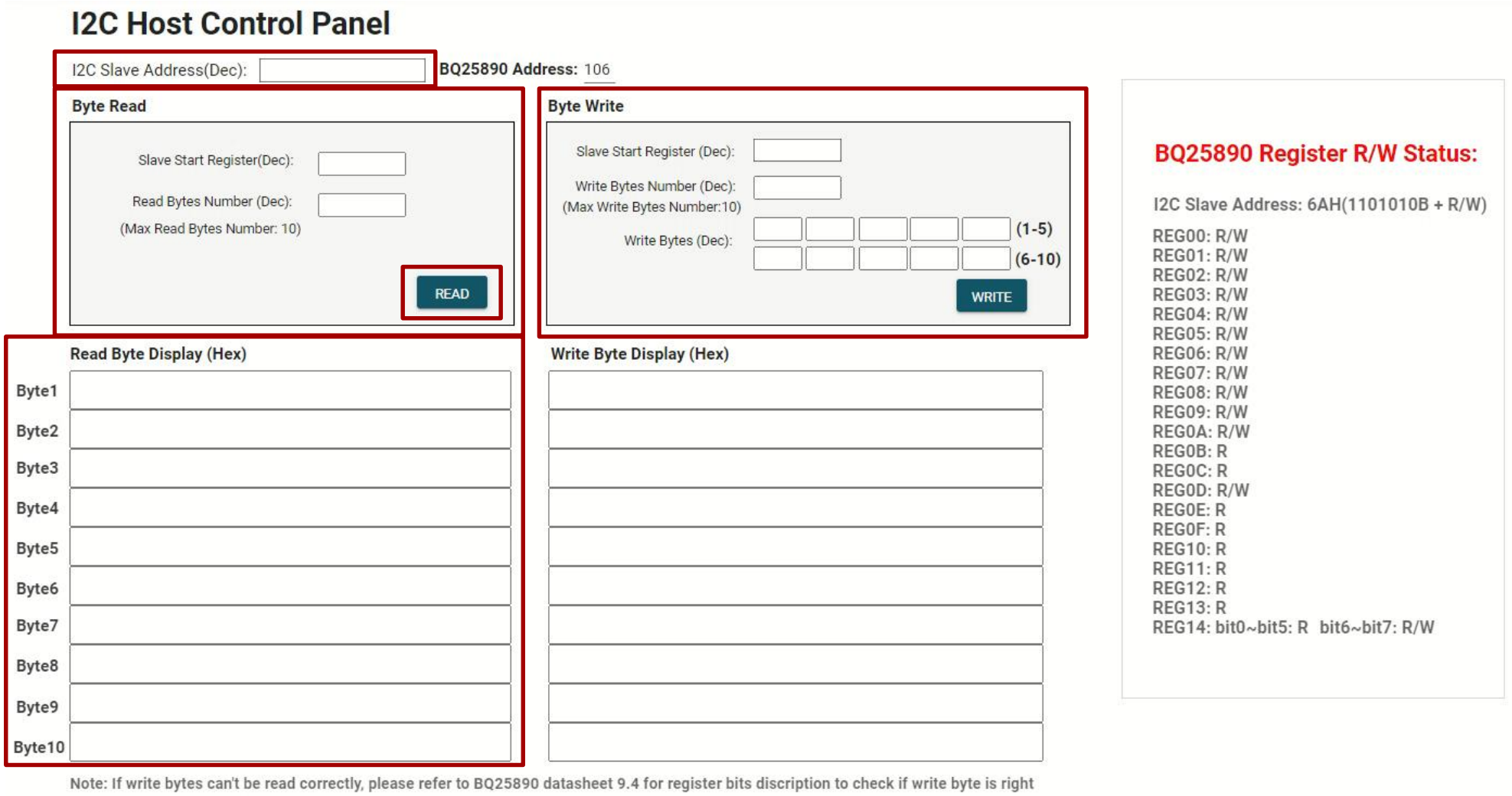
MSP I2C Host with Battery Charger IC

Housekeeping

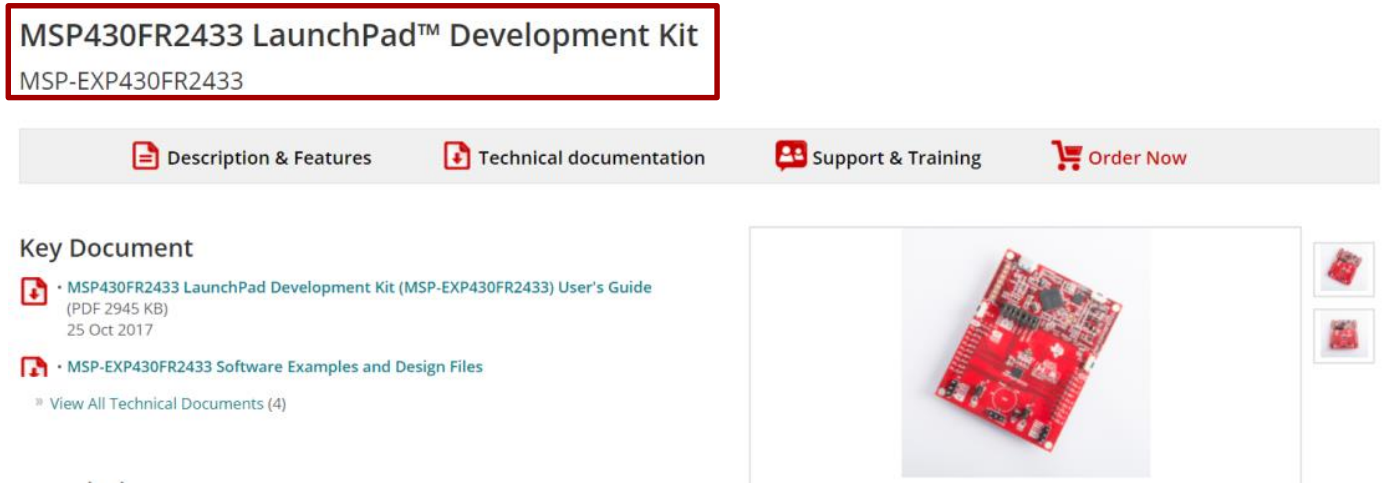
MSP430

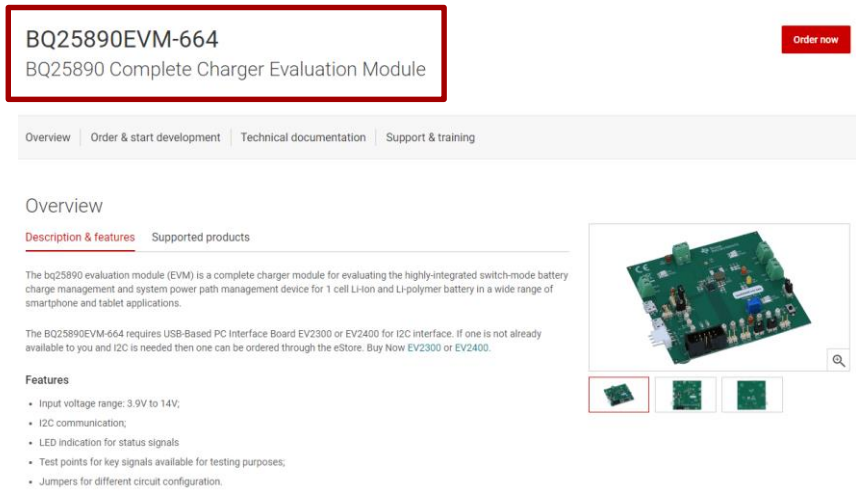
GUI User Interface



Hardware Needed for this Example Code

- MSP430FR2433 LaunchPad Development Kit
- BQ25890EVM-664 module



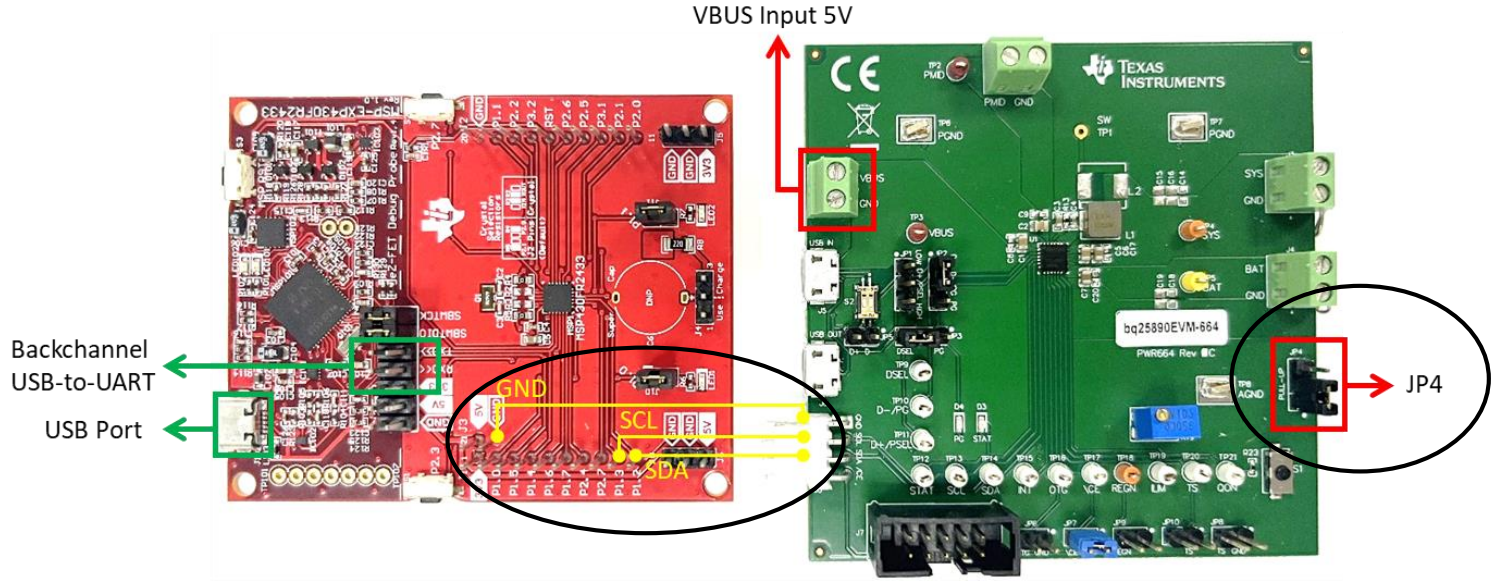


Hardware Connections

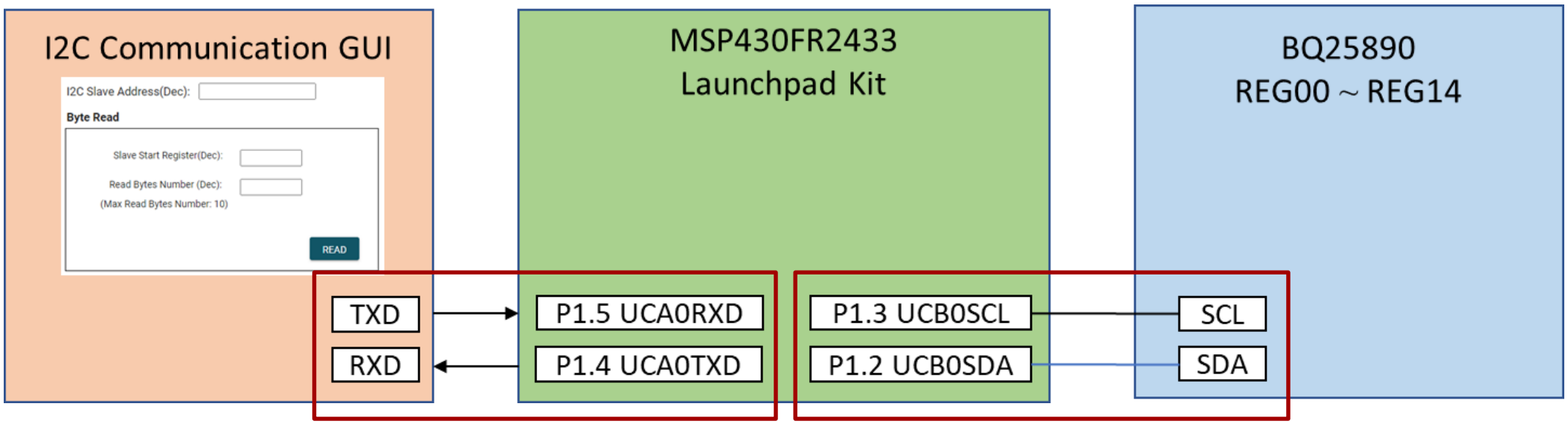
Step1: Connect BQ25890EVM-664 to MSP-EXP430FR2433 launchpad with SDA/SCL/GND line

Step2: Connect headers on BQ25890EVM-664

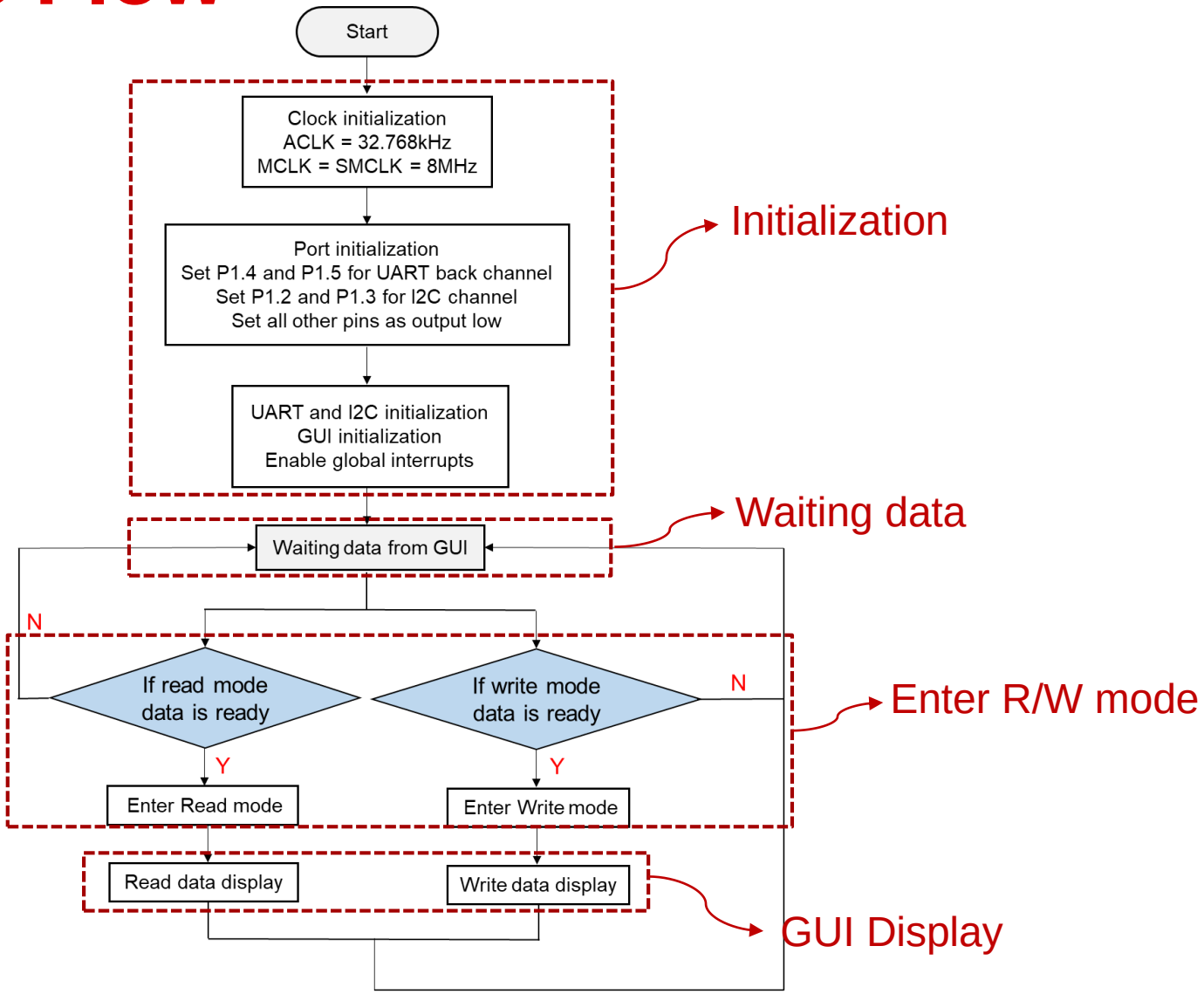
- Check JP1 to JP10
- Set JP4 to high level



System Overview



Example Code Flow



Thanks for watching!

MSP430FR2433: https://www.ti.com/product/MSP430FR2433

MSP430FR2433 LaunchPad: https://www.ti.com/tool/MSP-EXP430FR2433

BQ25890EVM-664: https://www.ti.com/tool/BQ25890EVM-664

MSP I2C Host with Battery Charger IC Tech Note: https://www.ti.com/lit/an/slaae51/slaae51.pdf

MSP I2C Host with Battery Charger IC Source Code: https://www.dev.ti.com/tirex

GUI Composer: https://dev.ti.com/gc/