

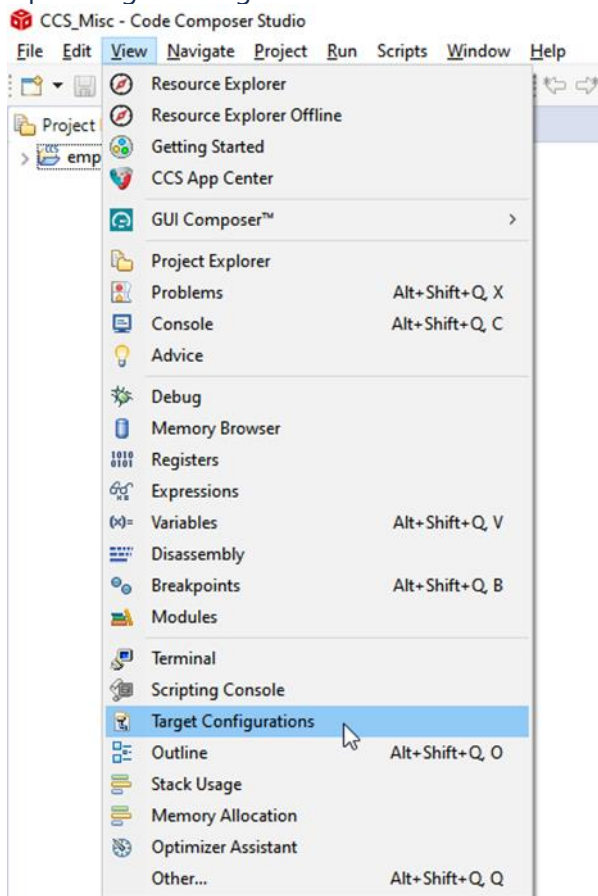
DSSM Mass Erase and Factory Reset

Solution 1 by CCS

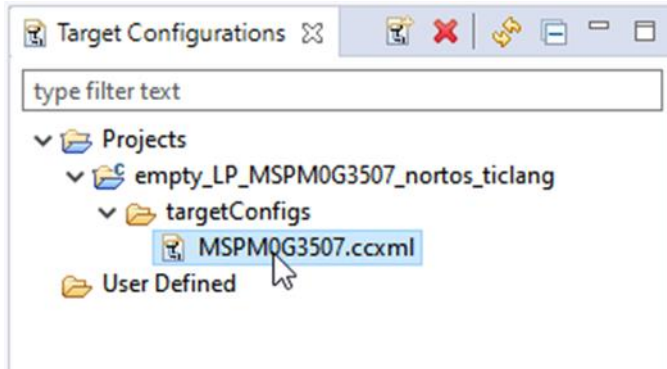
1. Hardware connection: XDS110 with MSPM0 device

Signals needed: GND, SWDIO, SWCLK, NRST

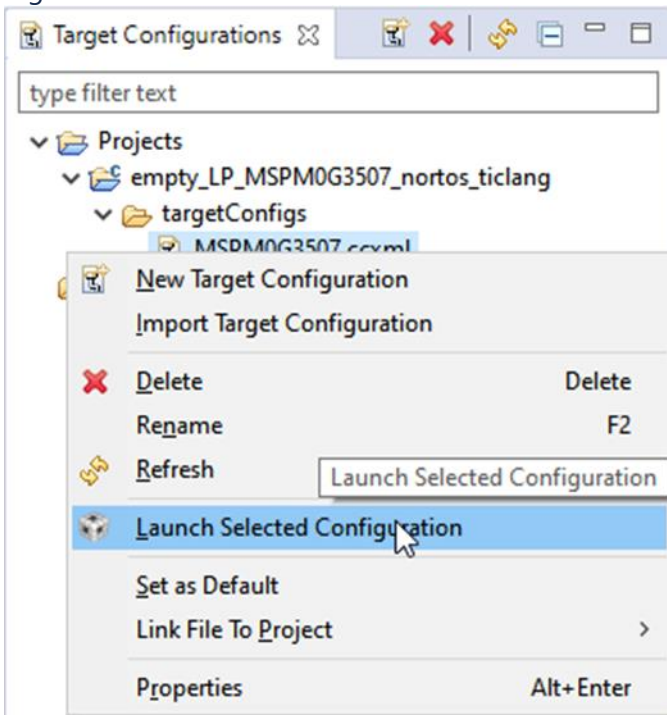
2. Open Target Configurations



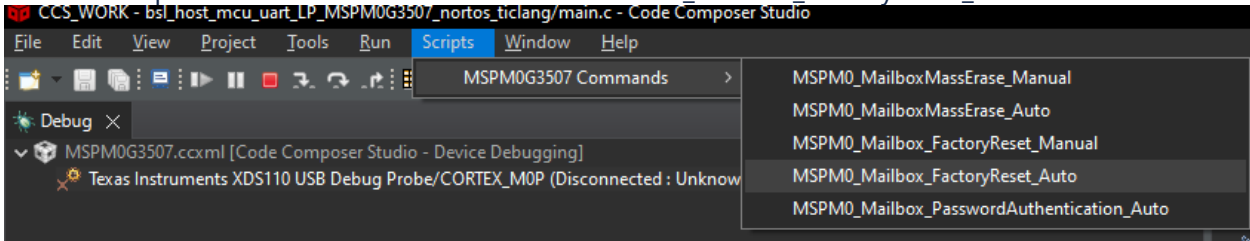
3. In the *Target Configurations* window, find your current MSPM0 project and expand the folders to find the .ccxml file:



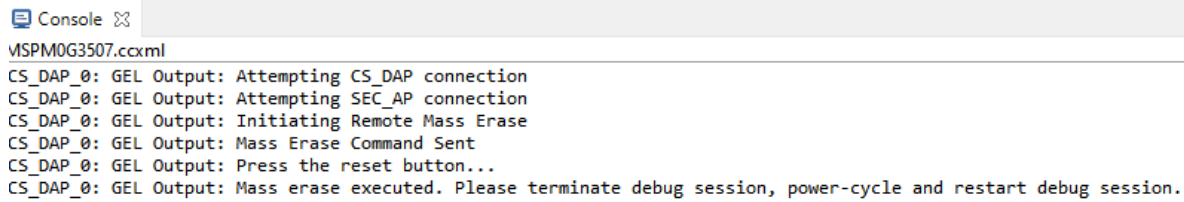
4. Right-click the .ccxml file and click on *Launch Selected Configuration*




5. Click on Scripts → MSPM0G3507 Commands → MSPM0_Mailbox_FactoryReset_Auto



6. the Console will show the following:



```
Console 
MSPM0G3507.ccxml
CS_DAP_0: GEL Output: Attempting CS_DAP connection
CS_DAP_0: GEL Output: Attempting SEC_AP connection
CS_DAP_0: GEL Output: Initiating Remote Mass Erase
CS_DAP_0: GEL Output: Mass Erase Command Sent
CS_DAP_0: GEL Output: Press the reset button...
CS_DAP_0: GEL Output: Mass erase executed. Please terminate debug session, power-cycle and restart debug session.
```

7. If that is not working, try force the device go into BSL and do the steps 2~6 above.

To force the device go into BSL mode, if you have not modify the default BSL invoke pin that is PA18 in Non-main flash, you can pull high of PA18 before power up the device and keep it high. If you use the Launchpad you can just keep push the button S1 when connect the board to PC.

Solution 2 by Online tool

[MSPM0 Factory Reset Tool \(ti.com\)](#)