I am using [BP-CC3301MOD, LP-AM243]
to check the operation of a sample project (cc3xxx_network_terminal),
but an error occurs.
Please tell me the cause of the error and how to fix it.

1. environment

software
CCS 12.8.1.00005
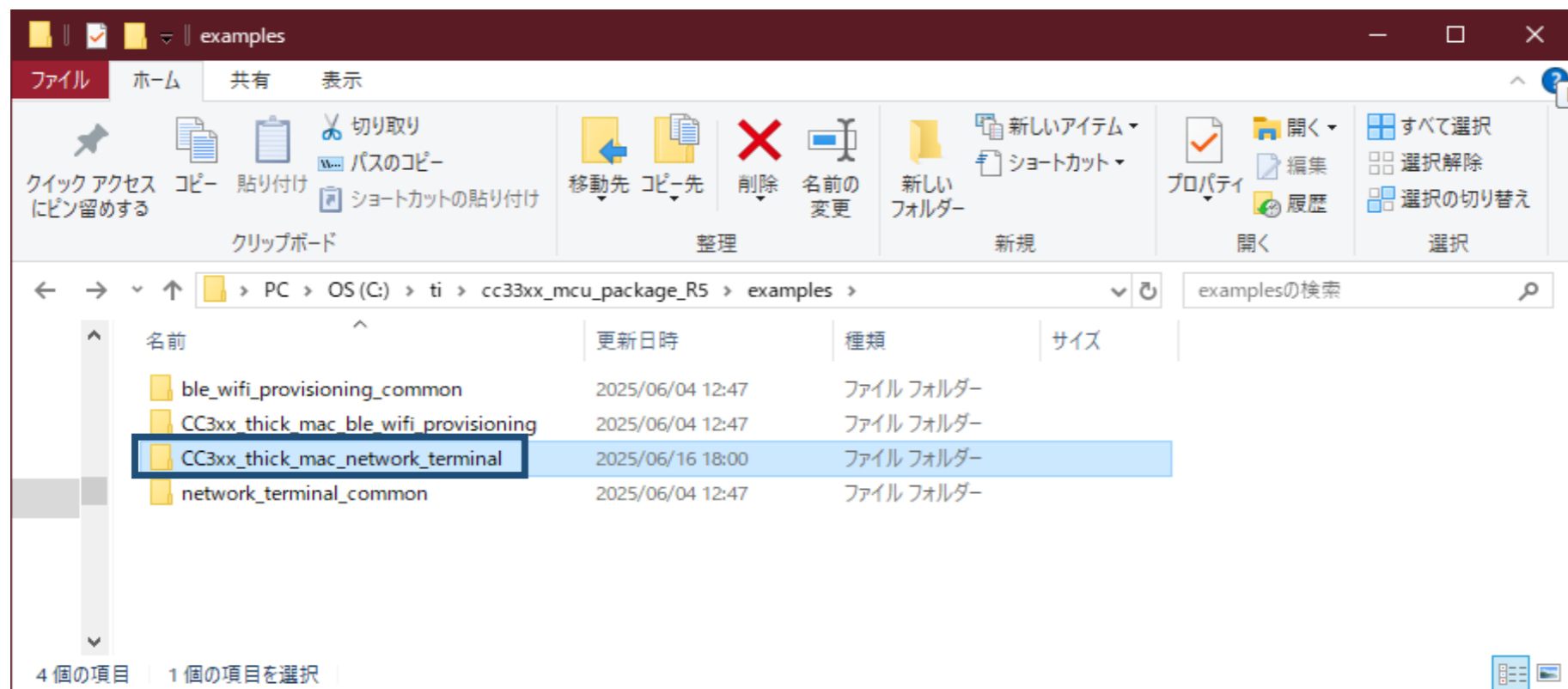cc33xx_mcu_package_R5
mcu_plus_sdk_am243x_08_05_00_24
Python 3.13.4

Evaluation Kit
BP-CC3301MOD Rev E1
LP-AM243

2. Build

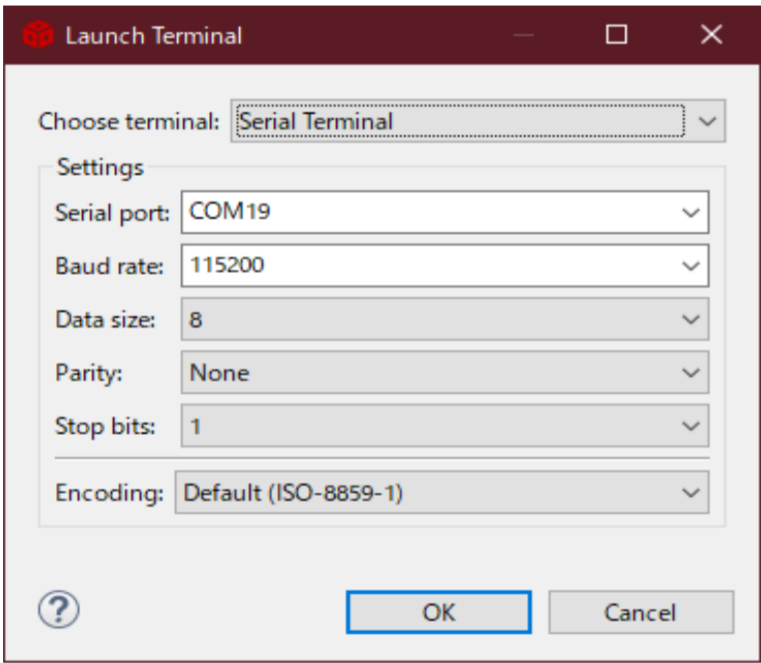import , Build ---> success

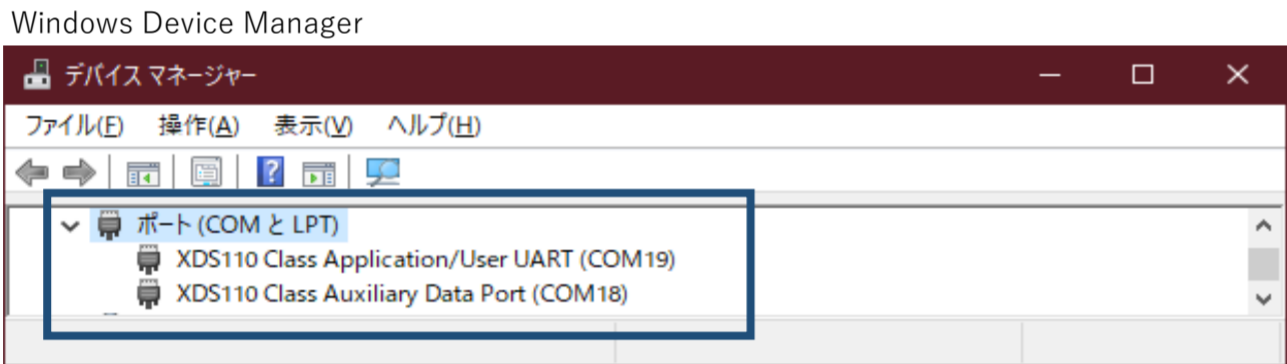## 3. EVM Setup

Reference sites

https://software-dl.ti.com/mcu-plus-sdk/esd/AM243X/08_05_00_24/exports/docs/api_guide_am243x/EVM_SETUP_PAGE.html

Cable Connections
Power Indication LEDs

5V, 3A

LED ---> OK

LP-AM243

Setup UART Terminal

Windows Device Manager

デバイス マネージャー
ファイル(F) 操作(A) 表示(V) ヘルプ(H)
ポート (COM と LPT)
XDS110 Class Application/User UART (COM19)
XDS110 Class Auxiliary Data Port (COM18)

Launch Terminal

Choose terminal: Serial Terminal

Settings

Serial port: COM19
Baud rate: 115200
Data size: 8
Parity: None
Stop bits: 1
Encoding: Default (ISO-8859-1)

OK   Cancel

Flash SOC Initialization Binary
BOOT MODE

POWER-ON the AM243X-LP

Console Problems Memory Allocation Stack Usage Search Call Hierarchy Terminal

COM19
0200000011a0000616d363478000000000000000048534653000002000000020002a600000000000000b018658ad99dc903c8c9bfb
27b12751099920a042ad1dfea7b7ba57369f15546de285edde6a7b39a8bdc40a27b237f8fb1e57f245e80b929c1e28b024aa2ec
c6ad0bc40b00000000000000000000000000000911e175d37b5ff923e08e071fcccc2c7493ea2154c097e5ecedc46668ec9cfafCCCCCCCCC
CCCCCCCCC

Close the UART terminal

Console Problems Memory Allocation Stack Usage Search Call Hierarchy Terminal

COM19

flash the SOC initialization binary to the LP

ERROR

Please tell me the cause of the error and how to fix it

SOC Initialization Using CCS Scripting

Environment Variable
MCU_PLUS_SDK_AM243X_PATH
C:¥ti¥mcu_plus_sdk_am243x_08_05_00_24
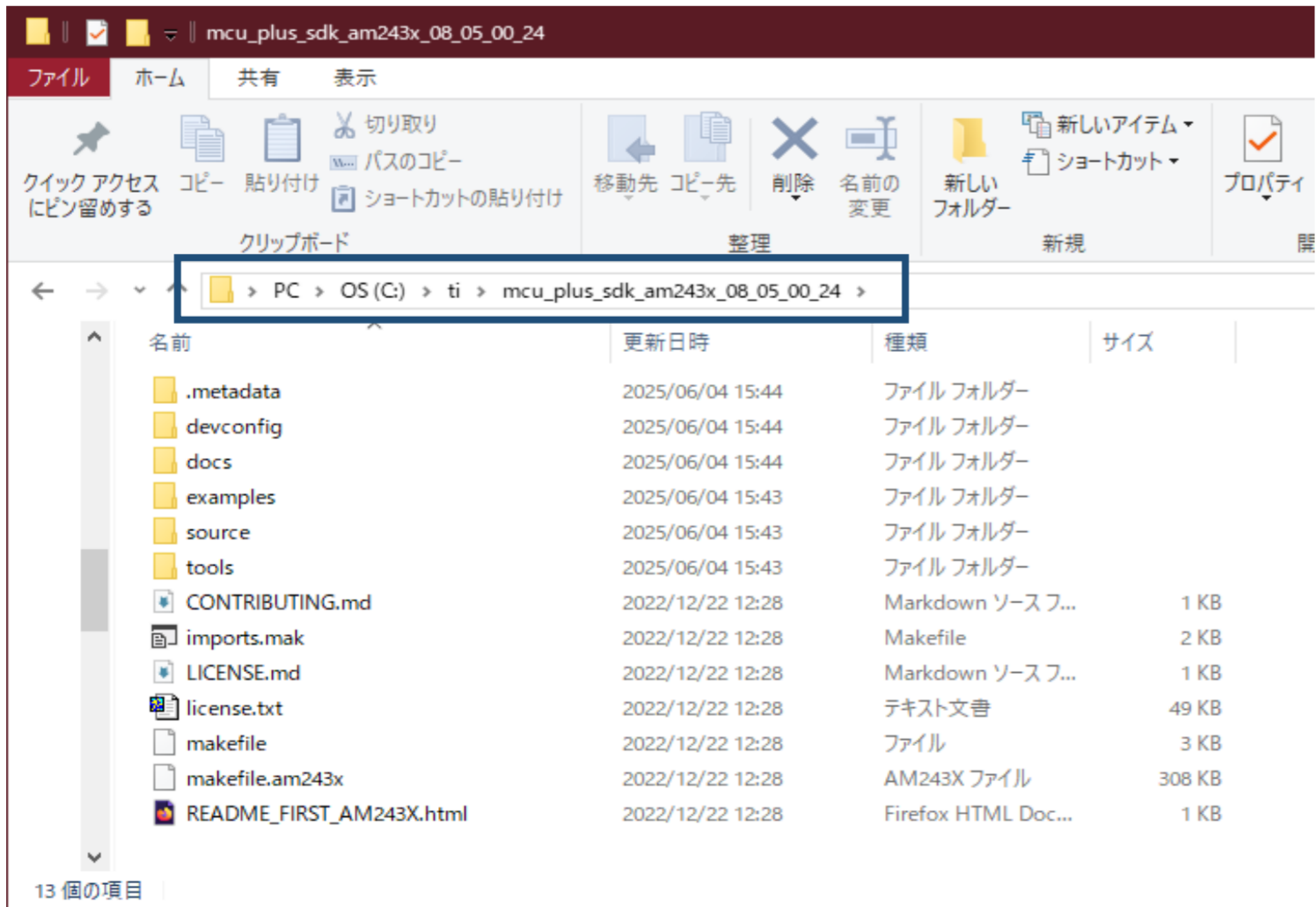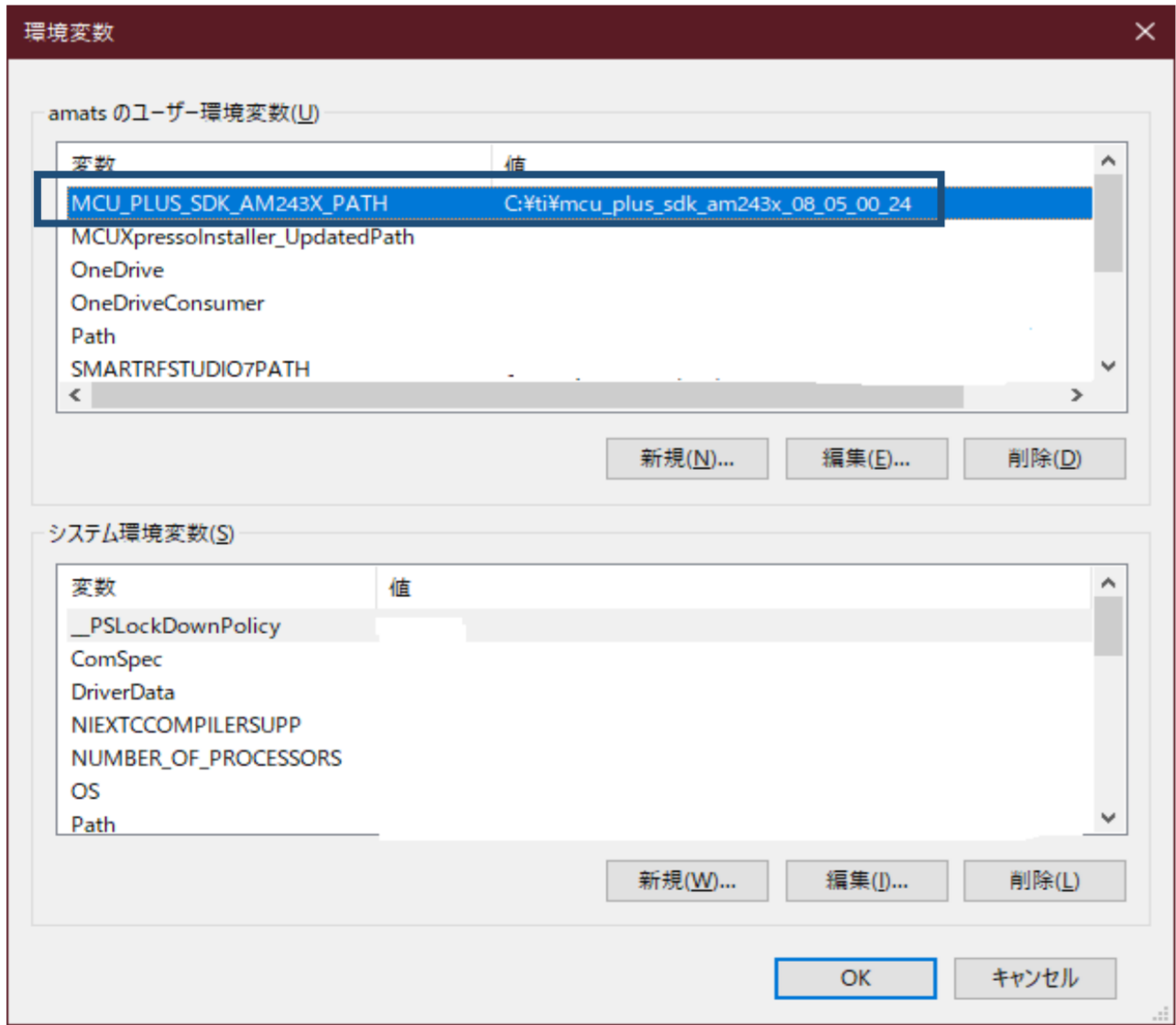
Restarted CCS

NOBOOT MODE

POWER-ON
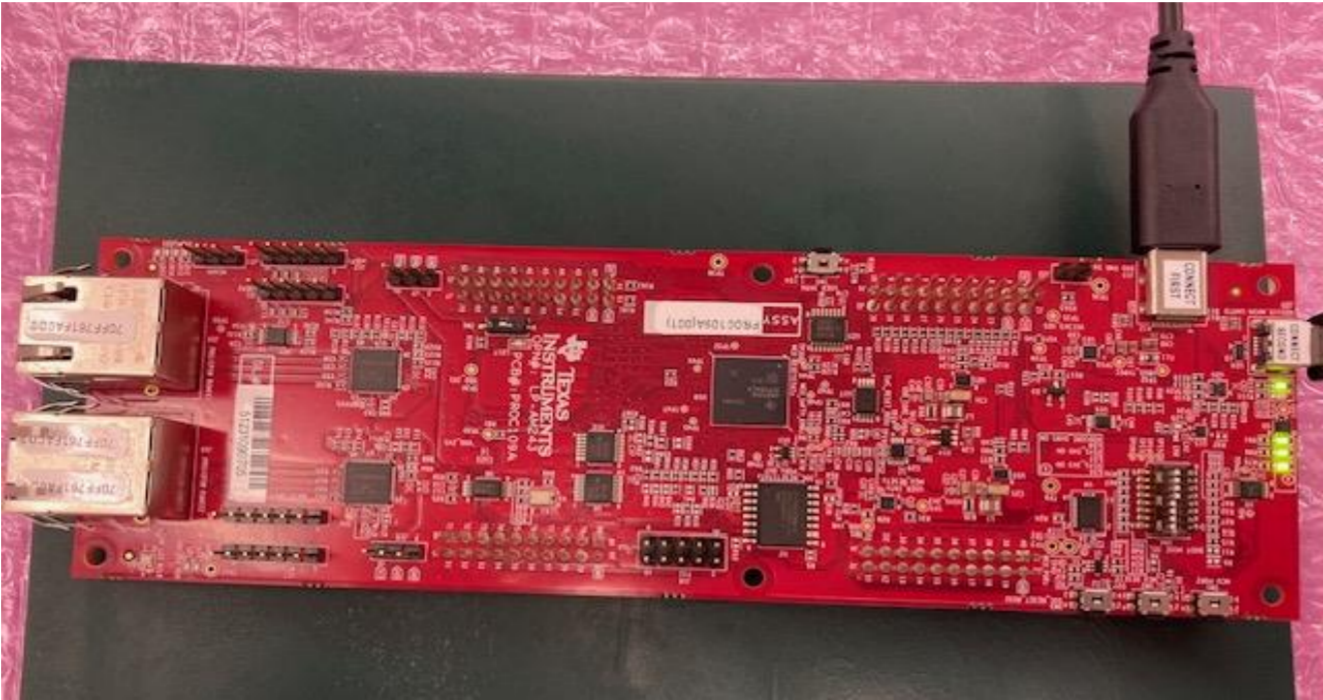
AM243x_XDS110.ccxml
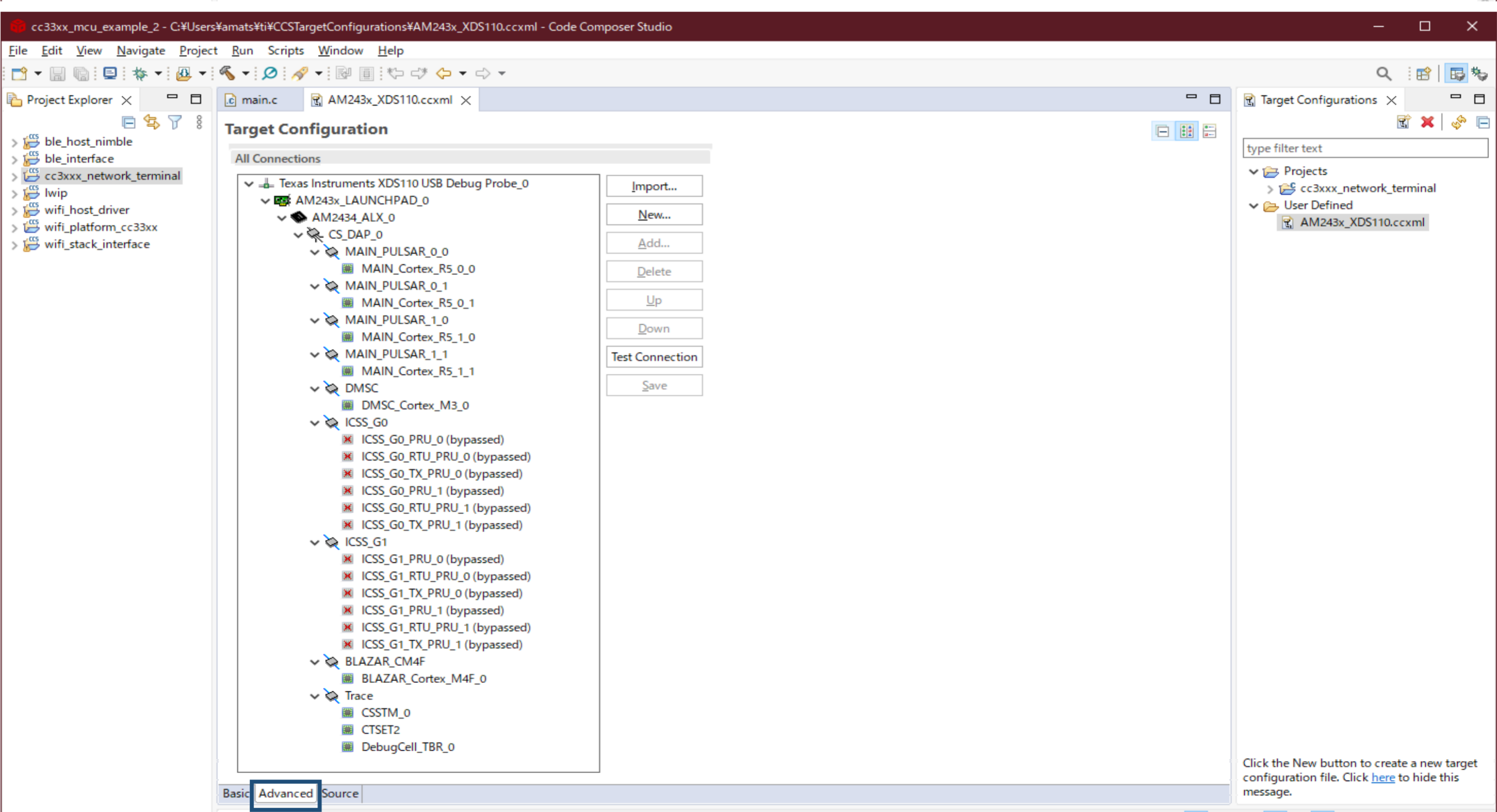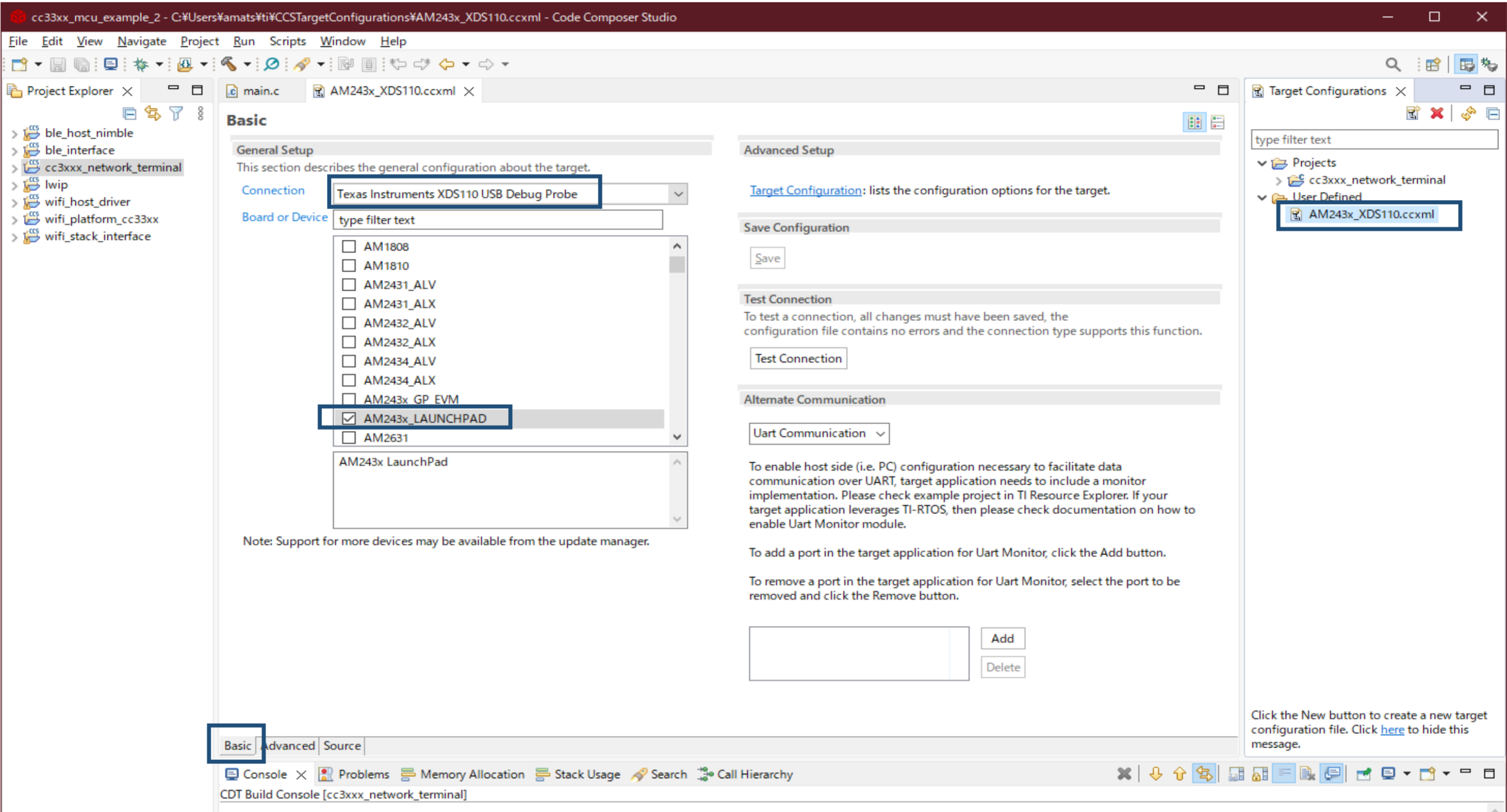
Launch the target configuration created with Create Target Configuration
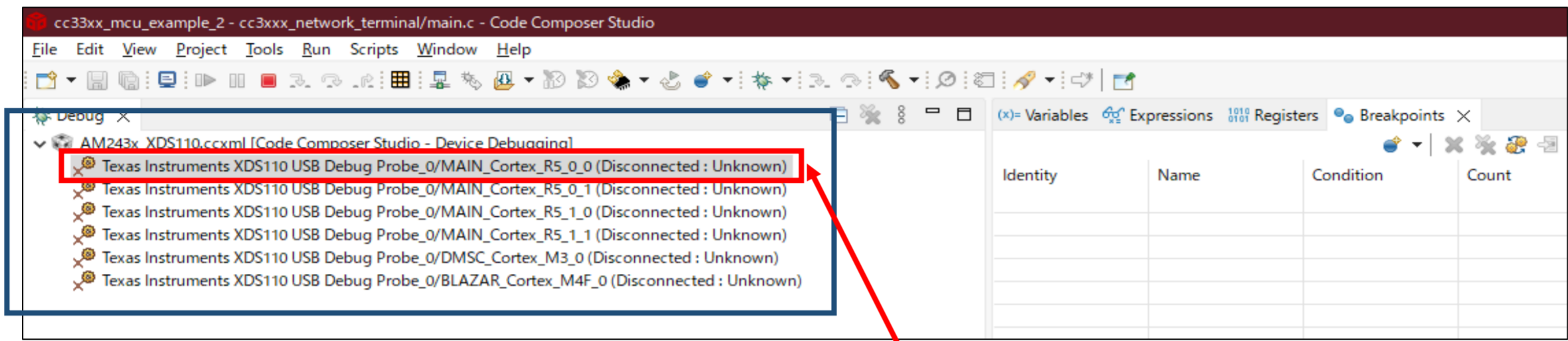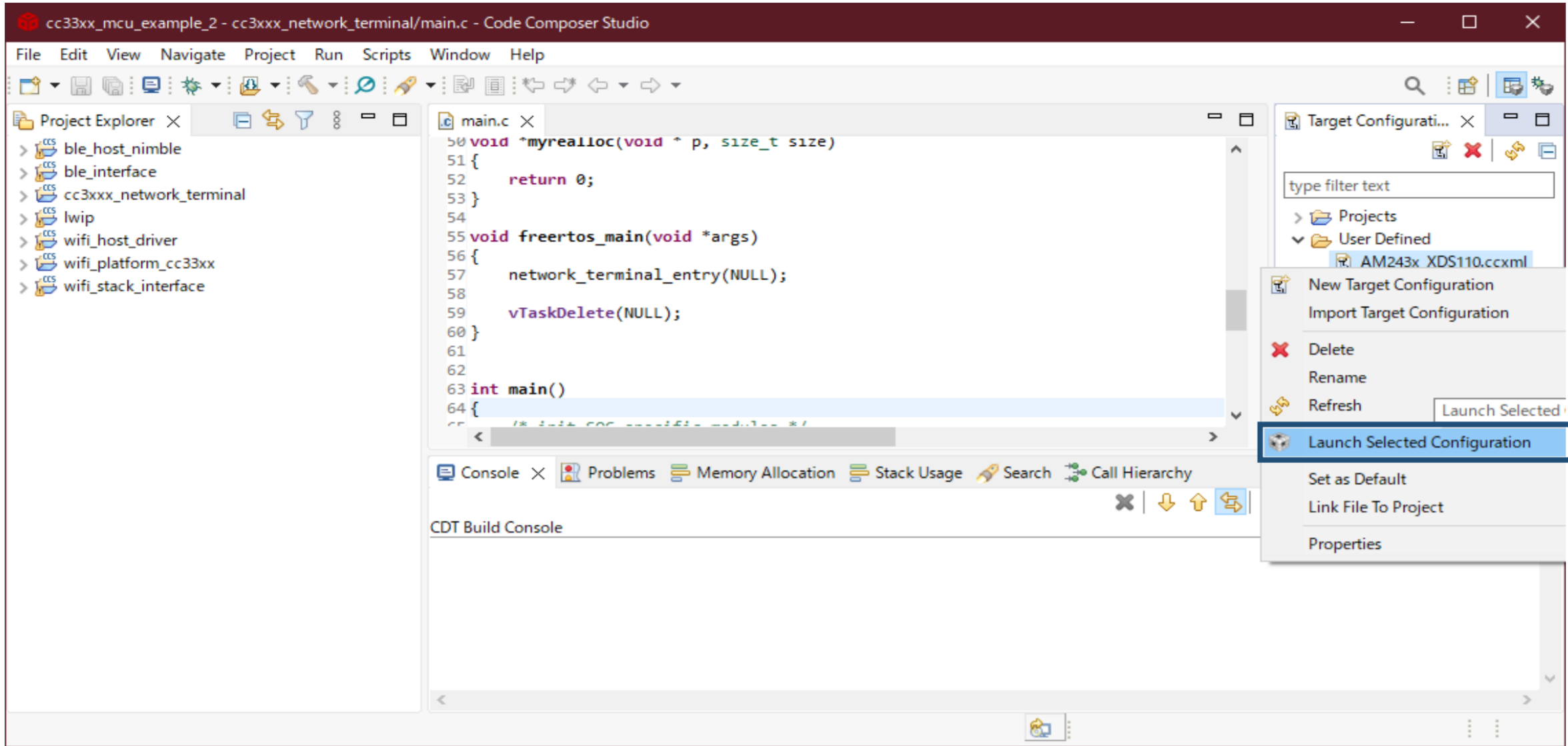
(Disconnected:Unknown)
Is there any problem?

The reference site is (Disconnected:Running)

Reference sites

https://software-dl.ti.com/mcu-plus-sdk/esd/AM243X/08_05_00_24/exports/docs/api_guide_am243x/EVM_SETUP_PAGE.html#EVM_SOC_INIT

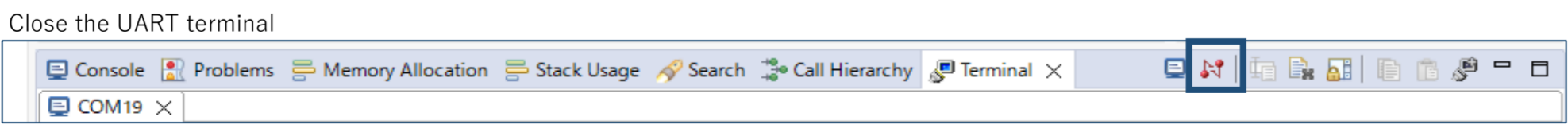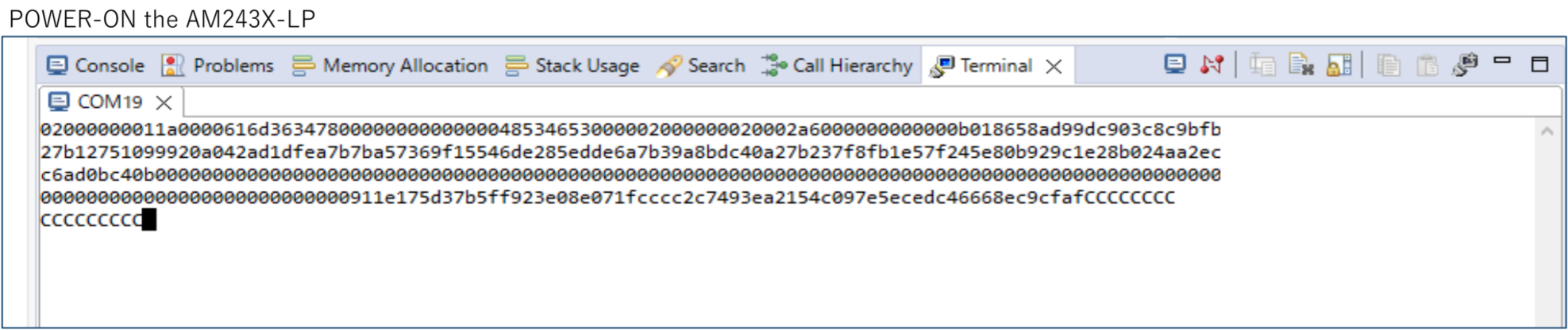- You will see the AM243X target configuration in the "Debug" window as shown below

Target Configuration After Launch

load DMSC FW and initialize the SOC
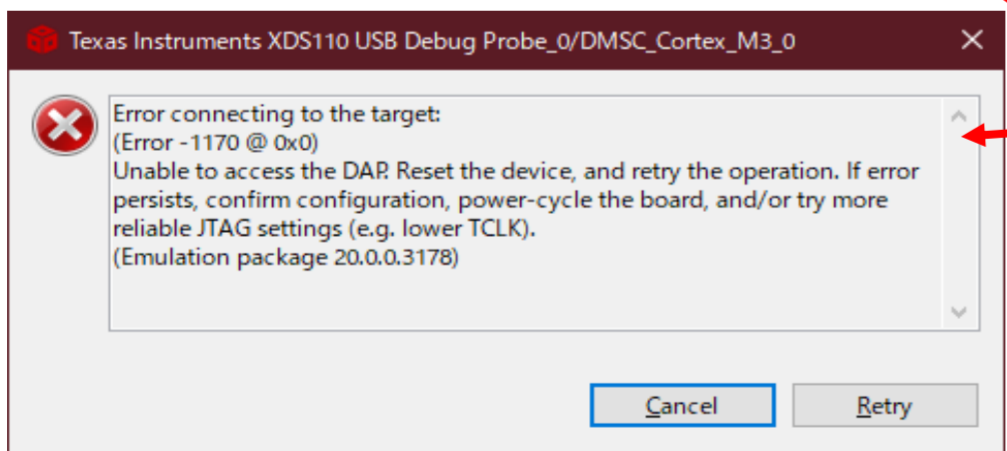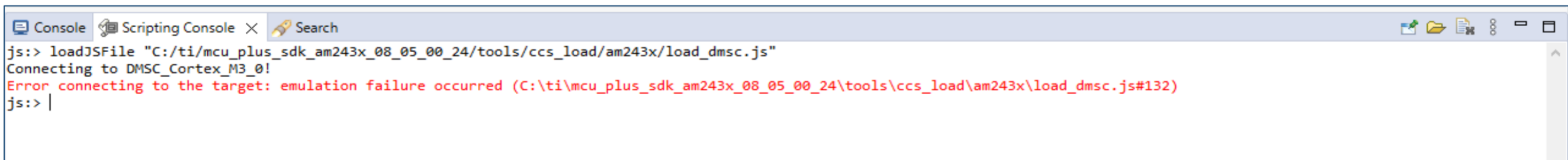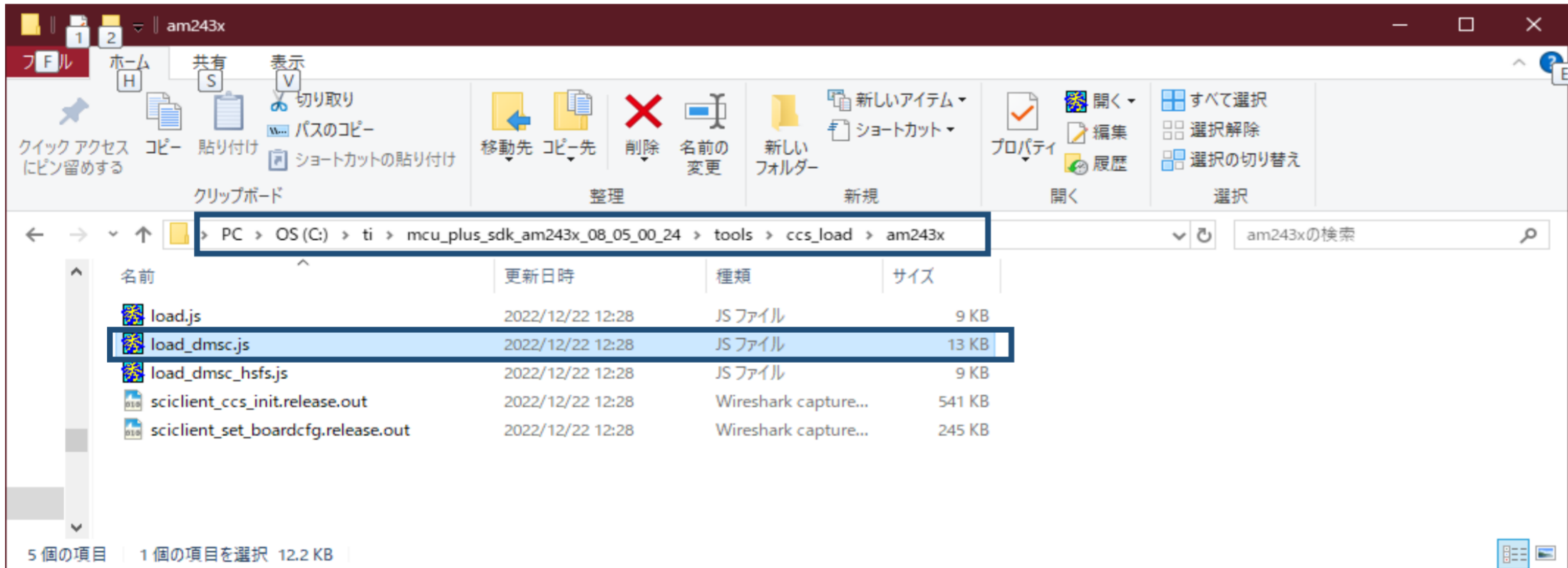
An error occurred.
Please tell me the cause of the error and how to fix it.

Texas Instruments XDS110 USB Debug Probe_0/DMSC_Cortex_M3_0

Error connecting to the target:
(Error -1170 @ 0x0)
Unable to access the DAP. Reset the device, and retry the operation. If error
persists, confirm configuration, power-cycle the board, and/or try more
reliable JTAG settings (e.g. lower TCLK).
(Emulation package 20.0.0.3178)

Cancel   Retry

4. Sample run

There was an error in the [3. EVM Setup], but I tried running the sample project.

OSPI BOOT MODE

POWER ON
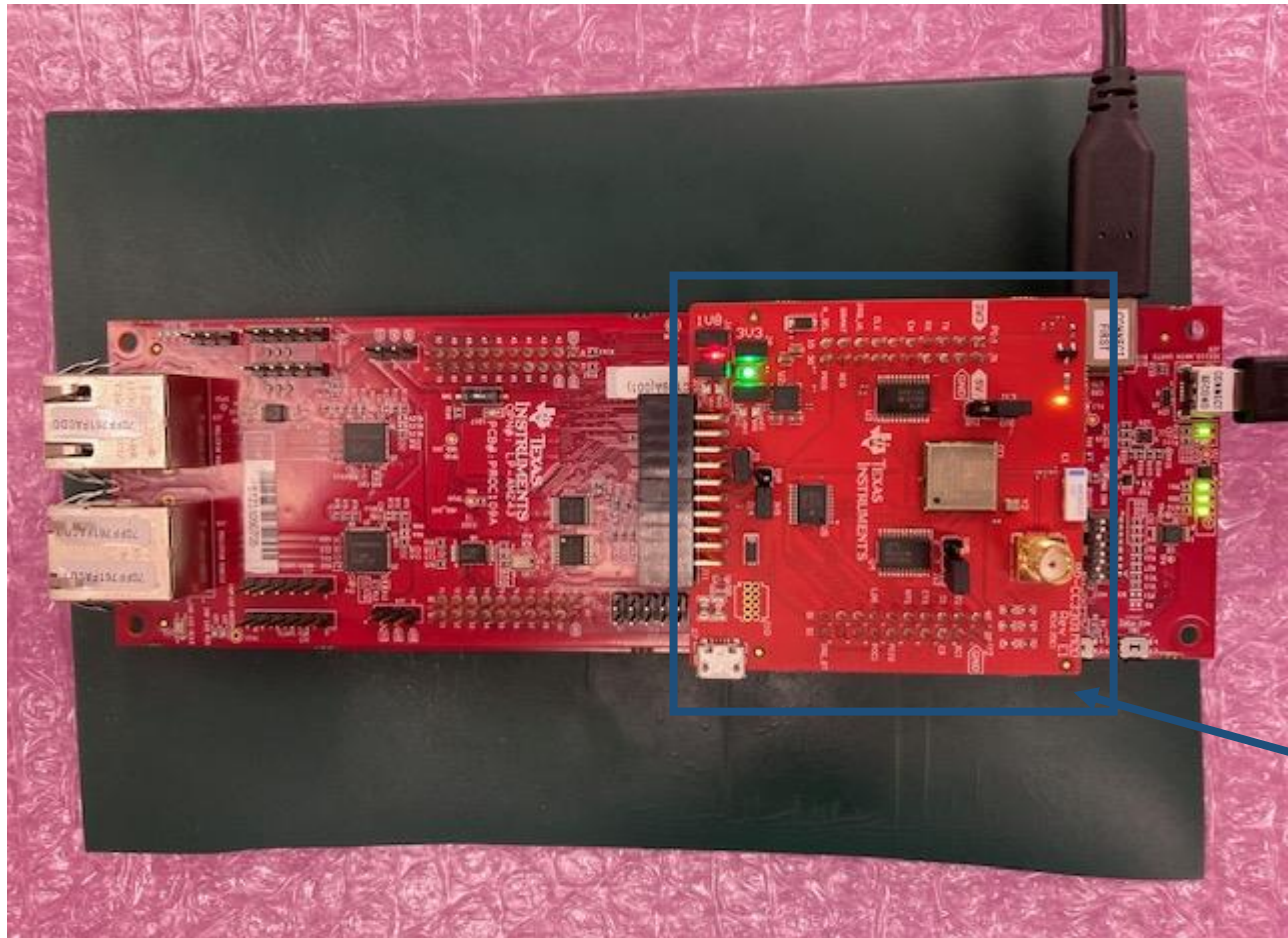
BP-CC3301MOD Rev E1
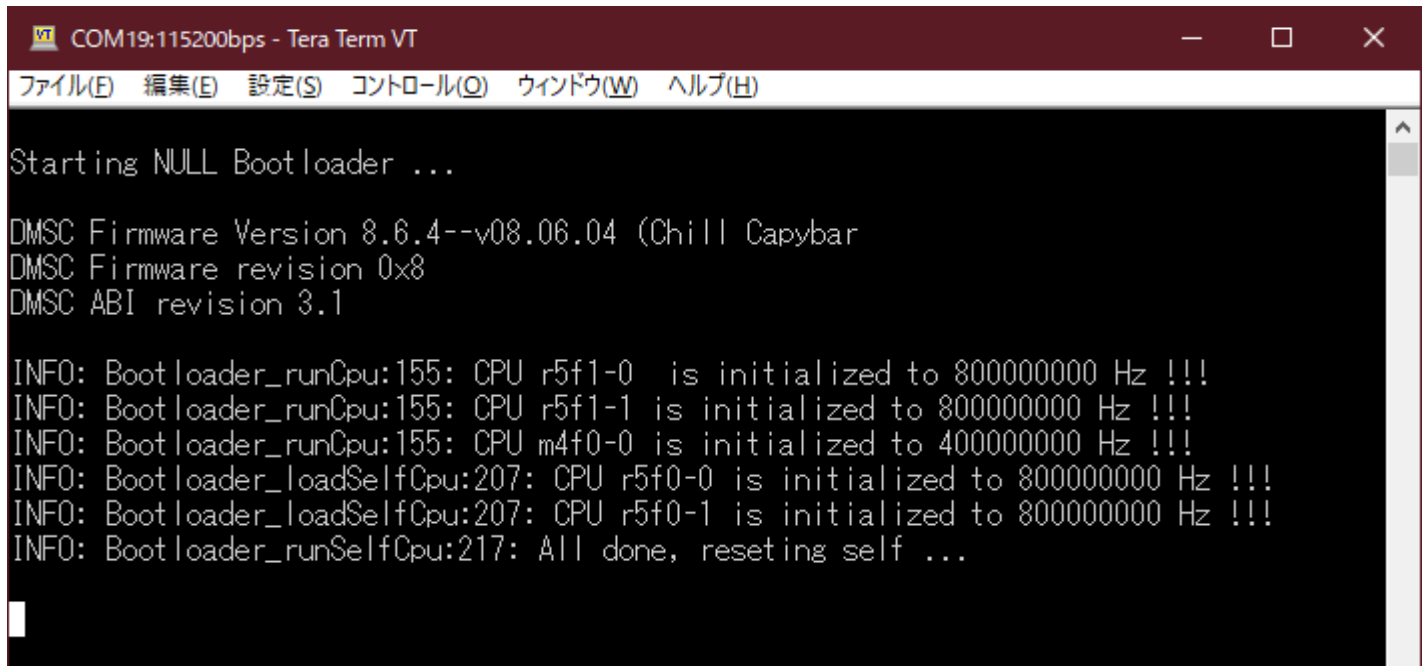
Debug

Top window: cc33xx_mcu_example_2 - cc3xxx_network_terminal/main.c - Code Composer Studio

Menu: File Edit View Navigate Project Run Scripts Window Help

Project Explorer

- ble_host_nimble
- ble_interface
- cc3xxx_network_terminal [Activ
- lwip
- wifi_host_driver
- wifi_platform_cc33xx
- wifi_stack_interface

main.c

```
47
48 void network_terminal_entry(void *args);
49
50 void *myrealloc(void * p, size_t size)
51 {
52     return 0;
53 }
54
55 void freertos_main(void *args)
56 {
57     network_terminal_entry(NULL);
58
59     vTaskDelete(NULL);
60 }
61
62
63 int main()
64 {
65     /* init SOC specific modules */
66     System_init();
67     Board_init();
68
69
70
71     /* This task is created at highest priority, it should create more tasks and then delete itself */
72     gMainTask = xTaskCreateStatic( freertos_main,   /* Pointer to the function that implements the task. */
73                                    "freertos_main", /* Text name for the task.  This is to facilitate debugging */
74                                    MAIN_TASK_SIZE,  /* Stack depth in units of StackType_t typically uint32_t on
75                                    NULL,            /* We are not using the task parameter. */
76                                    MAIN_TASK_PRI,   /* task priority, 0 is lowest priority, configMAX_PRIORITIES-
77                                    gMainTaskStack,  /* pointer to stack base */
78                                    &gMainTaskObj ); /* pointer to statically allocated task object memory */
79     configASSERT(gMainTask != NULL);
80
81     /* Start the scheduler to start the tasks executing. */
82     vTaskStartScheduler();
83
84     /* The following line should never be reached because vTaskStartScheduler()
85     will only return if there was not enough FreeRTOS heap memory available to
86     create the Idle and (if configured) Timer tasks.  Heap management, and
87     techniques for trapping heap exhaustion, are described in the book text. */
88     DebugP_assertNoLog(0);
89
90     return 0;
91 }
92
```

Target Configurati...

type filter text

- Projects
  - cc3xxx_network_terminal
- User Defined
  - AM243x_XDS110.ccxml

Click the New button to create a new target configuration file. Click here to hide this message.

Console Problems Memory Allocation Stack Usage Search Call Hierarchy

AM243x_XDS110.ccxml

DMSC_Cortex_M3_0: Error connecting to the target: (Error -1170 @ 0x0) Unable to access the DAP. Reset the device, and retry the operation. If error p

cc3xxx_network_terminal

Bottom window: cc33xx_mcu_example_2 - cc3xxx_network_terminal/main.c - Code Composer Studio

Menu: File Edit View Project Tools Run Scripts Window Help

Debug

- cc3xxx_network_terminal [Code Composer Studio - Device Debugging]
  - Texas Instruments XDS110 USB Debug Probe_0/MAIN_Cortex_R5_0_0 (Suspended - SW Breakpoint)
    - main() at main.c:64 0x700C72C4
    - bypass_auto_init + 0x4 () at boot_armv7r_asm.S:257 0x70137348
  - Texas Instruments XDS110 USB Debug Probe_0/MAIN_Cortex_R5_0_1 (Disconnected : Unknown)
  - Texas Instruments XDS110 USB Debug Probe_0/MAIN_Cortex_R5_1_0 (Disconnected : Unknown)
  - Texas Instruments XDS110 USB Debug Probe_0/MAIN_Cortex_R5_1_1 (Disconnected : Unknown)
  - Texas Instruments XDS110 USB Debug Probe_0/DMSC_Cortex_M3_0 (Disconnected : Unknown)
  - Texas Instruments XDS110 USB Debug Probe_0/ICSS_G0_PRU_0 (Disconnected : Unknown)
  - Texas Instruments XDS110 USB Debug Probe_0/ICSS_G0_RTU_PRU_0 (Disconnected : Unknown)

Variables Expressions Registers Breakpoints

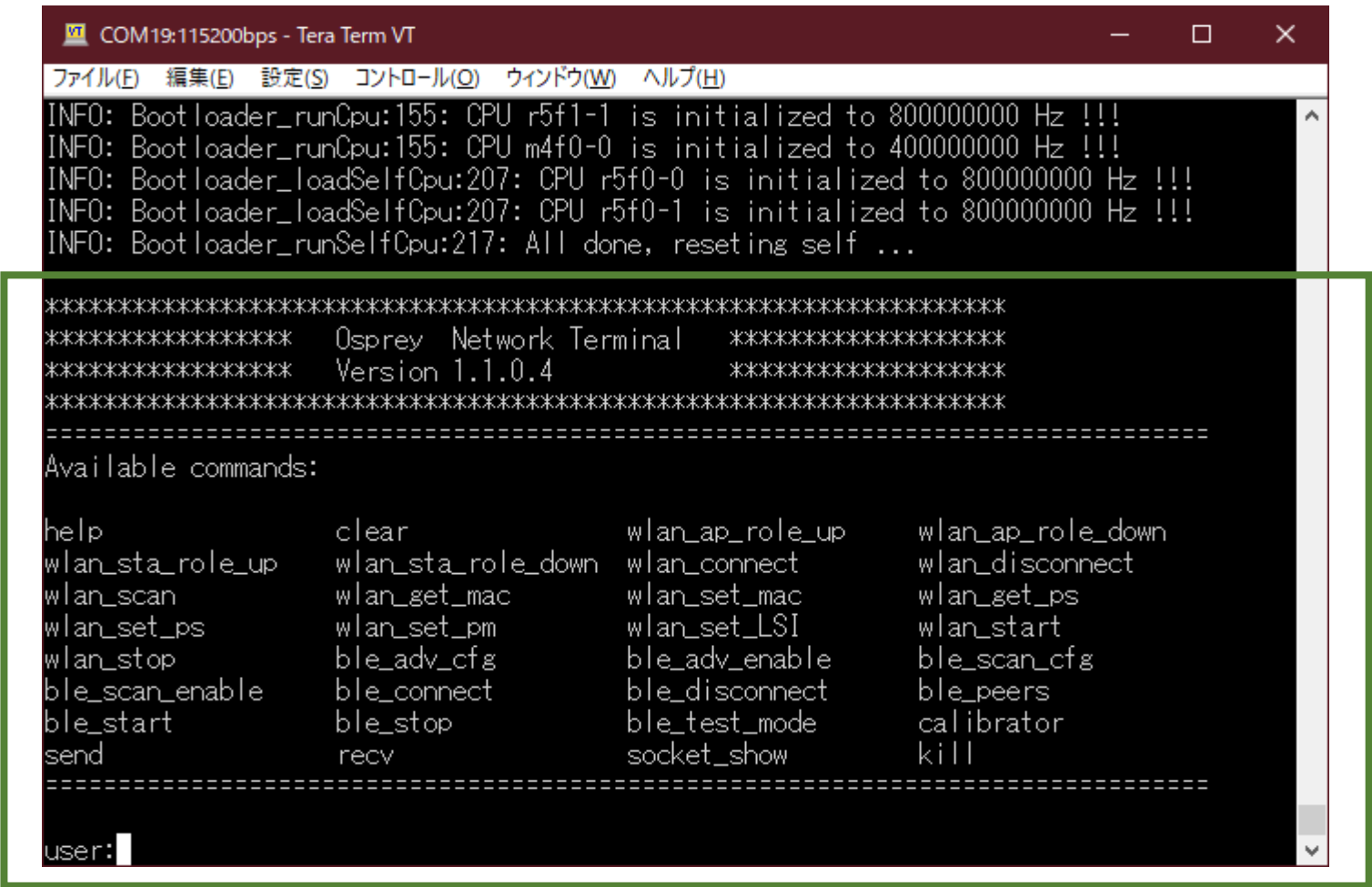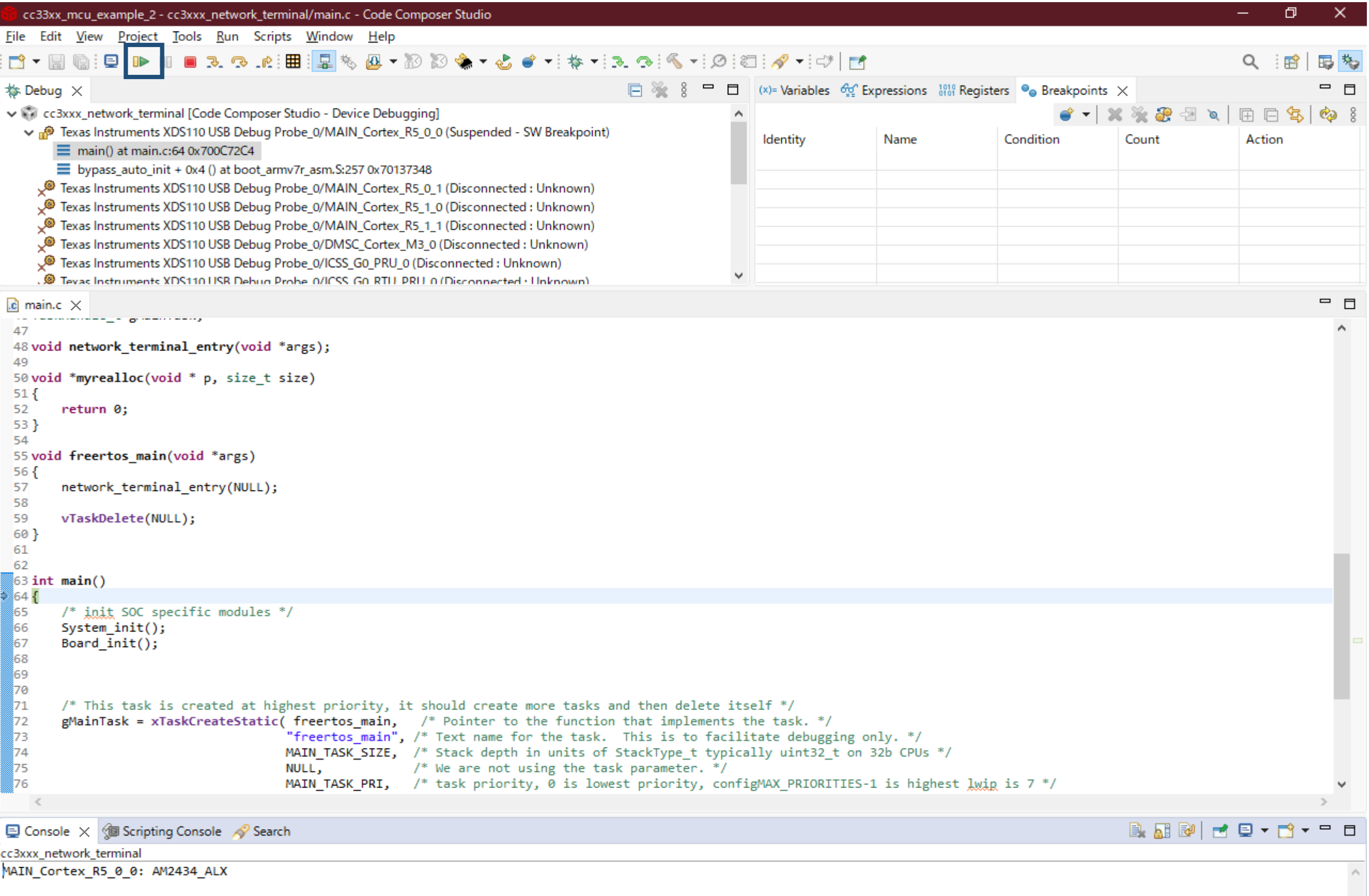| Identity	Name	Condition	Count	Action

main.c

```
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48 void network_terminal_entry(void *args);
49
50 void *myrealloc(void * p, size_t size)
51 {
52     return 0;
53 }
54
55 void freertos_main(void *args)
56 {
57     network_terminal_entry(NULL);
58
59     vTaskDelete(NULL);
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70
71     /* This task is created at highest priority, it should create more tasks and then delete itself */
72     gMainTask = xTaskCreateStatic( freertos_main,   /* Pointer to the function that implements the task. */
73                                    "freertos_main", /* Text name for the task.  This is to facilitate debugging only. */
74                                    MAIN_TASK_SIZE,  /* Stack depth in units of StackType_t typically uint32_t on 32b CPUs */
75                                    NULL,            /* We are not using the task parameter. */
76                                    MAIN_TASK_PRI,   /* task priority, 0 is lowest priority, configMAX_PRIORITIES-1 is highest lwip is 7 */
```

Console Scripting Console Search
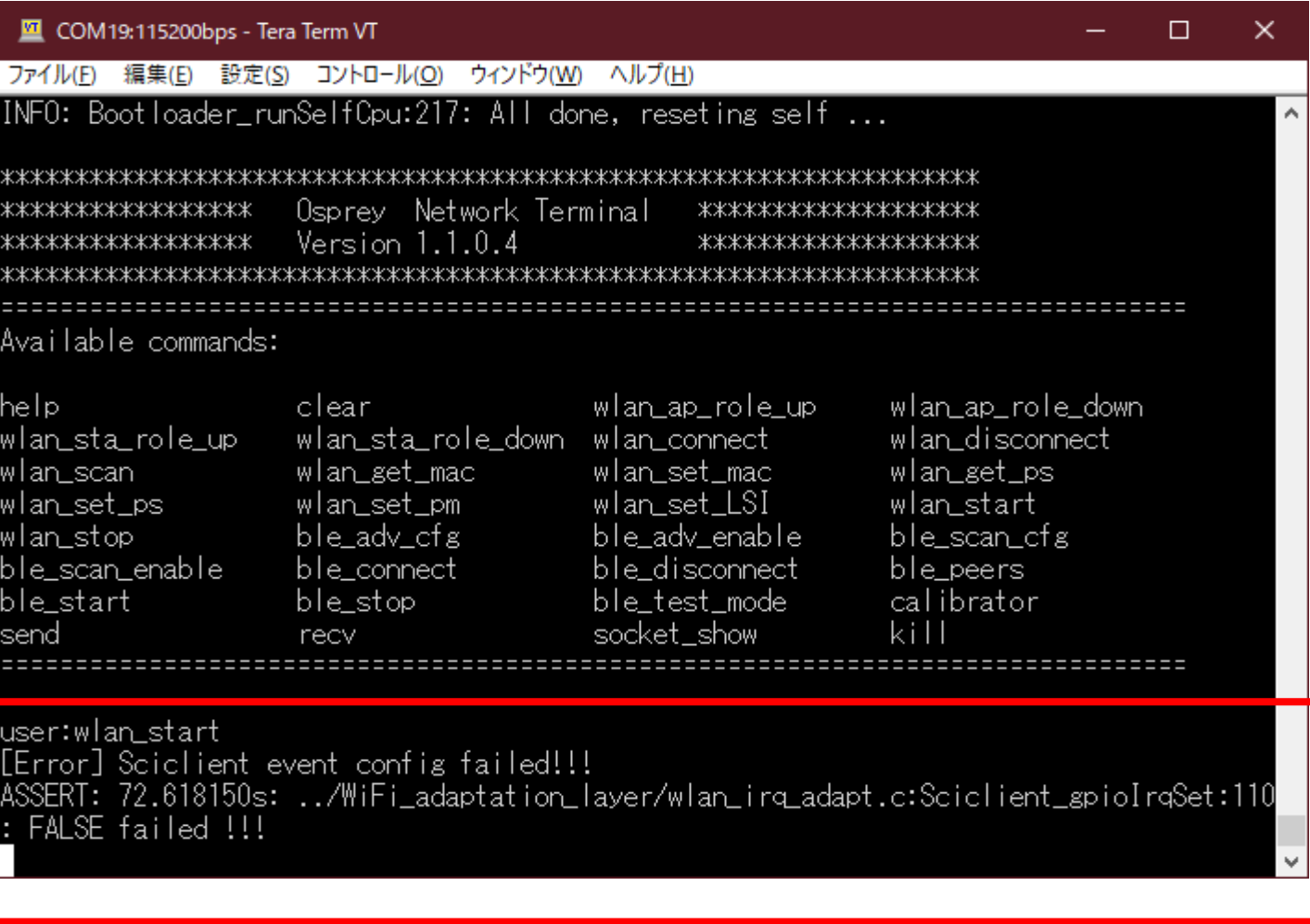
cc3xxx_network_terminal

MAIN_Cortex_R5_0_0: AM2434_ALX

Resume

wlan_start

An error occurred.

Debug Suspend