Steps I am following for Writing into BQ27510-G3 data-flash **“Charging Voltage ”** Register.

Step 1: write first byte of Unseal key if it is sealed

 I2c->write(0x00, 0x14, 0x04)

Step2: writing second byte of Unseal Key

 I2c->write(0x00, 0x72, 0x36)

Step 3: writing blockdatacontrol() command followed by 0x00

 I2C->write(0x61, 0x00)

Step 4: writing DataFlashClass() command followed by subclass 0x22(As subclass ID is 34)

 I2C->write(0x3E, 0x22)

Step 5: writing DataFlashblock() command followed by offset region 0x00 (because charging voltage

 offset is 2 which is less than 32)

 I2C->write(0x3F, 0x00)

Step 6: Writing specific offset location at 0x42

 I2C->write(0x42)

Step 7: Writing new value to the specific location 0x68

 I2C->write(0x68)

Step 8: Writing Checksum address 0x60

 I2C->write(0x60)

Step 9: Writing New checksum value

Step 10: Resetting Gauge

Step 11: Sealing the Gauge