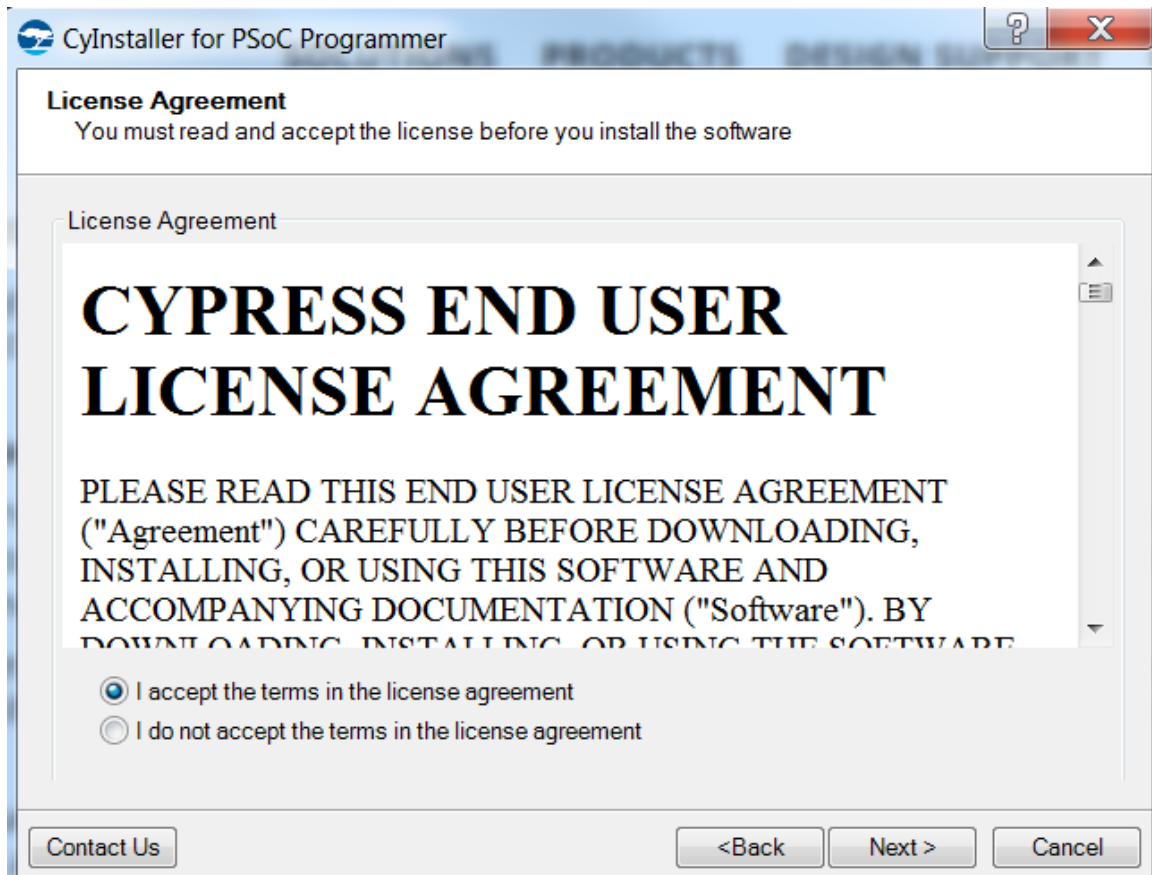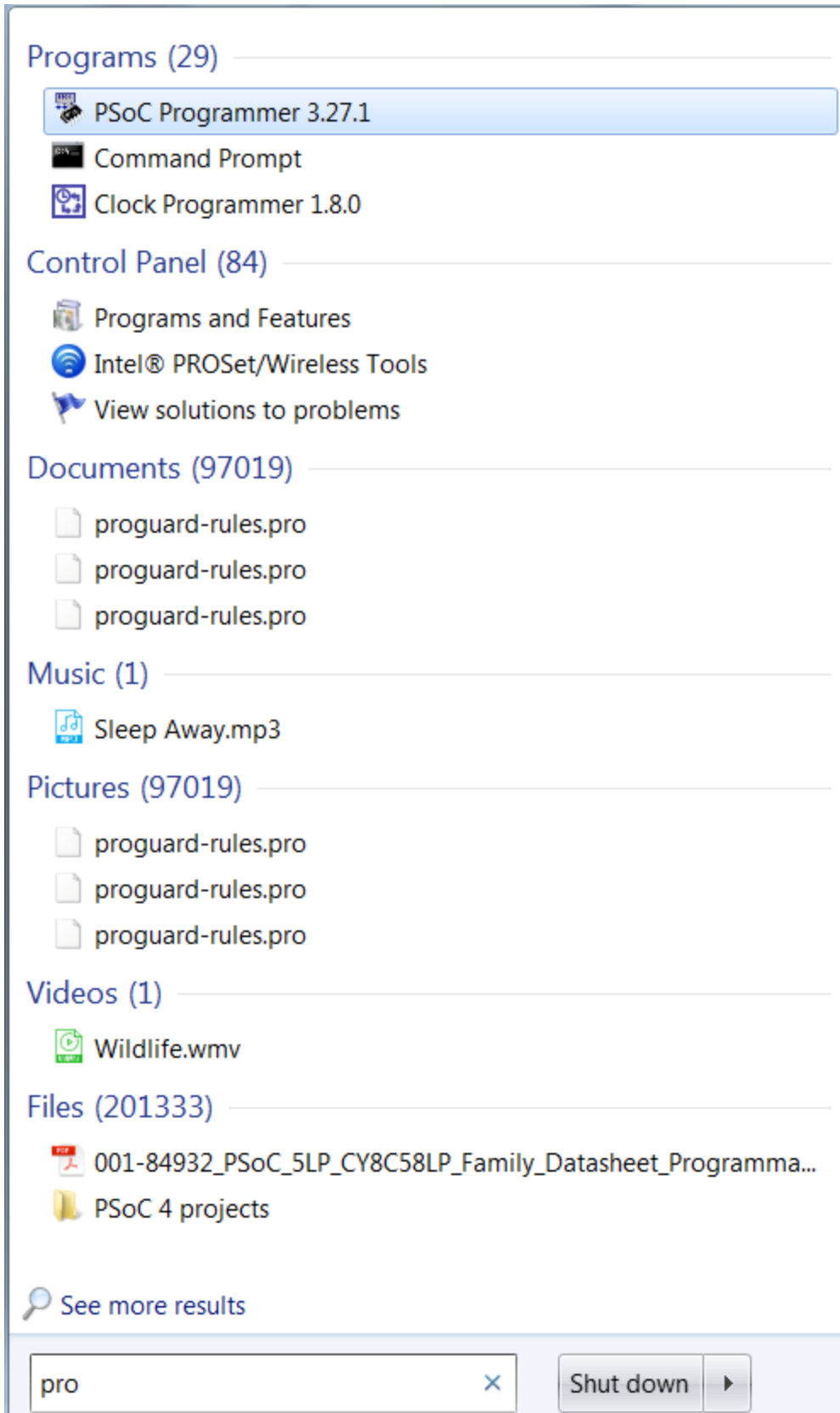# LORA_ARR6501_V2.0 Board Firmware Burning and Testing Description
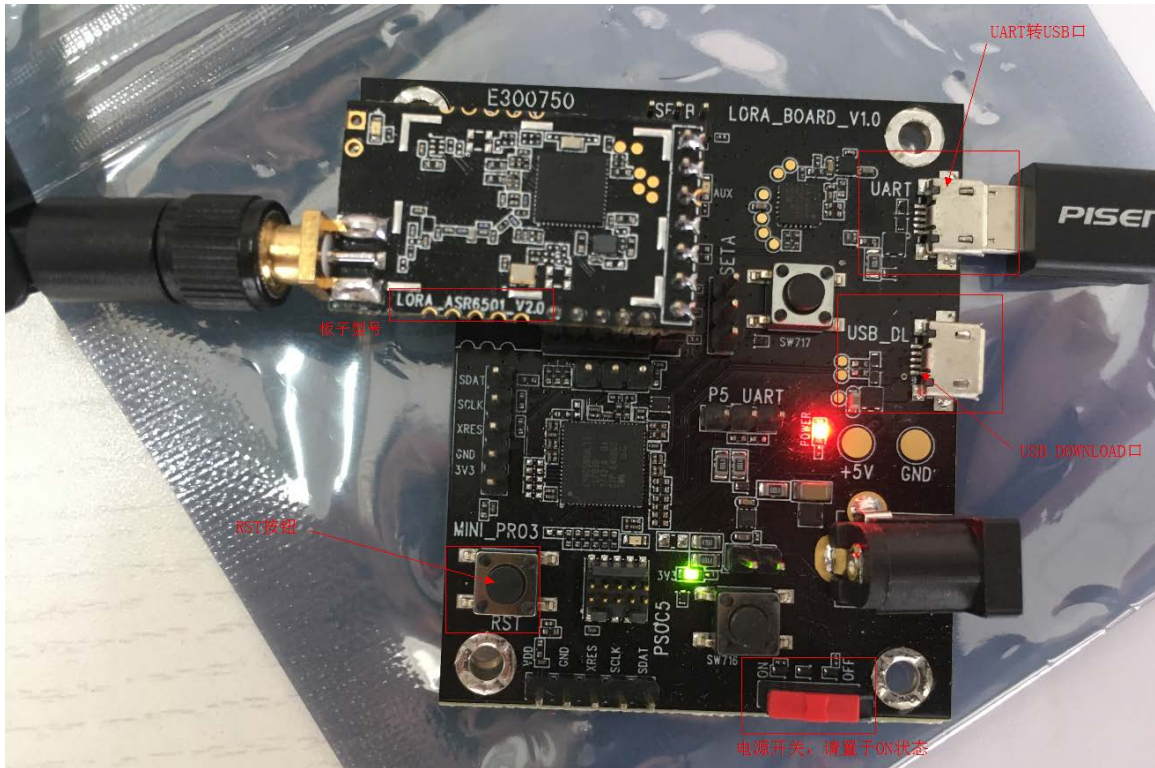
1. USE PSoC Programmer 3.27.1. The installation package in the windows is PSoCProgrammer 3.27.1.3121.msi. The download address is http://www.cypress.com/products/psoc-programming-solutions.

2. Install PSoC Programmer, select "Typical", accept "License Agreement", and select "Next" to complete the installation.
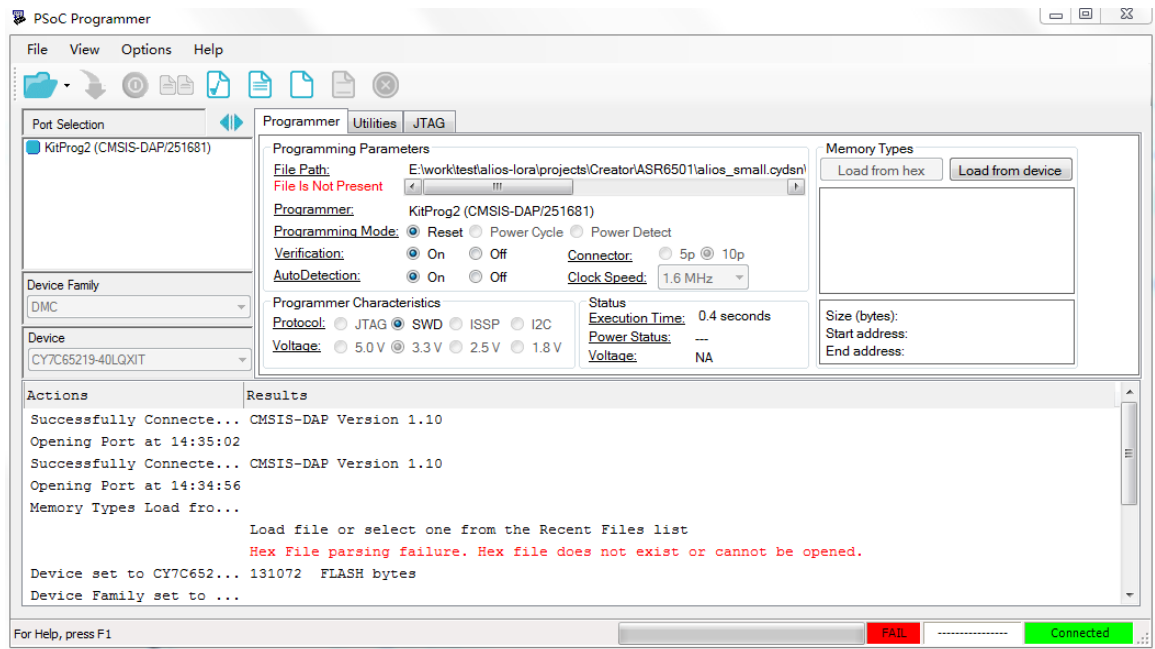

3. In Windows 7, enter "pro" in the "Search programs and files" dialog box, and the following search results appear. Select and run "PSoC Programmer 3.27.1".

Programs (29)

PSoC Programmer 3.27.1
Command Prompt
Clock Programmer 1.8.0

Control Panel (84)

Programs and Features
Intel® PROSet/Wireless Tools
View solutions to problems

Documents (97019)

proguard-rules.pro
proguard-rules.pro
proguard-rules.pro

Music (1)

Sleep Away.mp3

Pictures (97019)

proguard-rules.pro
proguard-rules.pro
proguard-rules.pro

Videos (1)

Wildlife.wmv

Files (201333)

001-84932_PSoC_5LP_CY8C58LP_Family_Datasheet_Programma...
PSoC 4 projects

See more results

pro   ×   Shut down ▶

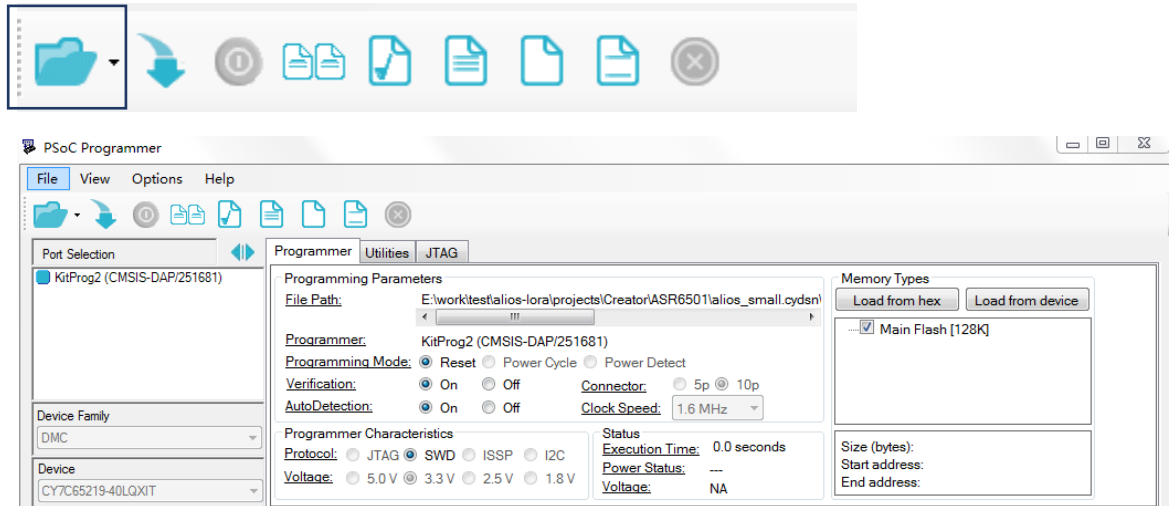4. LORA_ASR6501_V2.0 board picture is shown below.

5. Connect the USB_DL port of LORA_ASR6501_V2.0 base board and PC with the MicroUSB Cable. After installing the driver, the following information appears on the PSoC Programmer tool.
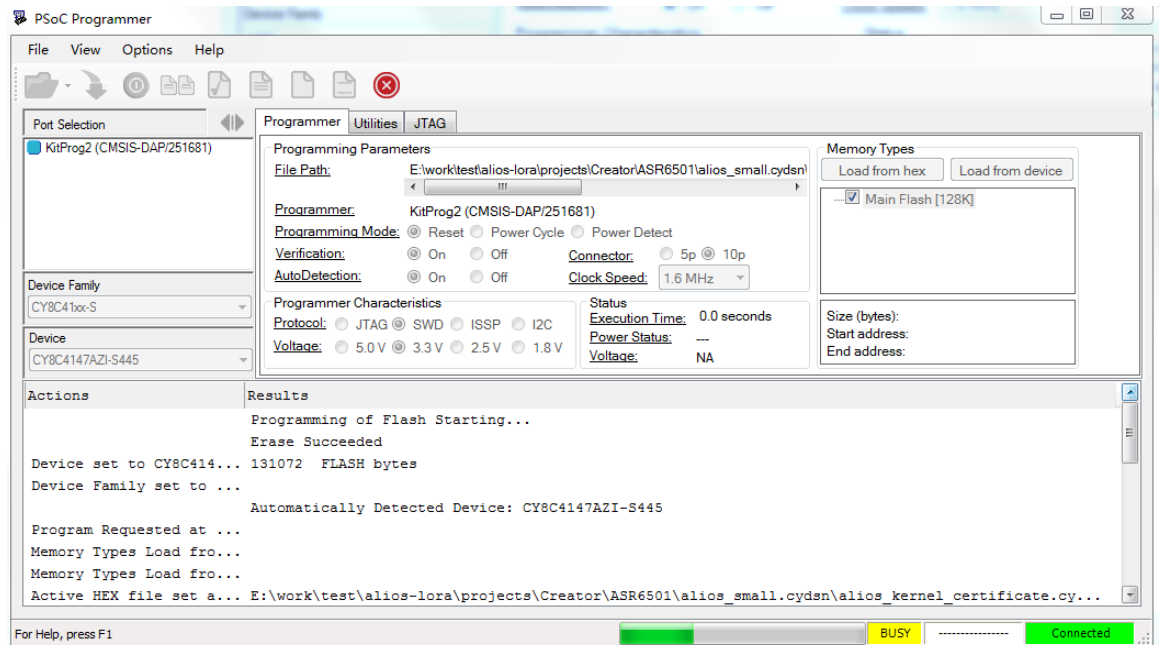

6. AliOS Firmware Burning

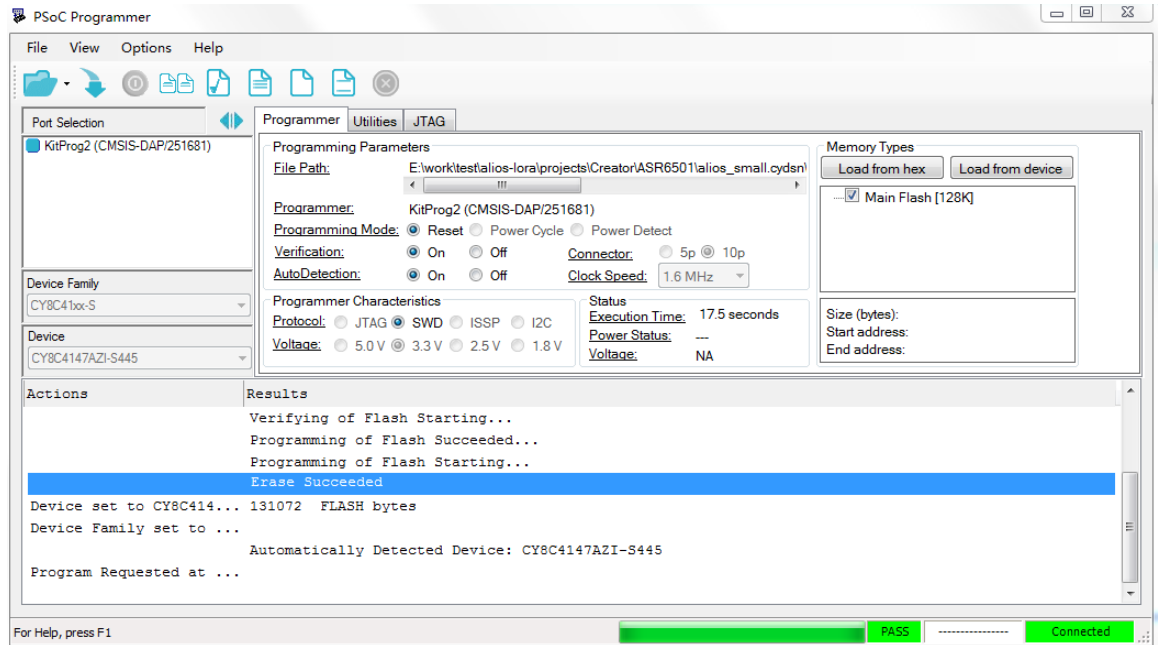a) Click on the "Folder" button and select the uploaded file "alios_kernel_certificate.hex".

b) Click on the "Program" button and wait for download complete.

Be downloading

Download complete

7. Restart Authentication Testing

The device needs to be restarted when using the authentication test tool. Please note when restarting:

1) Unplug the MicroUSB Cable of USB_DL Port

2) Plug the MicroUSB Cable into the UART Port

3) Press the "RST" button on the base board to restart the test