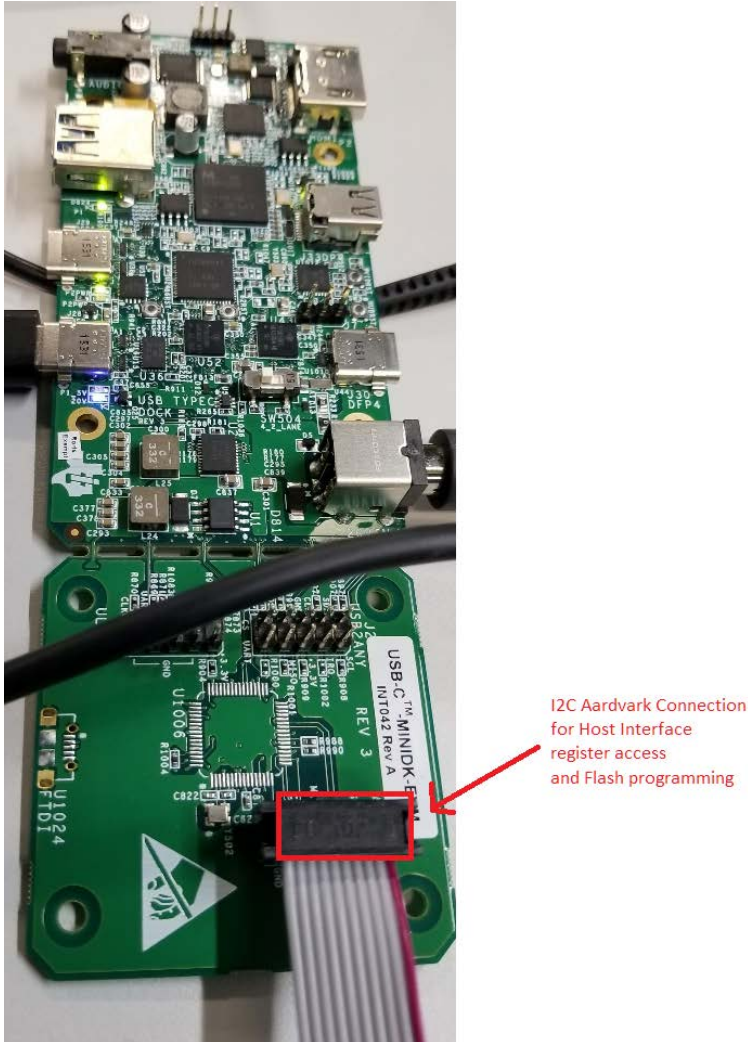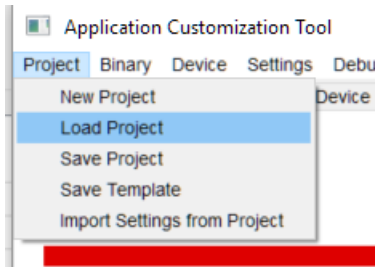# Mini-Dock Programming Guide

1. Supply power to the board via barrel jack or type-C port: J31 or J30
2. Attach Aardvark I2C controller to J17 as shown below:



3. Invoke TPS65981_2_6 GUI.
4. Select Project => Load project then load the .prj file.

5. Ensure the latest binary file is selected in the Firmware Base Image. The latest file is typically auto loaded based upon the binary in the GUI install folder. If the older .bin or no .bin is loaded, click change file button then select the latest .bin file.
The example below shows v0001_12_08.bin as it was the latest at the time of this doc release.
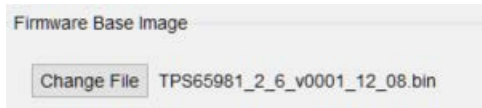
6. Select Device => Flash App Firmware to Device.
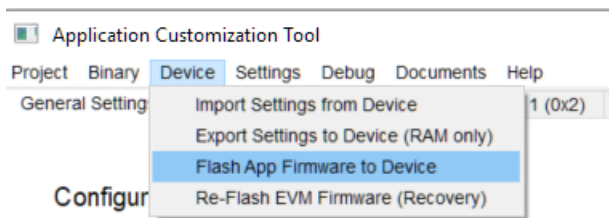
7. Pop up window as shown below would appear upon selection of "Flash App Firmware to Device". Click "OK" button.
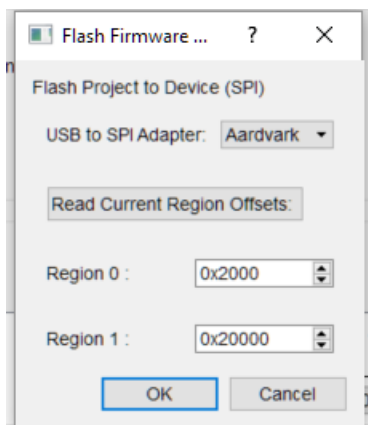
8. Programming starts, programming progress bar appears as shown below:
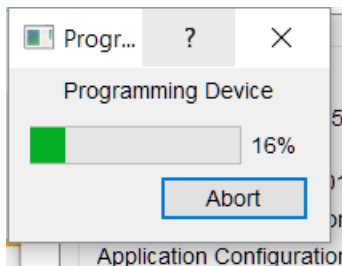
9. At the end of successful flash programming, "SPI Flash to Device successful" pop-up window appears. Click OK. Now you are ready to dock and roll all you want with TIDA-01234.

Flash Firmware t...   ?   ✕

Flash Project to Device (SPI)

Flash to Device   ✕

SPI Flash to Device successful.

OK

Region 1 :   0x20000

OK   Cancel
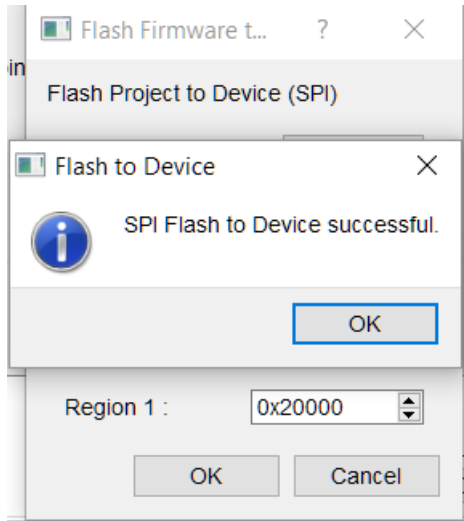
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