I am using LP-AM243.

I followed the instructions on the reference site to flash the SOC initialization binary to the LP, but an error occurred.

An error occurs when connecting to CCS.

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

#### 1. environment

software

CCS 12.8.1.00005 mcu\_plus\_sdk\_am243x\_08\_05\_00\_24 Python 3.13.4

Evaluation Kit LP-AM243

## 2. EVM Setup

## Reference sites

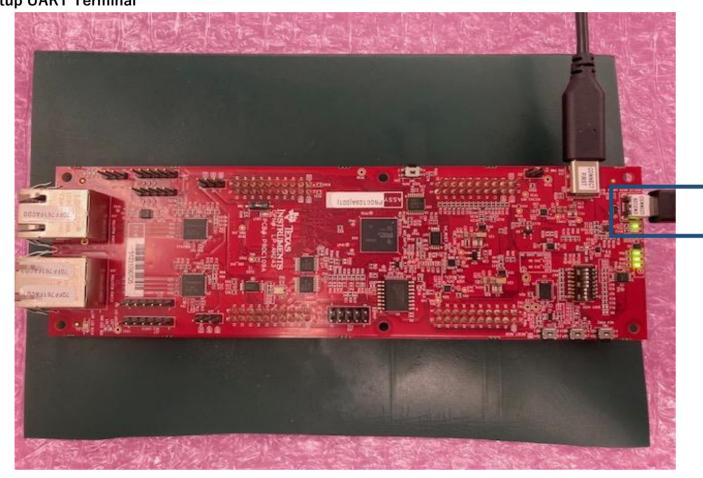
https://software-dl.ti.com/mcu-plus-sdk/esd/AM243X/08\_05\_00\_24/exports/docs/api\_guide\_am243x/EVM\_SETUP\_PAGE.html

## **Cable Connections**

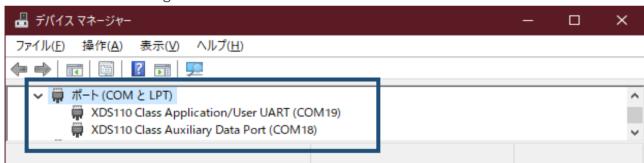
## **Power Indication LEDs**

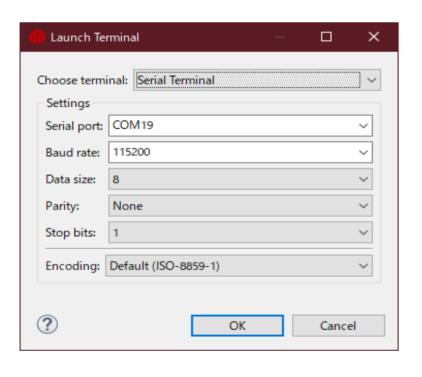


## Setup UART Terminal



## Windows Device Manager

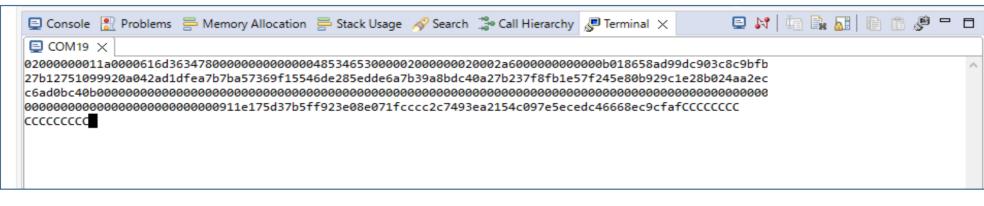




# Flash SOC Initialization Binary

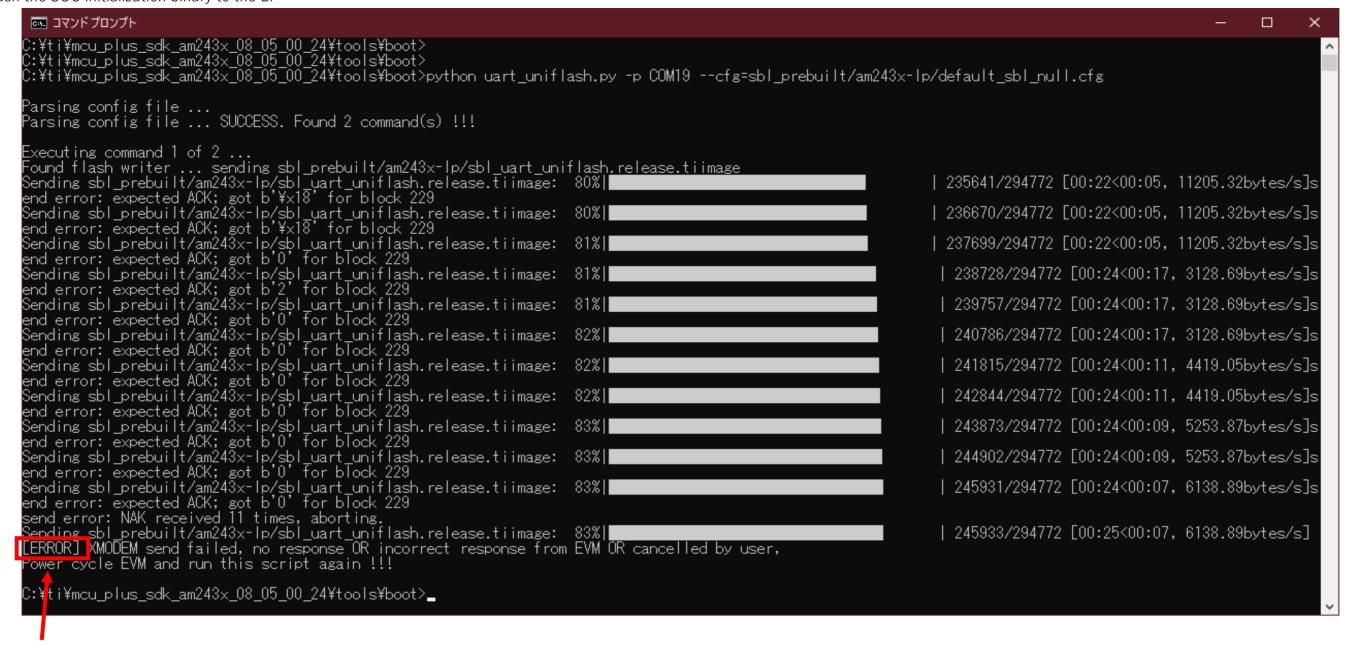


# POWER-ON the AM243X-LP



# Close the UART terminal Close the UART terminal Console Problems Memory Allocation Stack Usage Search Call Hierarchy Terminal X COM19 X

flash the SOC initialization binary to the LP



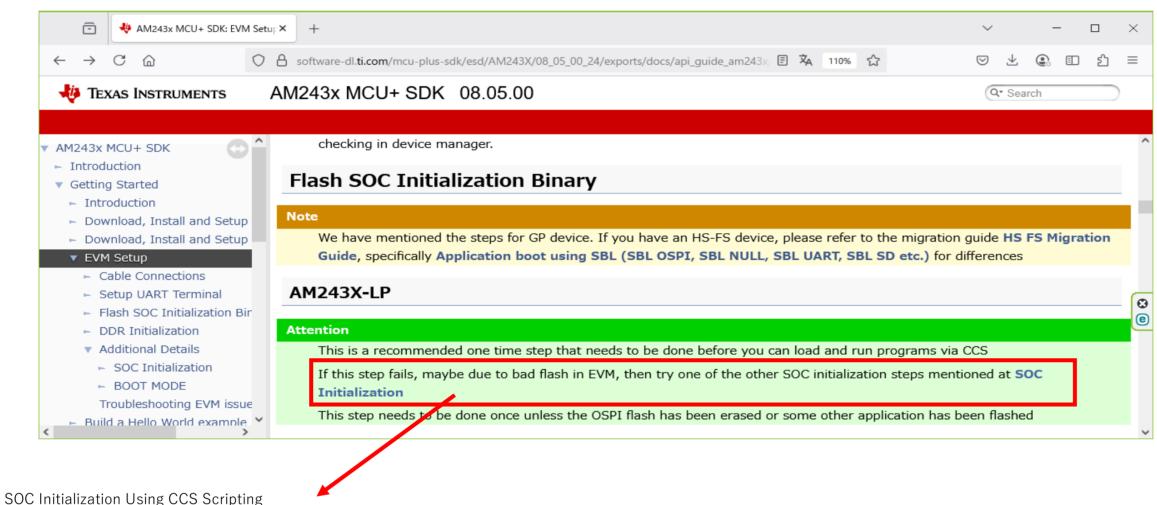
#### EDD\\D

This error has been asked in another thread so there is no need to answer it here.

As per the instructions, I tried to initialize the SOC in a different way.

A CCS connection error occurred, as shown below.

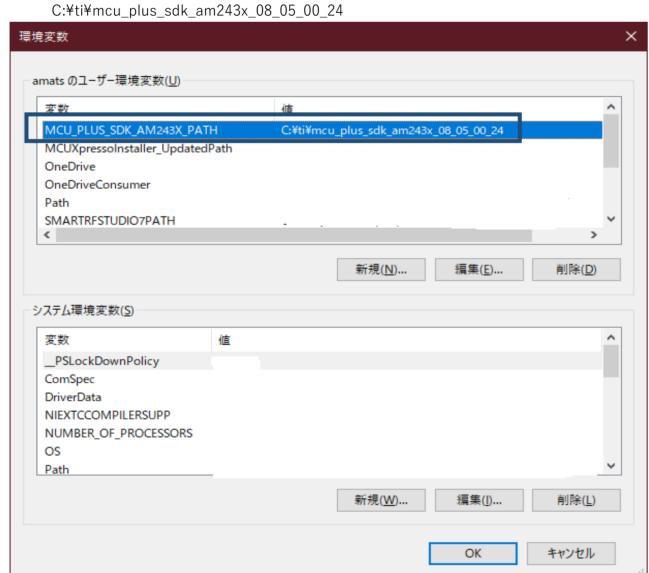
This thread will discuss CCS connection errors.

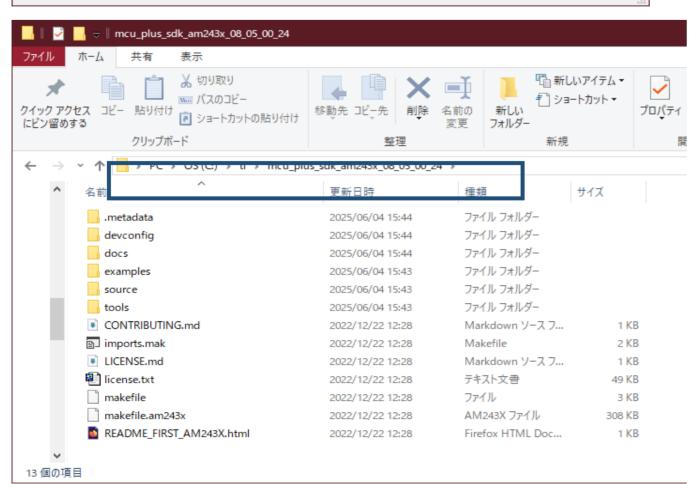


SOC Initialization Using CCS Scriptir

Environment Variable

MCU\_PLUS\_SDK\_AM243X\_PATH



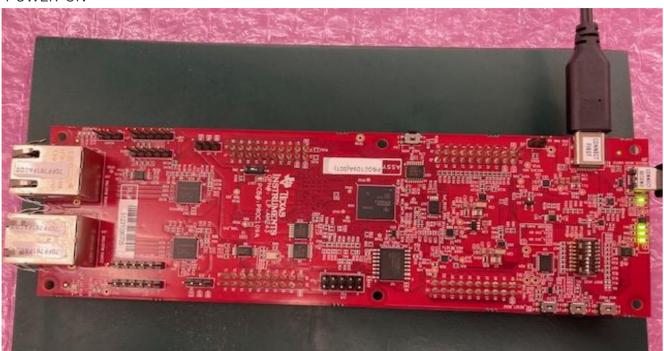


### Restarted CCS

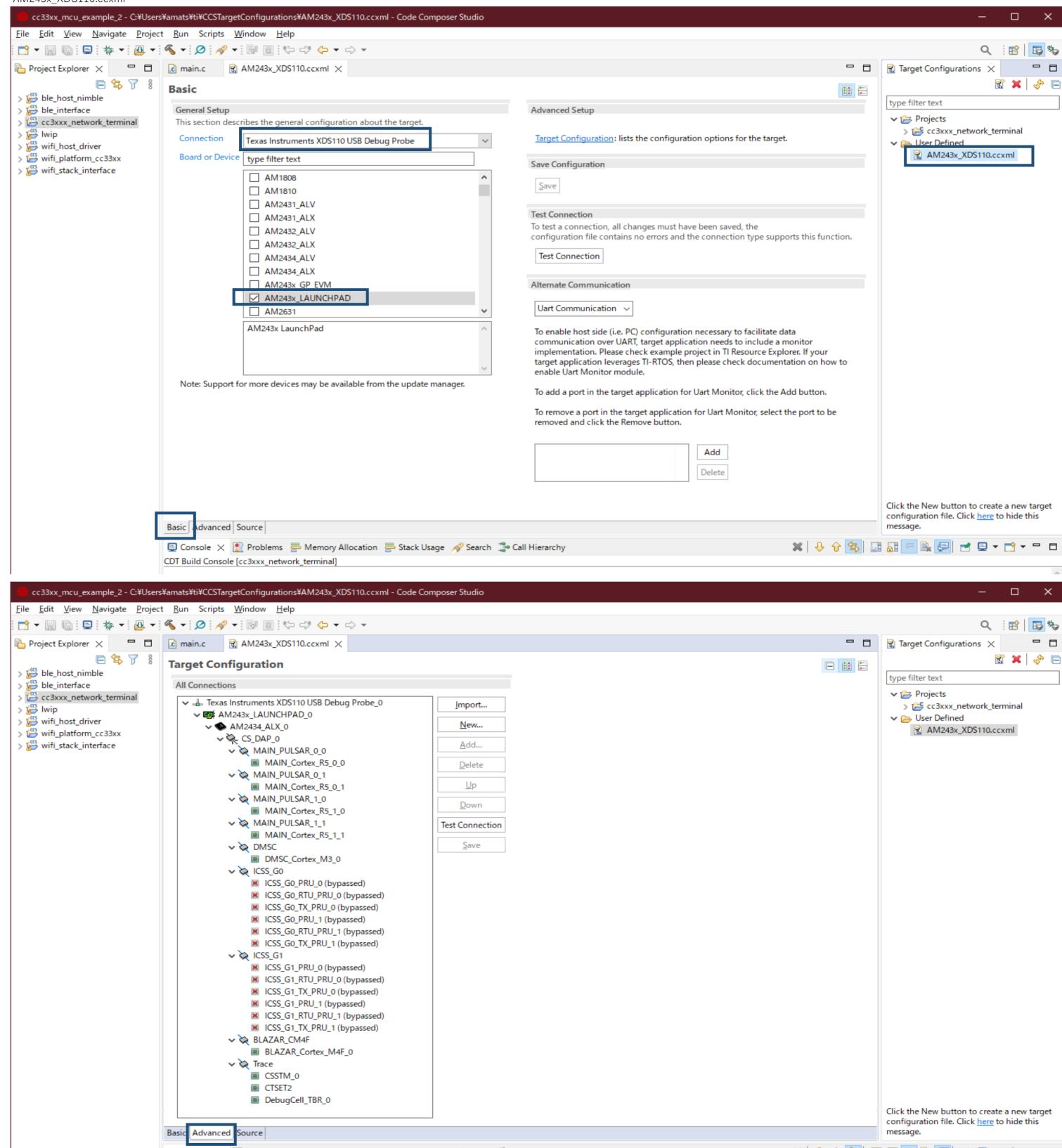
## NOBOOT MODE



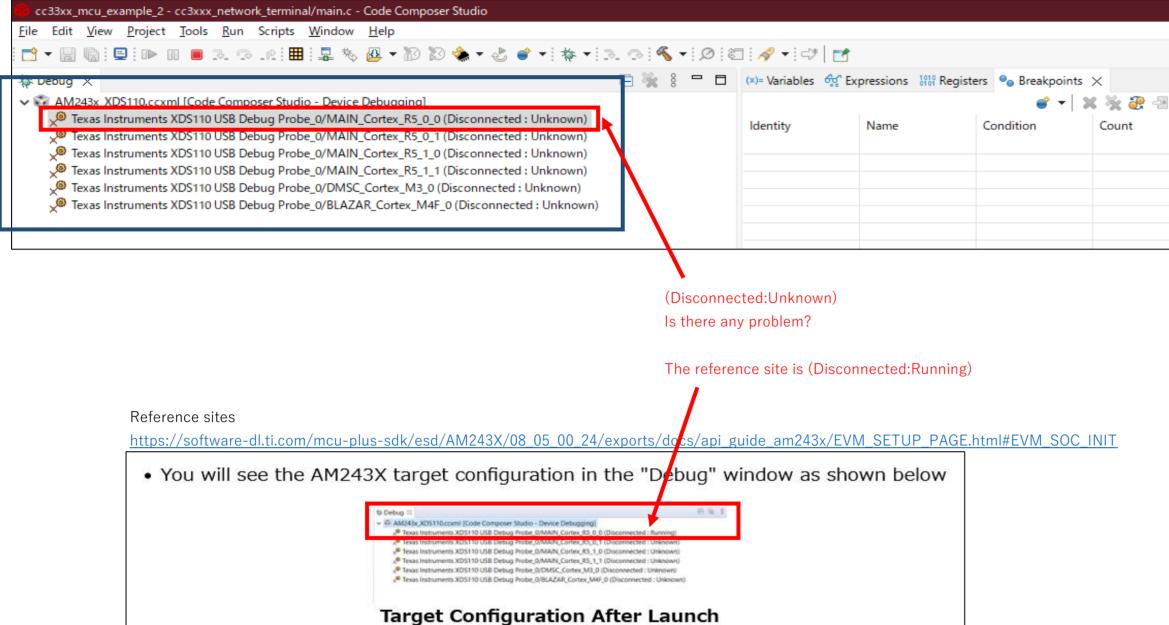
#### POWER-ON



## AM243x\_XDS110.ccxml



Launch the target configuration created with Create Target Configuration - □ X cc33xx\_mcu\_example\_2 - cc3xxx\_network\_terminal/main.c - Code Composer Studio File Edit View Navigate Project Run Scripts Window Help Q 🔡 🛱 😼 🖺 Project Explorer 🗴 📄 🔄 🍞 🖇 🗖 🔲 🖟 main.c 🗴 50 void \*myrealloc(void \* p, size\_t size) > 👸 ble\_host\_nimble 🖫 🗶 🗳 🗏 51 { > 👺 ble\_interface 52 return 0; type filter text > 👑 cc3xxx\_network\_terminal 53 } > 👺 lwip > 📂 Projects 55 void freertos\_main(void \*args) 🗸 🗁 User Defined > 👑 wifi\_host\_driver 56 **{** 57 R AM243x XDS110.ccxml > 👑 wifi\_platform\_cc33xx network\_terminal\_entry(NULL); Rew Target Configuration > 👺 wifi\_stack\_interface 58 vTaskDelete(NULL); Import Target Configuration 60 } Delete 61 62 Rename 63 int main() 64 { Refresh Launch Selected Launch Selected Configuration 🖃 Console 🗶 🔣 Problems 🗧 Memory Allocation 🚍 Stack Usage 🔗 Search 🌼 Call Hierarchy Set as Default **×** | ↓ **û** ⑤ Link File To Project CDT Build Console Properties 8 cc33xx\_mcu\_example\_2 - cc3xxx\_network\_terminal/main.c - Code Composer Studio <u>F</u>ile Edit <u>V</u>iew <u>P</u>roject <u>T</u>ools <u>R</u>un Scripts <u>W</u>indow <u>H</u>elp □ □ (x)= Variables of Expressions 1010 Registers on Breakpoints × 🗸 🚳 AM243x XDS110.ccxml [Code Composer Studio - Device Debugging] Texas Instruments XDS110 USB Debug Probe\_0/MAIN\_Cortex\_R5\_0\_0 (Disconnected: Unknown) Condition Identity Name Count Yew 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/BLAZAR\_Cortex\_M4F\_0 (Disconnected: Unknown)



load DMSC FW and initialize the SOC

