

Battery Management Studio (bqStudio) 1.3.54.1

File View Window Help

Charger Registers Data Memory Registers Commands FOD Resistor Calibration Calibration Calibration bq78350 Calibration Calibration bq78350_R1 Authentication Authentication Seal_Unseal Advanced Comm SMB Advanced Comm Chemistry One Time Programmable Memory Field Programmer Firmware WPKD Sec to FlashStream HDQ I2C To HDQ GPCPackager Watch Watch Data Graph

Battery Management Studio Perspective

Dashboard Commands Registers Registers

Auto Refresh is ON - Click to Turn OFF
bqStudio Version: 1.3.54.1

EV2400
Version: 0.28

I2C

bq34z100G1
0100_0_16
Addr: 0xAA
21.3 °C

3992 mV
78%

Commands

CONTROL_STATUS	DEVICE_TYPE
FW_VERSION	HW_VERSION
RESET_DATA	PREV_MACWRITE
CHEM_ID	BOARD_OFFSET
CC_OFFSET	CC_OFFSET_SAVE
DF_VERSION	SET_FULLSLEEP
STATIC_CHEM_CHKSUM	ALL_DF_CHKSUM
STATIC_DF_CHKSUM	SEALED
IT_ENABLE	CAL_ENABLE
RESET	EXIT_CAL
ENTER_CAL	OFFSET_CAL
UNSEAL	UNSEAL_FULL_ACCESS

Manual Control Panel

Enter Cmd Delay Ms Access Style

1000 1

Read Addr Length

Log Panel Clear Log

Transaction Log

Name	Cmd	Result	Read A...
CONTR...	0x00	0x0014	0x00
CONTR...	0x00	0x0014	0x00
ENTER...	0x81	N/A	N/A
DEVICE...	0x01	0x0100	0x00
EXIT_CAL	0x80	N/A	N/A

Registers Start Log Scan Refresh

Registers

Name	Value	Units	Name	Value	Units	Name	Value	Units
Control	0x0016	Hex	Average Time to Full	65535	Min	DoDatEOC	96	-
State Of Charge	78	%	Available Energy	2830	mWhr	Ostart	221	mAh
Max Error	100	%	Average Power	0	mW	True RC	754	mAh
Remaining Capacity	754	mAh	Internal Temperature	22.1	°C	True FCC	975	mAh
Full Charge Capacity	975	mAh	Cycle Count	0	Counts	State Time	13	sec
Voltage	3991	mV	State Of Health	98	%	DOD0 Passed Q	0	mAh
Current	0	mA	Charge Voltage	4200	mV	DOD0 Time	0	hr/16
Average Current	0	mA	Charge Current	500	mA	DOD0	3712	-
Temperature	21.4	°C	Grid Number	0	-	Qmax DOD0	0	-
Average Time to Empty	65535	Min	Learned Status	0	hex	Qmax Passed Q	0	mAh
						Qmax Time	0	hr/16

Bit Registers

Name	Value	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Control Status (high)	0x0014	RSVD	FAS	SS	CALEN	CCA	BCA	CSV	RSVD
Control Status (low)		RSVD	RSVD	FULLSLEEP	SLEEP	LDMD	RUP_DIS	VOK	QEN
Pack Configuration...	0x41D9	RESCAP	CAL_EN	SCALED	RSVD	VOLSEL	WAKE	RSNS1	RSNS0
Pack Configuration...		RFACTSTEP	SLEEP	RMFCC	NDT	NDV	PB_RESTART	GNDSEL	TEMPS
Flags (high)	0x0110	OTC	OTD	BATHI	BATFLOW	CHG_INH	XCHG	FC	CHG
Flags (low)		OCVTAKEN	RSVD	RSVD	CF	RSVD	SOC1	SOCF	DSG
Flags B (high)	0x2400	SOH	LIFE	FIRSTDOD	RSVD	RSVD	DODEOC	DTRC	RSVD
Flags B (low)		RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

© Write Block :Operation executed successfully.

TEXAS INSTRUMENTS

Démarrer