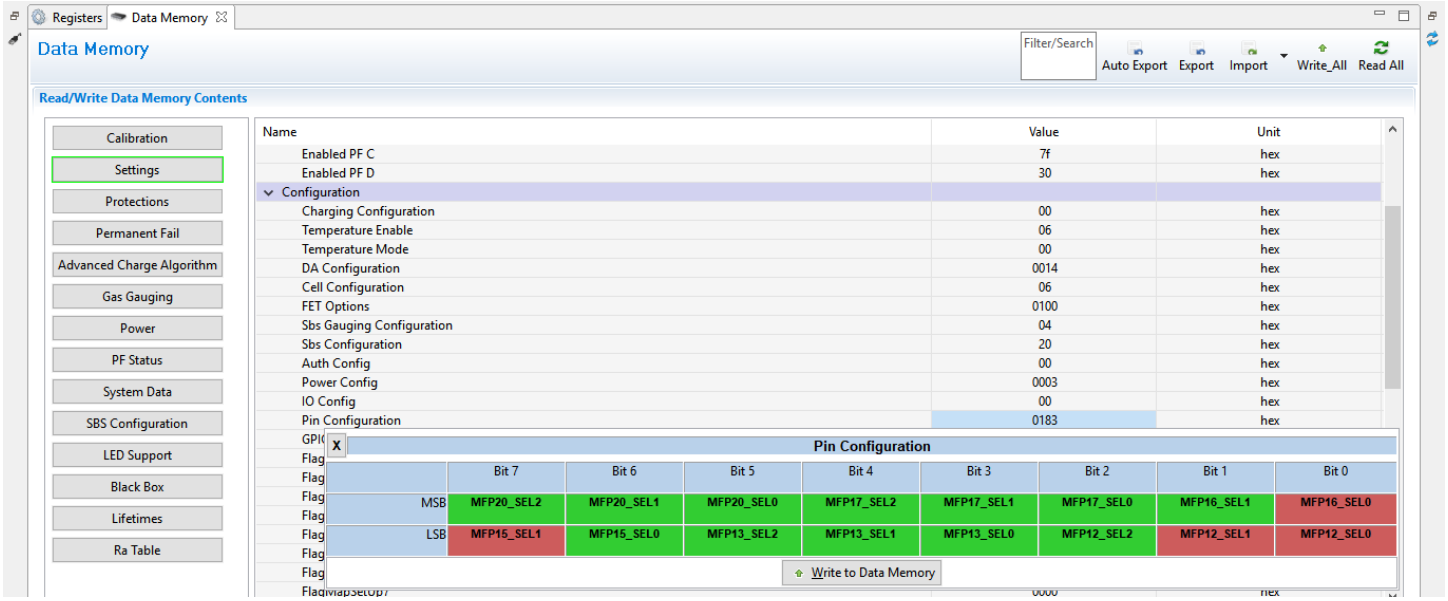
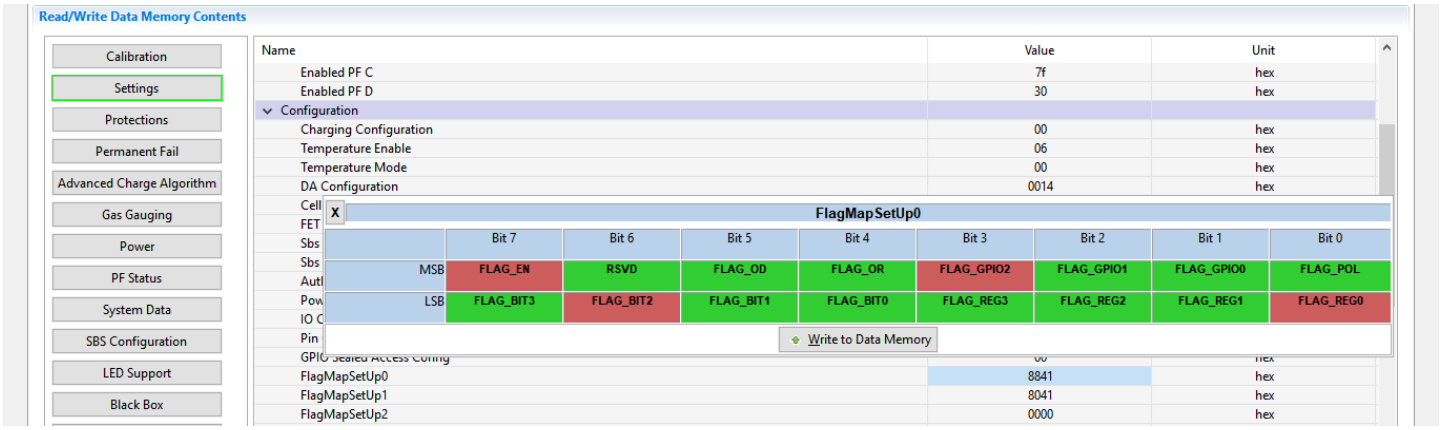


Pin configuration :

- PIN 20, 21 and 22 = LED pins
- Pin 17 = System Present Pin
- Pin 16 = Pre-discharge (PDSG)
- **Pin 15 = GPIO PIN**
- Pin 13 = Led Button
- Pin 12 = GPIO PIN



- FlagMapSetUp0 = 0x 8841

Configure the control register to map BatteryStatus()[FD].

– Set FlagMapSetUp0[FLAG_EN] = 1 to enable the control.

– Set FlagMapSetUp0[FLAG_REG2:0] = 0x01 for BatteryStatus().

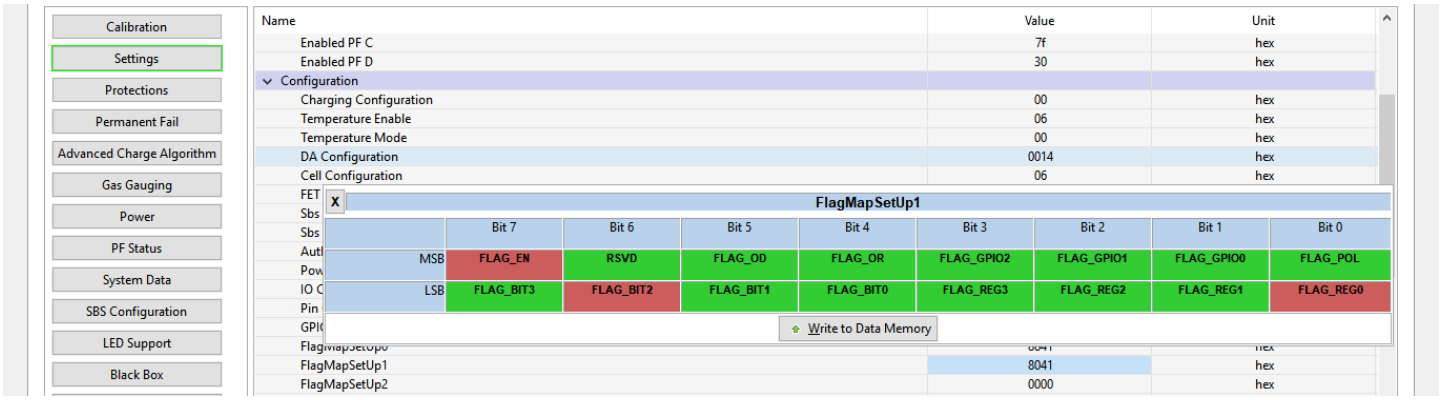
– Set FlagMapSetUp0[FLAG_BIT4:0] = 0x04 for BatteryStatus ()[FD].

– Set FlagMapSetUp0[FLAG_POL:0] = 0 for no change in the polarity of the flag.

– Set FlagMapSetUp0[FLAG_GPIO2:0] = 0x04 for the Pin 15 (RH2 pin).

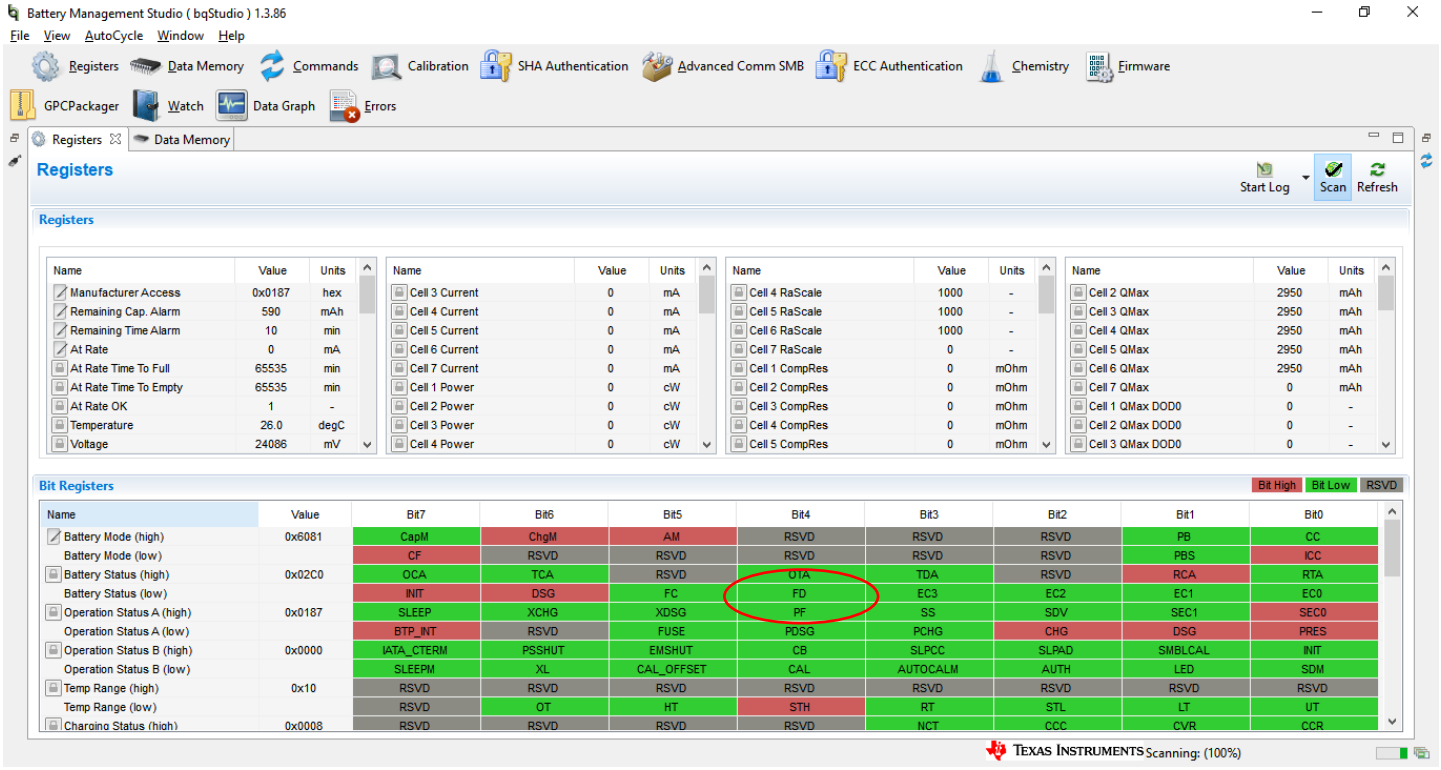
– Set FlagMapSetUp0[FLAG_OR] = 0 for the AND operation.

– Set FlagMapSetUp0[FLAG_OD] = 0 for driven-high/driven low



- FlagMapSetUp1 = 0x 8041

Configure the control register to map BatteryStatus()[FD] with the PIN12



FD bit = 0 but Pin 15 is always to 1,5V.