

IFM12-90E3: SMBus Readout (TI EV2300 / EV2400)

File Options AutoCycle View Window Help

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	5	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	26.05	degC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Voltage	12433	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	18	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Absolute State of Charge	18	%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remaining Capacity	1534	mAh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Full charge capacity	8744	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	4500	mA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charging Voltage	14600	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Status	0000	hex	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cycle Count	1	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 4	3229	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 3	3225	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 2	2754	mV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cell Voltage 1	3225	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	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	9000	mAH
Design Voltage	12800	mV
Specification Info	0031	hex
Manufacture Date	09-Sep-2014	
Serial number	0001	
Manufacturer Name	Drypower	
Device Name	IFM1290E3	
Device Chemistry	LiFe	

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

Scan Off Device: bq3050 R0, FW version: V0_02_BLD0003

Show Flags Show Static Data

Communication OK.

SBS Task Progress: 100% Task Completed.

09:09:50 AM

SBS

Data Flash

Pro

Calibrate

100%

0% Fuel Gauge 18%