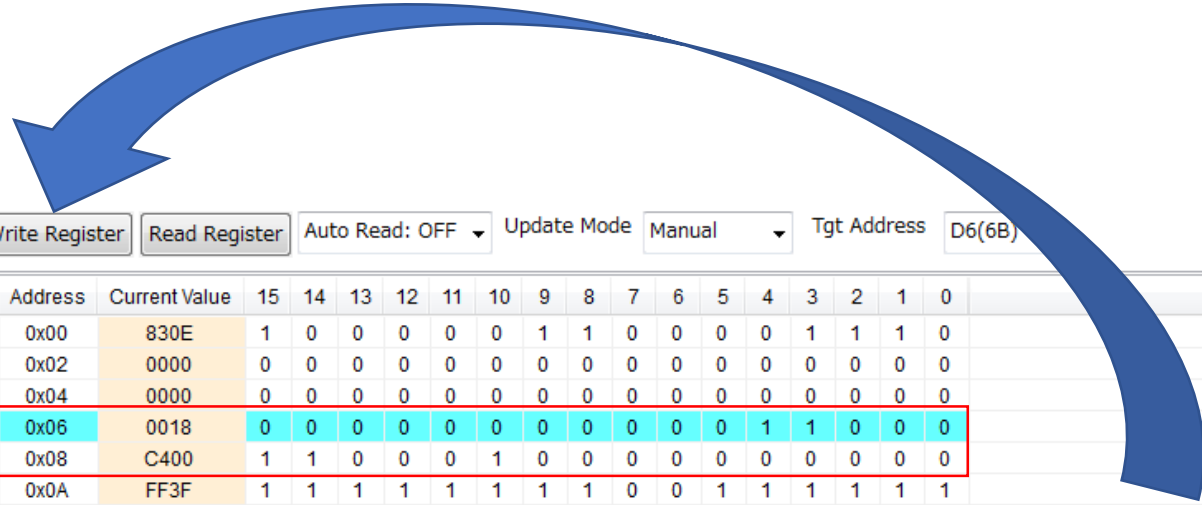


1.Default → Load Registers



Save Registers Load Registers Start Log Write Register Read Register Auto Read: OFF Update Mode Manual Tgt Address D6(6B) Device ACK OK

Register Name	Address	Current Value	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Charge Option 0	0x00	830E	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
Charge Current Register	0x02	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charge Voltage Register	0x04	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTG Voltage Register	0x06	0018	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
OTG Current Register	0x08	C400	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Input Voltage Register	0x0A	FF3F	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
Minimum System Voltage	0x0C	0E00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
Input Current Register	0x0E	4100	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Charge Status Register	0x20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prochot Status Register	0x22	A800	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Input Current Limit In Use	0x24	4100	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
VBUS and PSYS Voltage Read Back	0x26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charge and Discharge Current Read Back	0x28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Input Current and CMPIN Voltage Read Back	0x2A	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
System and Battery Voltage Read Back	0x2C	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manufacture ID and Device ID Read Back	0x2E	FA00	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
Device ID Read Back	0x2F	FF1F	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
Charge Option 1	0x30	0211	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1
Charge Option 2	0x32	02B7	0	0	0	0	0	0	1	0	1	0	1	1	0	1	1	1
Charge Option 3	0x34	0030	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Prochot Option 0	0x36	4A65	0	1	0	0	1	0	1	0	0	1	1	0	0	1	0	1
Prochot Option 1	0x38	81A0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
ADC Option	0x3A	2000	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0



bq25713 test 2019.txt

OTG Voltage Register

OTG Voltage Limit 48mv or 1328mV

2. Write Register

Save Registers Load Registers Start Log Write Register Read Register Auto Read: OFF Update Mode Manual Tgt Address D6(6B) Device ACK OK

Register Name	Address	Current Value	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Charge Option 0	0x00	830E	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
Charge Current Register	0x02	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charge Voltage Register	0x04	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTG Voltage Register	0x06	0018	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
OTG Current Register	0x08	C400	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Input Voltage Register	0x0A	FF3F	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
Minimum System Voltage	0x0C	0E00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
Input Current Register	0x0E	4100	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Charge Status Register	0x20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prochot Status Register	0x22	A800	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Input Current Limit In Use	0x24	4100	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
VBUS and PSYS Voltage Read Back	0x26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charge and Discharge Current Read Back	0x28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Input Current and CMPIN Voltage Read Back	0x2A	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
System and Battery Voltage Read Back	0x2C	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manufacture ID and Device ID Read Back	0x2E	FA00	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
Device ID Read Back	0x2F	FF1F	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
Charge Option 1	0x30	0211	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1
Charge Option 2	0x32	02B7	0	0	0	0	0	1	0	1	0	1	1	0	1	1	1	1
Charge Option 3	0x34	0030	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Prochot Option 0	0x36	4A65	0	1	0	0	1	0	1	0	0	1	1	0	0	1	0	1
Prochot Option 1	0x38	81A0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
ADC Option	0x3A	2000	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

OTG Voltage Register

OTG Voltage Limit 48mv or 1328mV

3. Write Register

※The contents of load and writing are reset.

Save Registers Load Registers Start Log Write Register Read Register Auto Read: OFF Update Mode Manual Tgt Address D6(6B) Device ACK OK

Register Name	Address	Current Value	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Charge Option 0	0x00	870E	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0
Charge Current Register	0x02	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charge Voltage Register	0x04	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTG Voltage Register	0x06	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTG Current Register	0x08	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Input Voltage Register	0x0A	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum System Voltage	0x0C	0E00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Input Current Register	0x0E	4100	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Charge Status Register	0x20	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prochot Status Register	0x22	A800	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Input Current Limit In Use	0x24	4100	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
VBUS and PSYS Voltage Read Back	0x26	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Charge and Discharge Current Read Back	0x28	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Input Current and CMPIN Voltage Read Back	0x2A	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
System and Battery Voltage Read Back	0x2C	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manufacture ID and Device ID Read Back	0x2E	8840	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Device ID Read Back	0x2F	1188	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0
Charge Option 1	0x30	0211	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1
Charge Option 2	0x32	02B7	0	0	0	0	0	1	0	1	0	1	1	0	1	1	1	1
Charge Option 3	0x34	0030	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Prochot Option 0	0x36	4A65	0	1	0	0	1	0	1	0	0	1	1	0	0	1	0	1
Prochot Option 1	0x38	81A0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
ADC Option	0x3A	2000	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

OTG Voltage Register

OTG Voltage Limit 0mv or 1280mV