

IFM12-420E3: SMBus Readout (TI EV2300 / EV2400)

File Options AutoCycle View Window Help

TEXAS INSTRUMENTS REAL WORLD SIGNAL PROCESSING™

Refresh
Start Logging
Stop Logging
 Keep Scanning
Write 2 word Command
Graphs...

Name	Value	Unit	Log	Scan
Manufacturer Access	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Cap. Alarm	420	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Time Alarm	1	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Mode	6001	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate	0	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate Time To Full	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate Time To Empty	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
At Rate OK	1	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temperature	24.35	degC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Voltage	13298	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Name	Value	Unit	Log	Scan
Current	0	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Average Current	0	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Max Error	2	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Relative State of Charge	70	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Absolute State of Charge	70	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Capacity	14576	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Full charge Capacity	21058	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Run time To Empty	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Average Time to Empty	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Average Time to Full	65535	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Name	Value	Unit	Log	Scan
Charging Current	11000	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charging Voltage	14400	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Status	00C0	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cycle Count	5	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 4	3325	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 3	3325	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 2	3323	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 1	3324	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FET Status	0006	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Name	Value	Unit	Log	Scan
Safety Alert	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Safety Status	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PF Alert	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PF Status	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Operation Status	8840	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charging Status	0400	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temperature Range	0004	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pending EDV	11600	mv	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Manufacturing Status	8000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Static Data

Name	Value	Unit
Design Capacity	21000	mAH
Design Voltage	12800	mV
Specification Info	0001	hex
Manufacture Date	09-Sep-2014	
Serial number	0001	
Manufacturer Name	Drypower	
Device Name	IFM12420E3	
Device Chemistry	LiFe	

Refresh with Battery Mode scan selected to show proper values/units.

Show Flags
Show Static Data

Scan Off
Device: bq3050 R0, FW version: V0_02_BLD0003

Communication OK.
SBS Task Progress: 100%
Task Completed.
01:27:23 PM



SBS

Data Flash

Pro

Calibrate

