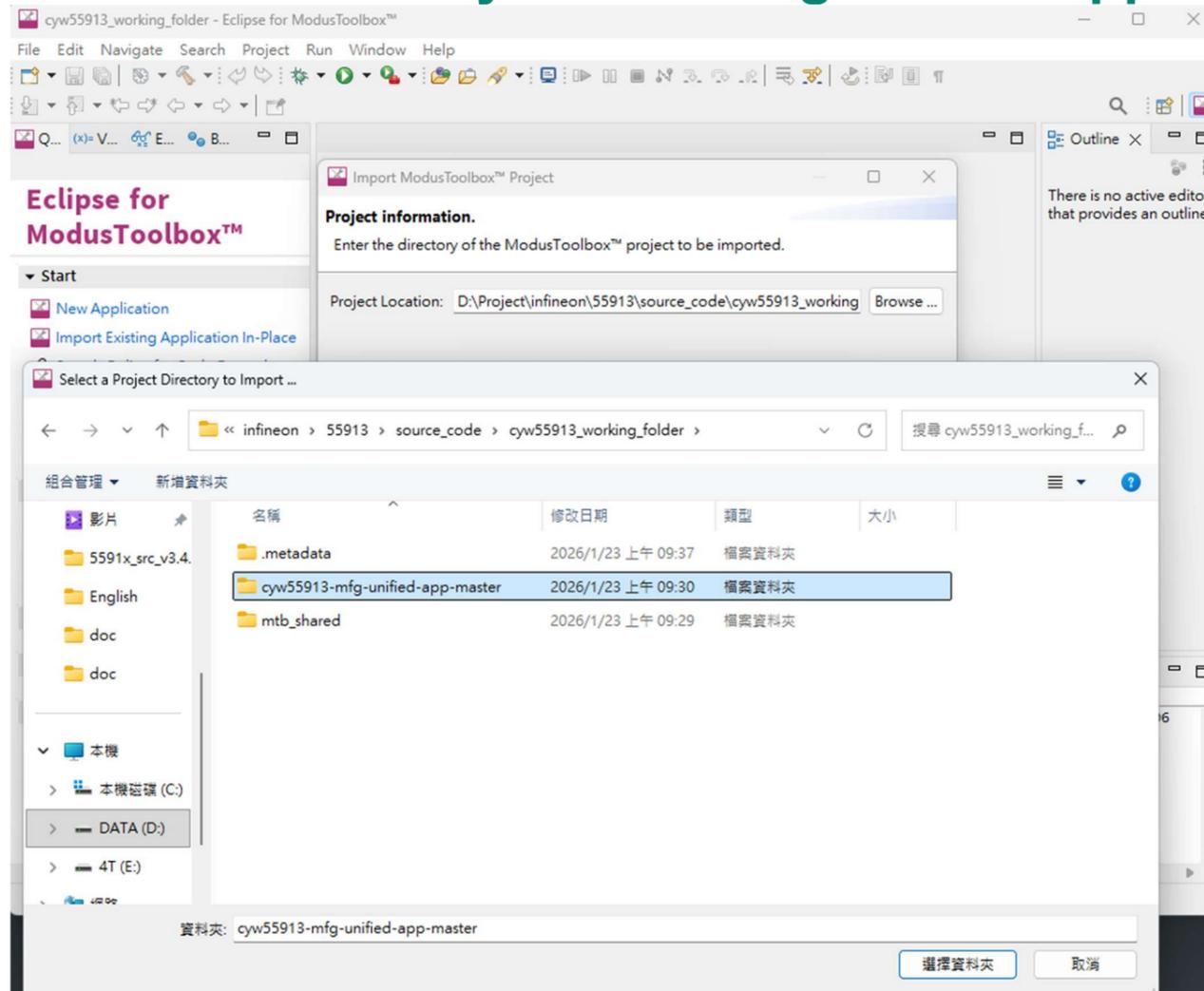
Navigate to "cyw55913-mfg-unified-app-master" and click "Create"



Open "Eclipse for ModusToolbox™" and select the folder that created. And click "Launch".



Click "Import Existing Application In-Place" in the left sidebar.
And select the "cyw55913-mfg-unified-app-master" folder. Then click "finish".



Click "Build All" to build this project

- **Notice:** You may need to update new **nvr**am file before build application. (Please check the following pages for the resources path.)
** replace the nvram file: <worksapce>\mtb_shared\wifi-resources\release-
v2.0.0\nvram\COMPONENT_WIFI6\COMPONENT_55900\COMPONENT_CYW955913SDCM2WLIPA\cyw955913sdcm2wlipa_rev2_01.txt

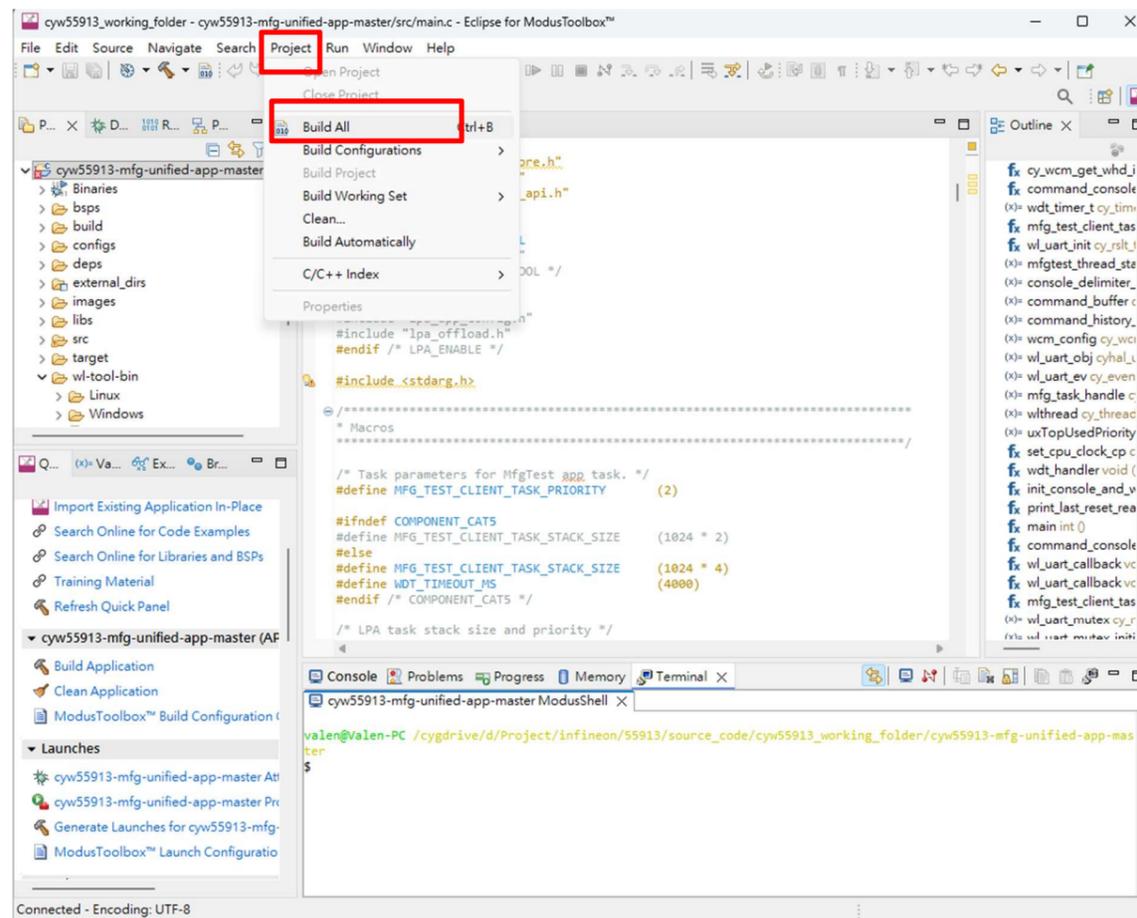
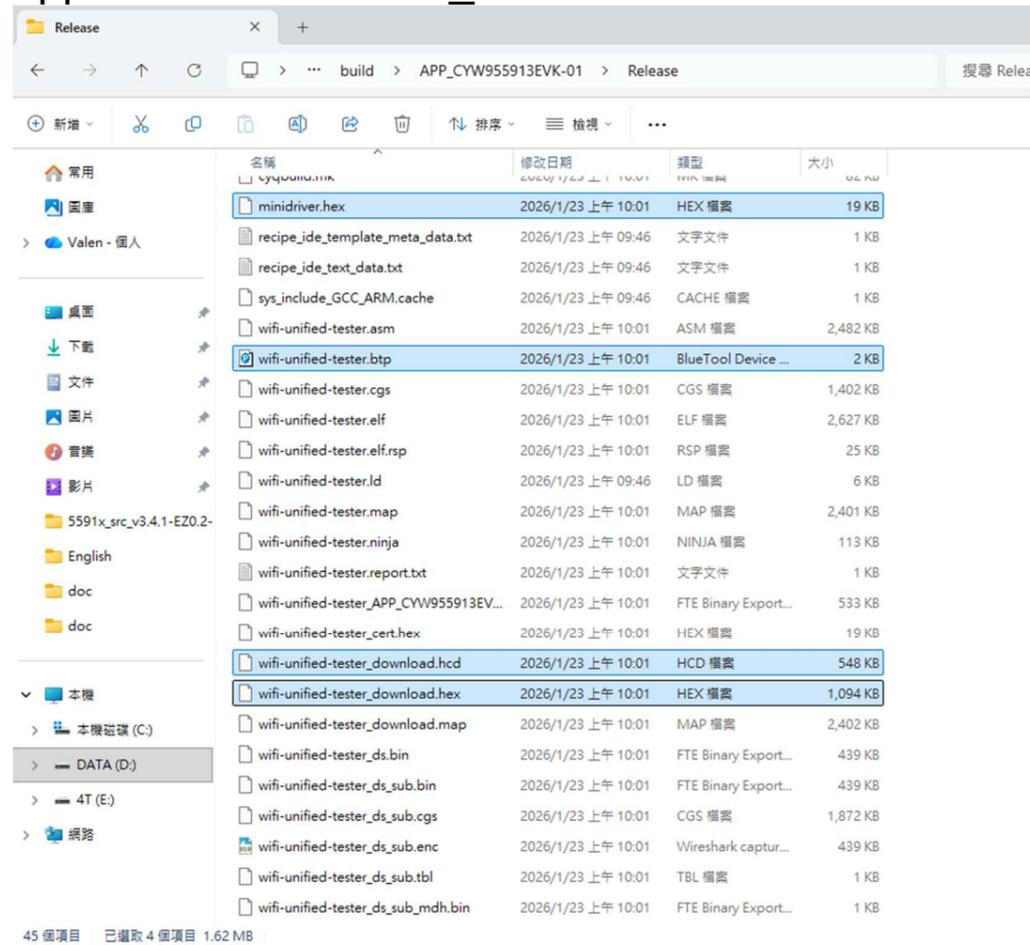


Image location

After build the project, the images will be created in the folder “cyw55913_working_folder\cyw55913-mfg-unified-app-master\build\APP_CYW955913EVK-01\Release”



Wi-Fi NVRAM Location

- <workspace>\mtb_shared\wifi-resources\release-v2.0.0\nvram\COMPONENT_WIFI6\COMPONENT_55900\COMPONENT_CYW955913SDCM2WLIPA\cyw955913sdc2wlipa_rev2_01.txt

