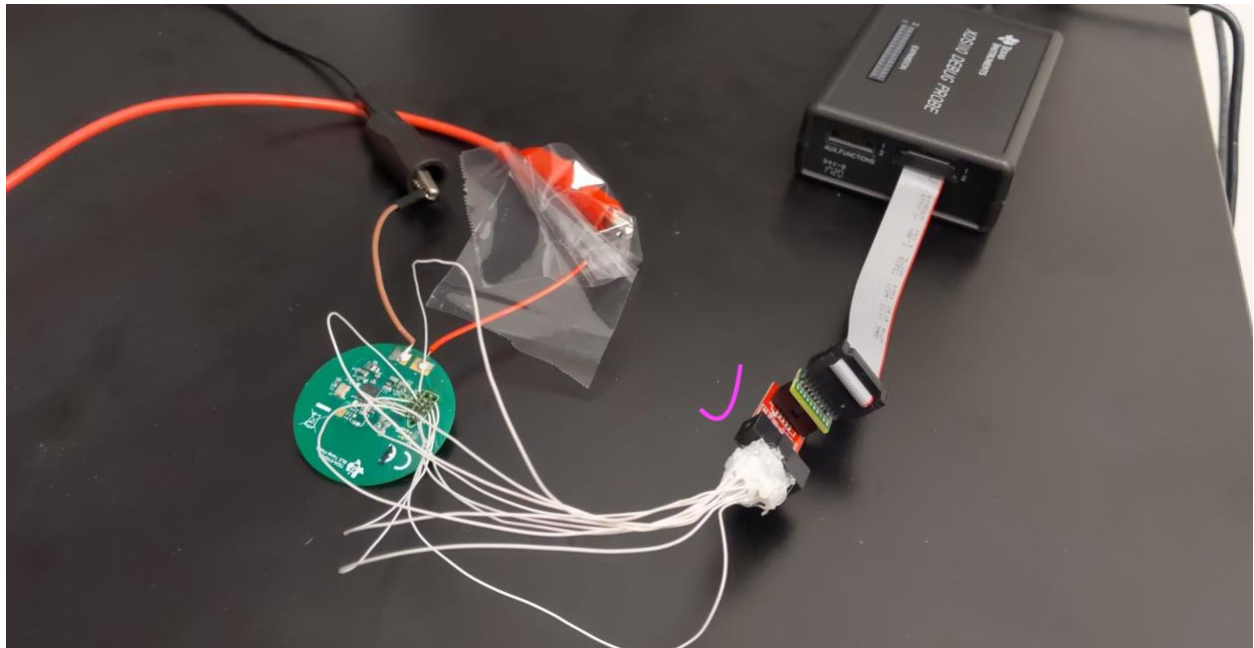
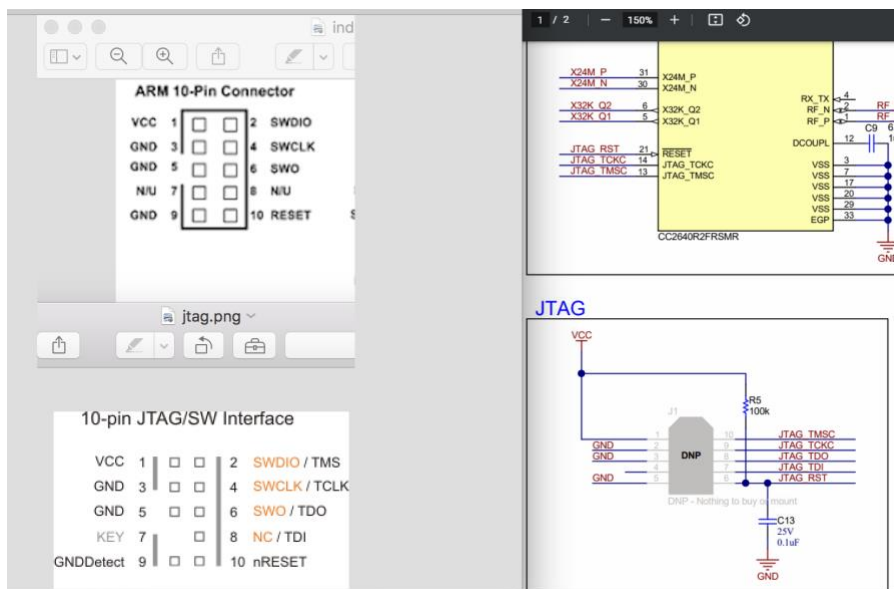


TIDA-01624 debugging help

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)



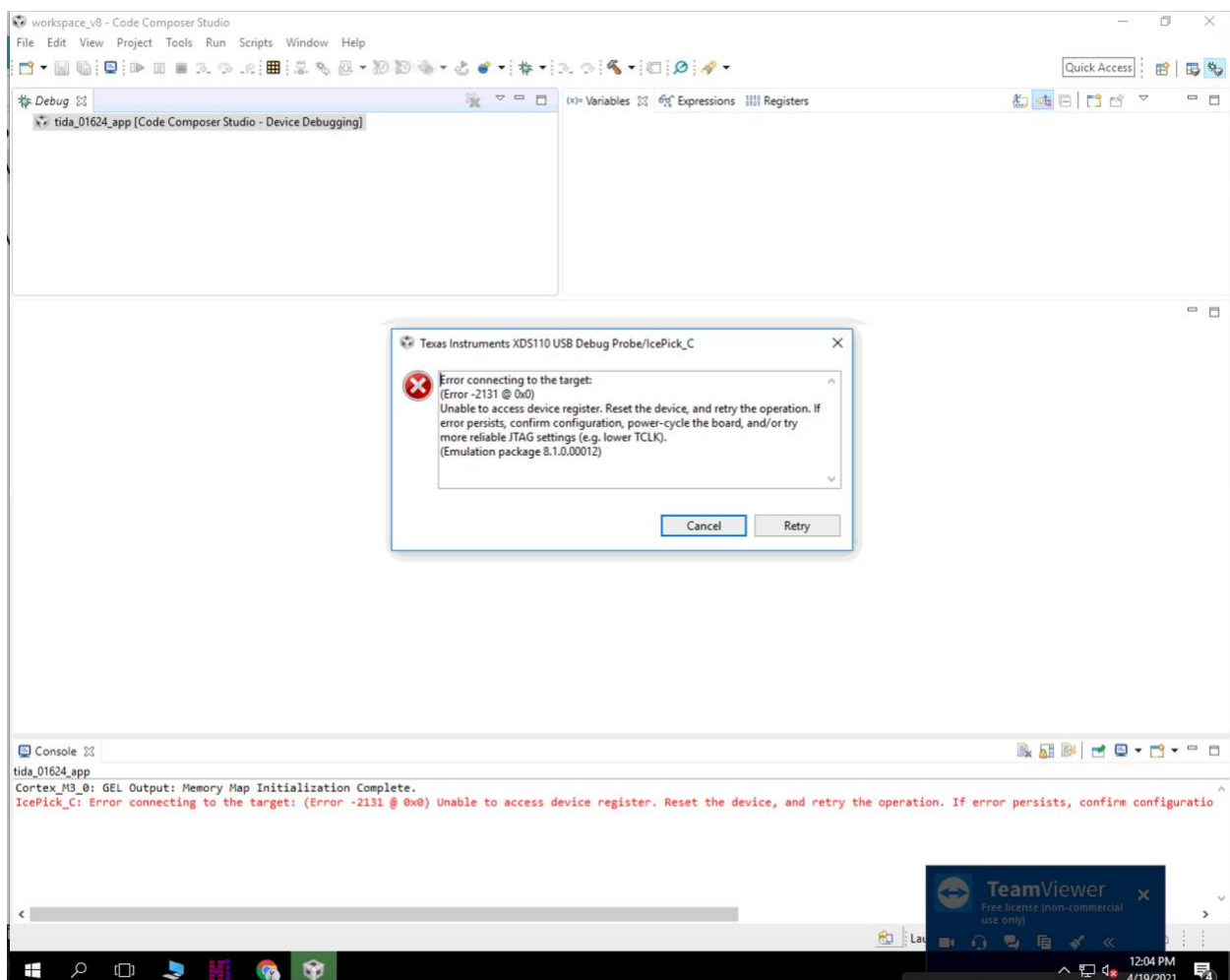
TIDA-01624 debugging help

Debugging steps:

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

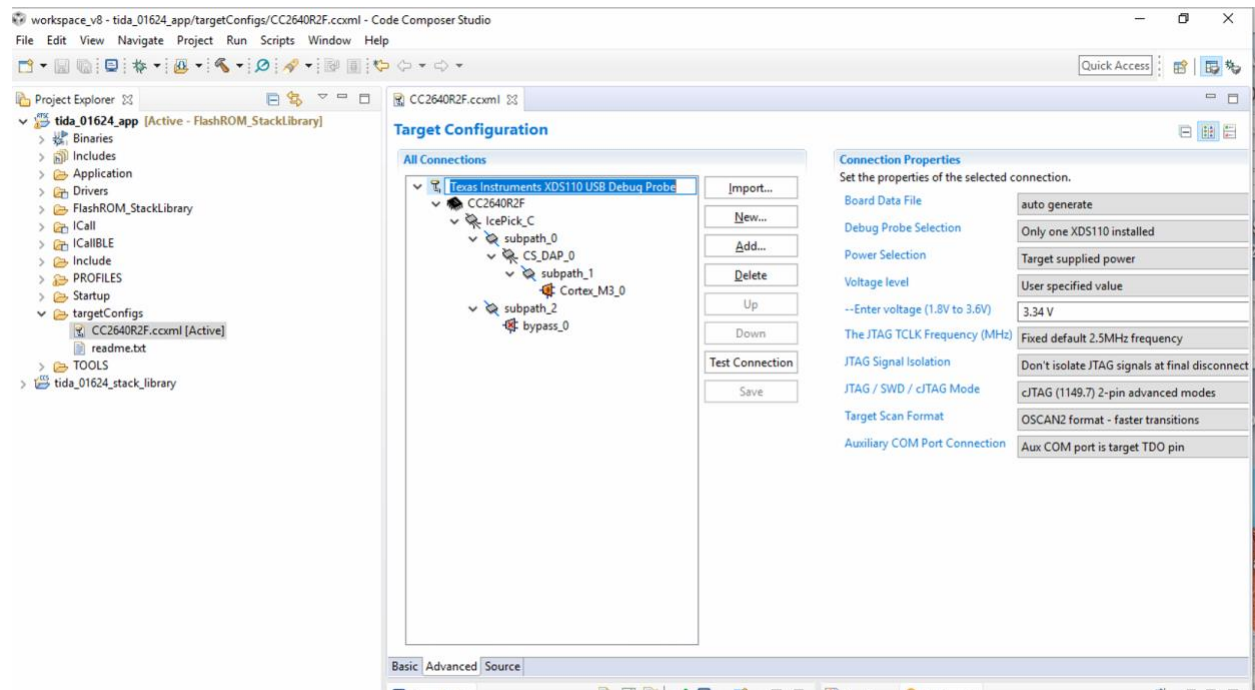
https://www.ti.com/lit/ug/tidudw4a/tidudw4a.pdf?ts=1618931326166&ref_url=https%253A%252F%252Fwww.ti.com%252Ftool%252FTIDA-01624

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



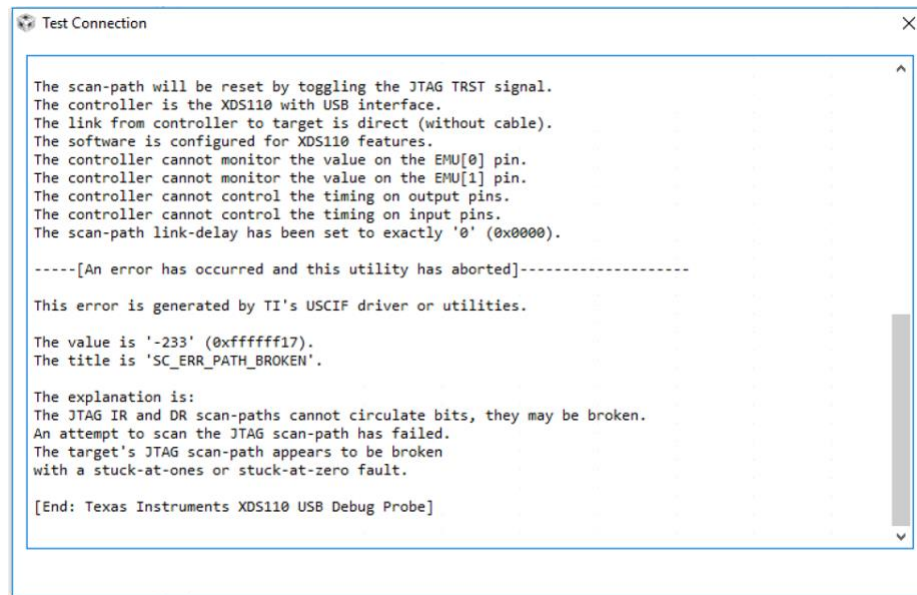
TIDA-01624 debugging help

The target configuration is the following:



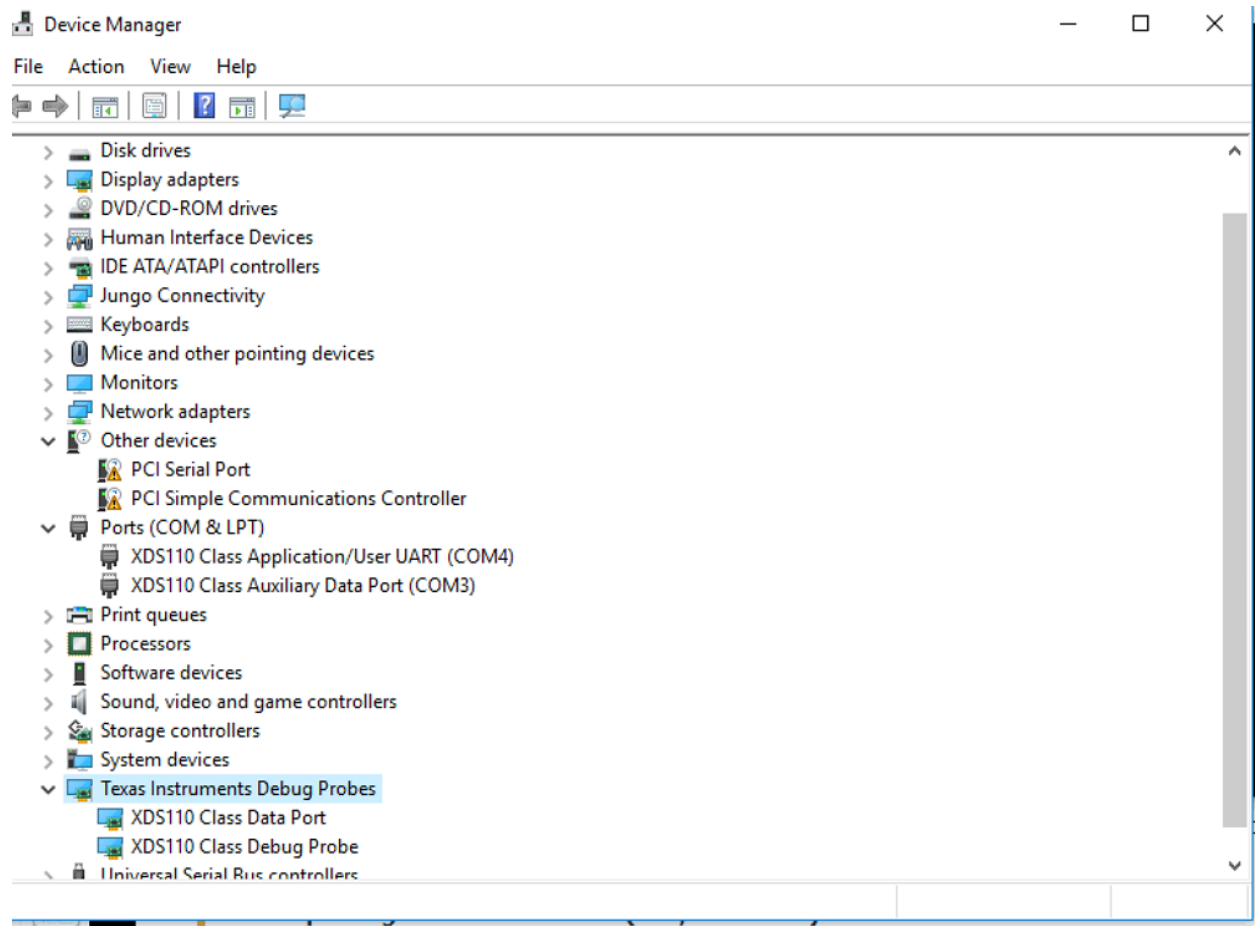
I have also tried by changing the clock frequency to 1 MHz, and got error.

In test connection option, I got the following error:



TIDA-01624 debugging help

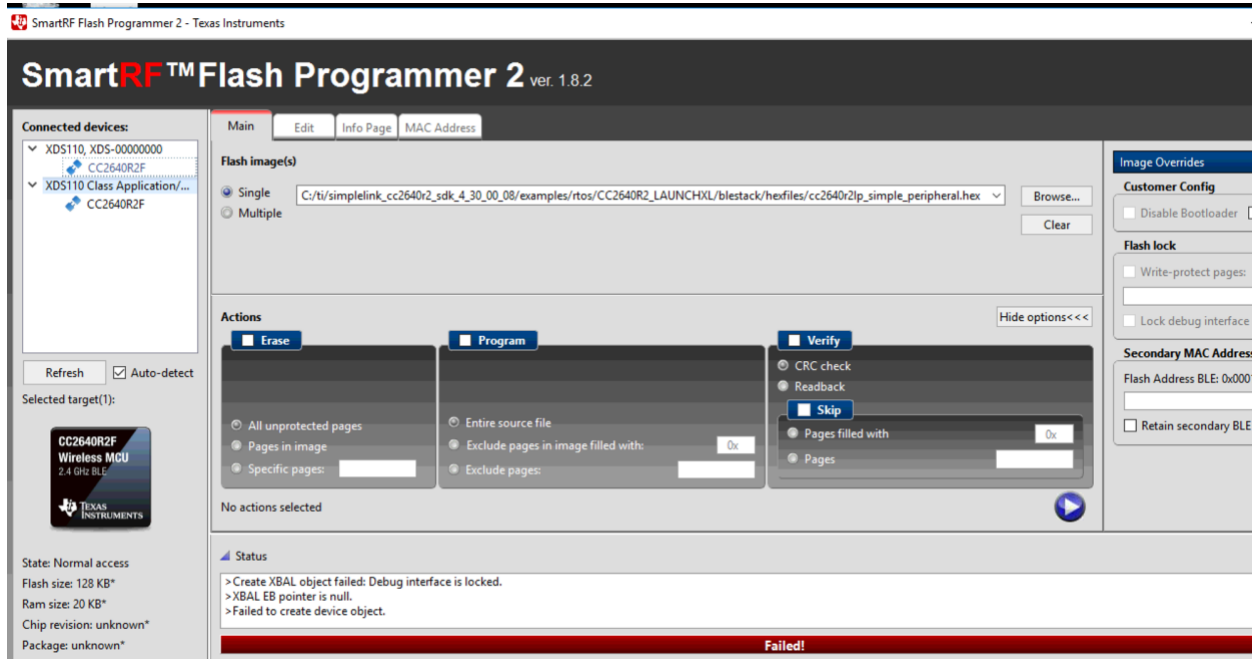
In my device manager, I can see that XDS110 is properly connected:



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.

TIDA-01624 debugging 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 chtag 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

