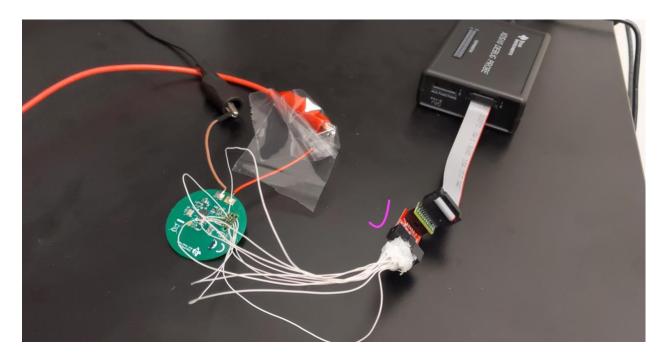
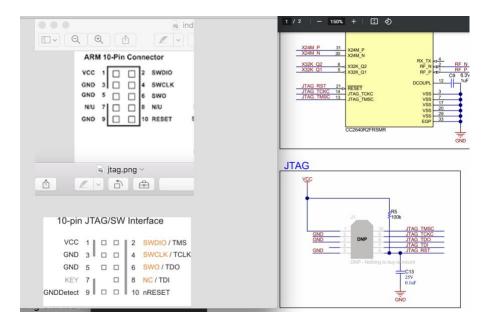
The purpose of our project is to build and download the embedded firmware into TIDA-01624. Our experimental set-up is the following:



We are using a standalone XDS110 debugger for programming purpose. The jtag connections on the board and the debugger are the following. We have connected all the 10 pins of the TIDA-01624 to the 10 pin adapter of XDS110 debugger. I have checked the voltage of VTRef pin of the XDS110 and it is 3.3 V (the external power supply to the TIDA board is also 3.3 V)

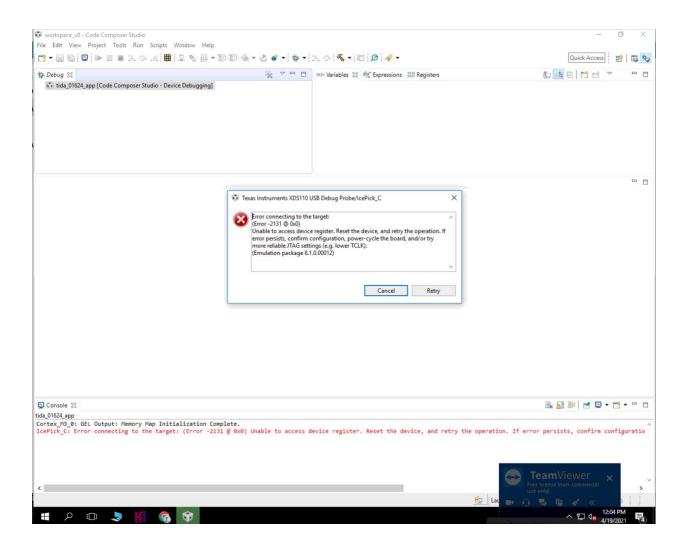


Debugging steps:

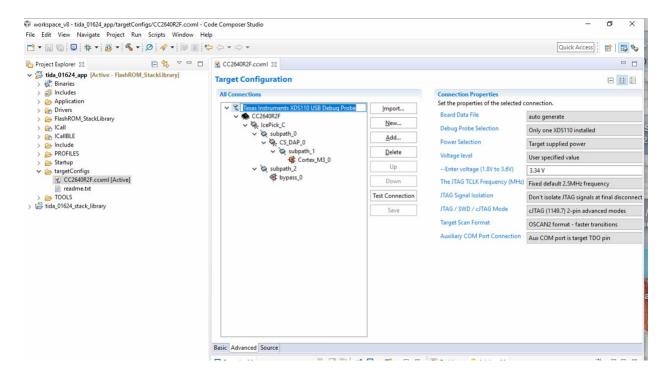
For debugging/loading the embedded firmwire to TIDA-01624, I followed the steps (3.1.1 to 3.1.2.2) of the following document:

https://www.ti.com/lit/ug/tidudw4a/tidudw4a.pdf?ts=1618931326166&ref_url=https%253A% 252F%252Fwww.ti.com%252Ftool%252FTIDA-01624)

The building of the project is successful. However, when I hit the debug button I got the following error:



The target configuration is the following:



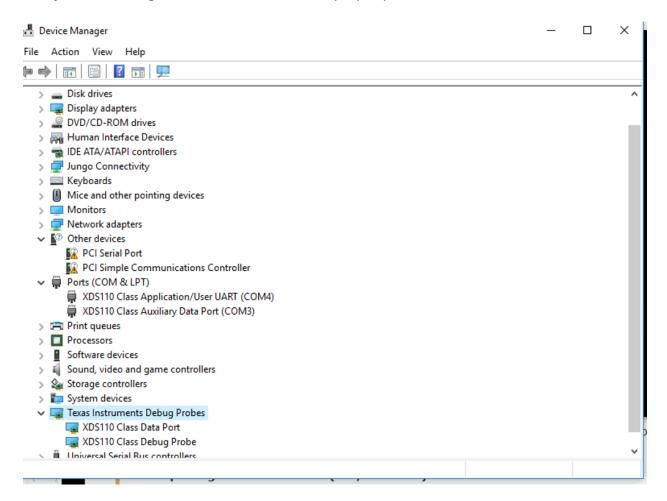
I have also tried by changing the clock frequency to 1 MHZ, and got error.

In test connection option, I got the following error:

```
The scan-path will be reset by toggling the JTAG TRST signal.
The controller is the XDS110 with USB interface.
The link from controller to target is direct (without cable).
The software is configured for XDS110 features.
The controller cannot monitor the value on the EMU[0] pin.
The controller cannot monitor the value on the EMU[1] pin.
The controller cannot control the timing on output pins.
The controller cannot control the timing on input pins.
The scan-path link-delay has been set to exactly '0' (0x0000).
-----[An error has occurred and this utility has aborted]------
This error is generated by TI's USCIF driver or utilities.
The value is '-233' (0xffffff17).
The title is 'SC_ERR_PATH_BROKEN'.
The explanation is:
The JTAG IR and DR scan-paths cannot circulate bits, they may be broken.
An attempt to scan the JTAG scan-path has failed.
The target's JTAG scan-path appears to be broken with a stuck-at-ones or stuck-at-zero fault.

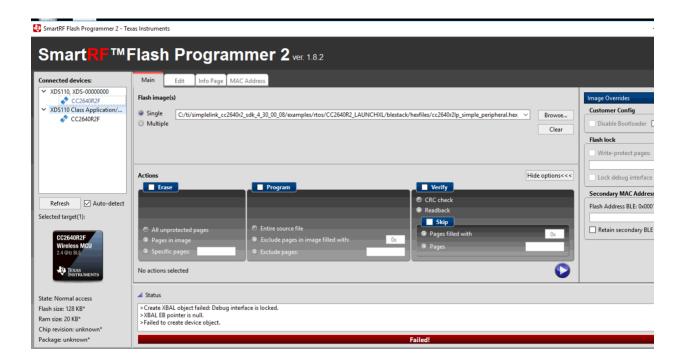
[End: Texas Instruments XDS110 USB Debug Probe]
```

In my device manager, I can see that XDS110 is properly connected:



Can you please help me to fix this issue, so that I can download the embedded firmware into my TIDA-01624? I really appreciate your help.

For your information, as a test I used flash programmer 2 to see if I can connect to CC2640R2F chip. I used 2 pin cjtag mode in flash programmer 2. However, when I hit the connect option, I got the following error:



I tried to update the bootloader and serial number as you suggested from: https://software-dl.ti.com/ccs/esd/documents/xdsdebugprobes/emu_xds110.html

However, I got the following error (next page) in my command prompt when I followed the steps:

TIDA-01624 debugging help

