

# IFM12-450E3: 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	500	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Time Alarm	10	min	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Mode	6081	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	24.75	degC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Voltage	13286	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	8	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Relative State of Charge	72	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Absolute State of Charge	70	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Capacity	15638	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Full charge Capacity	21744	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	10000	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charging Voltage	14600	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Status	00C0	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cycle Count	10	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 4	3321	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 3	3321	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 2	3321	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 1	3322	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 EbV	10800	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	22500	mAh
Design Voltage	12800	mV
Specification Info	0001	hex
Manufacture Date	09-Sep-2014	
Serial number	0001	
Manufacturer Name	Drypower	
Device Name	IFM12450E3	
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. 01:30:38 PM

**SBS**

**Data Flash**

**Pro**

**Calibrate**

**Fuel Gauge**  
72%