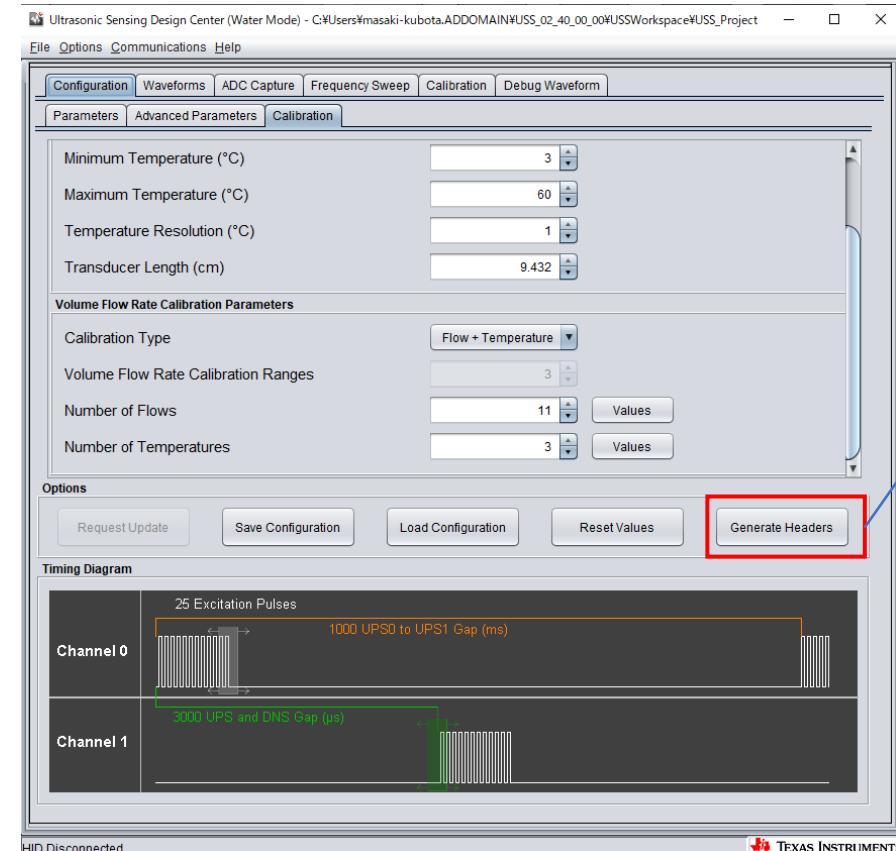
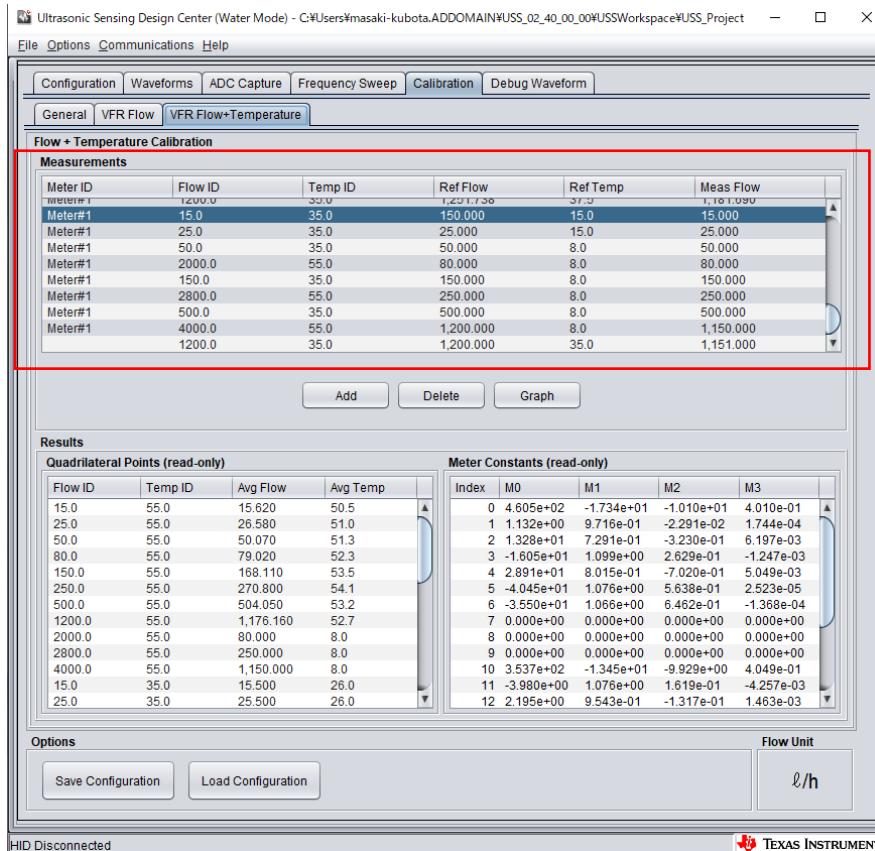


①

Enter parameters from measured values.



名前

USS_intrplCorrLUT.h
USS_meterVFRCalibFlowTemperature.h
USS_temperatureLUT.h
USS_userConfig.h

②

Click on "Generate Headers" to generate the above file.

(3)

Open CCS and replace the two files

workspace_v11 - MSP430FR6047EVM_USS_Water_Demo/USS_Config/USS_meterVFRCalibFlowTemperature.h - Code Composer Studio

File Edit View Navigate Project Run Scripts Window Help

Project Explorer

- MSP430FR6047EVM_USS_Water_Demo [Active - LPM]
 - Binaries
 - Includes
 - common
 - driverlib
 - hal
 - IQMathLib
 - LPM
 - QMathLib
 - targetConfigs
 - MSP430FR6047.ccxm [Active/Default]
 - readme.txt
 - USS_Config
 - USS_App_userConfig.c
 - USS_App_userConfig.h
 - USS_intrplCorrLUT.h
 - USS_meterVFRCalibFlow.h
 - USS_meterVFRCalibFlowTemperature.h**
 - USS_temperatureLUT.h
 - USS_userConfig.c
 - USS_userConfig.h
 - USSLibGUIApp
 - ussSWLib
 - Ink_msp430fr6047.cmd
 - main.c
 - system_pre_init.c

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名前

- USS_intrplCorrLUT.h
- USS_meterVFRCalibFlowTemperature.h**
- USS_temperatureLUT.h
- USS_userConfig.h

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44 ***4. Confidential Information. You acknowledge and agree that the Licensed Materi

(4)

Rebuild Project

File Edit View Navigate Project Run Scripts Window Help

Project Explorer

- MSP430FR6047EVM_USS_Water_Demo [Active - LPM]
 - New
 - Show In Alt+Shift+W >
 - Show in Local Terminal
 - Add Files...
 - Copy Ctrl+C
 - Paste Ctrl+V
 - Delete Delete**
 - Refactor
 - Source
 - Move...
 - Rename... F2
 - Import
 - Export...
 - Show Build Settings...
 - Build Project
 - Clean Project
 - Rebuild Project**
 - Refresh F5
 - Close Project
 - Build Targets
 - Index
 - Build Configurations
 - Debug As
 - Restore from Local History...
 - Team
 - Compare With
 - Properties Alt+Enter

in *config,
fixed_point *results)

#Num;
.Num;
->numOfFlows;

pQuadMeterConstants[mcIdx].iq16M0;
pQuadMeterConstants[mcIdx].iq16M1;
pQuadMeterConstants[mcIdx].iq16M2;
pQuadMeterConstants[mcIdx].iq16M3;

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```

results->iq16VolumeFlowRate = iq16TempSum;
return USS_message_code_no_error;
}
int32_t USS_getFlow(uint8_t col, uint8_t row, uint8_t numFlows,
USS_Algorithms_Quad_Point *pQuadPoints)
{
}

```

⑤

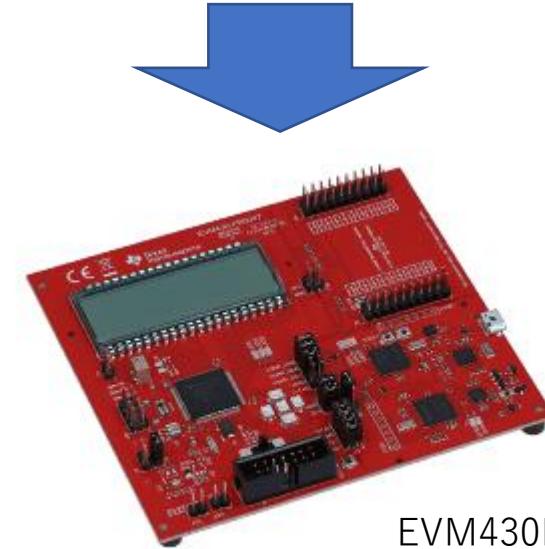
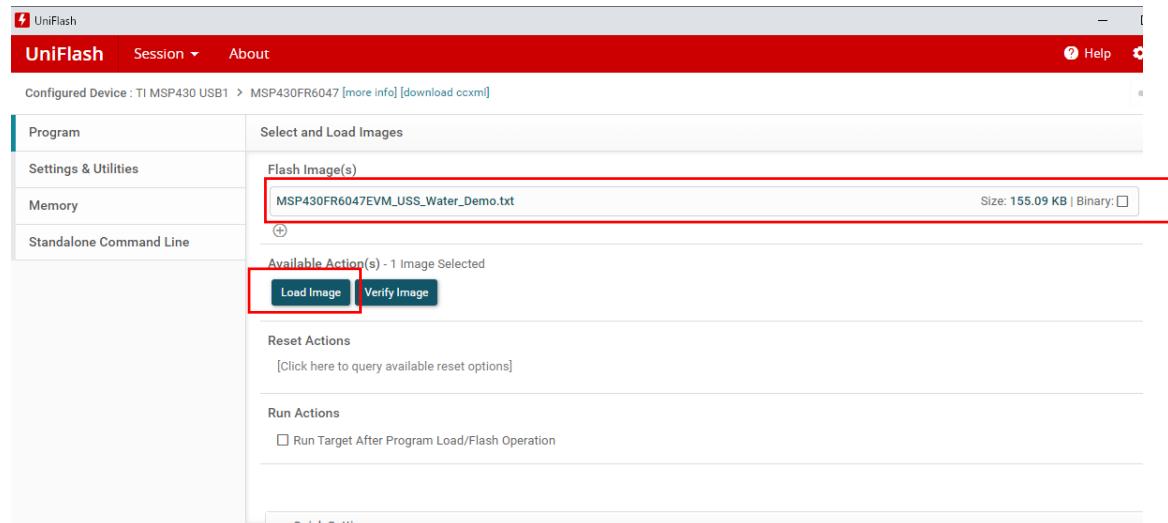
After the build I used "UniFlash" to write "MSP430FR6047EVM_USS_Water_Demo.txt" to "EVM430FR6047".

Console X

CDT Build Console [MSP430FR6047EVM_USS_Water_Demo]

```
"MSP430FR6047EVM_USS_Water_Demo.out" TIMER0_A1 ==> TIMER0_A1
"MSP430FR6047EVM_USS_Water_Demo.out" TIMER0_A0 ==> TIMER0_A0
"MSP430FR6047EVM_USS_Water_Demo.out" ADC12_B ==> ADC12_B
"MSP430FR6047EVM_USS_Water_Demo.out" EUSCI_B0 ==> EUSCI_B0
"MSP430FR6047EVM_USS_Water_Demo.out" EUSCI_A0 ==> EUSCI_A0
"MSP430FR6047EVM_USS_Water_Demo.out" WDT ==> WDT
"MSP430FR6047EVM_USS_Water_Demo.out" TIMER0_B1 ==> TIMER0_B1
"MSP430FR6047EVM_USS_Water_Demo.out" TIMER0_B0 ==> TIMER0_B0
"MSP430FR6047EVM_USS_Water_Demo.out" COMP_E ==> COMP_E
"MSP430FR6047EVM_USS_Water_Demo.out" UNMI ==> UNMI
"MSP430FR6047EVM_USS_Water_Demo.out" SYSNMI ==> SYSNMI
"MSP430FR6047EVM_USS_Water_Demo.out" .reset ==> .reset
"MSP430FR6047EVM_USS_Water_Demo.out" .text ==> .text
"MSP430FR6047EVM_USS_Water_Demo.out" .version ==> .version
"MSP430FR6047EVM_USS_Water_Demo.out" .libVersion ==> .libVersion
Finished building secondary target: "MSP430FR6047EVM USS Water Demo.txt"
```

***** Build Finished *****



EVM430FR6047