



PCM for 14.4/14.8V Lilon Battery Pack

SPECIFICATIONS

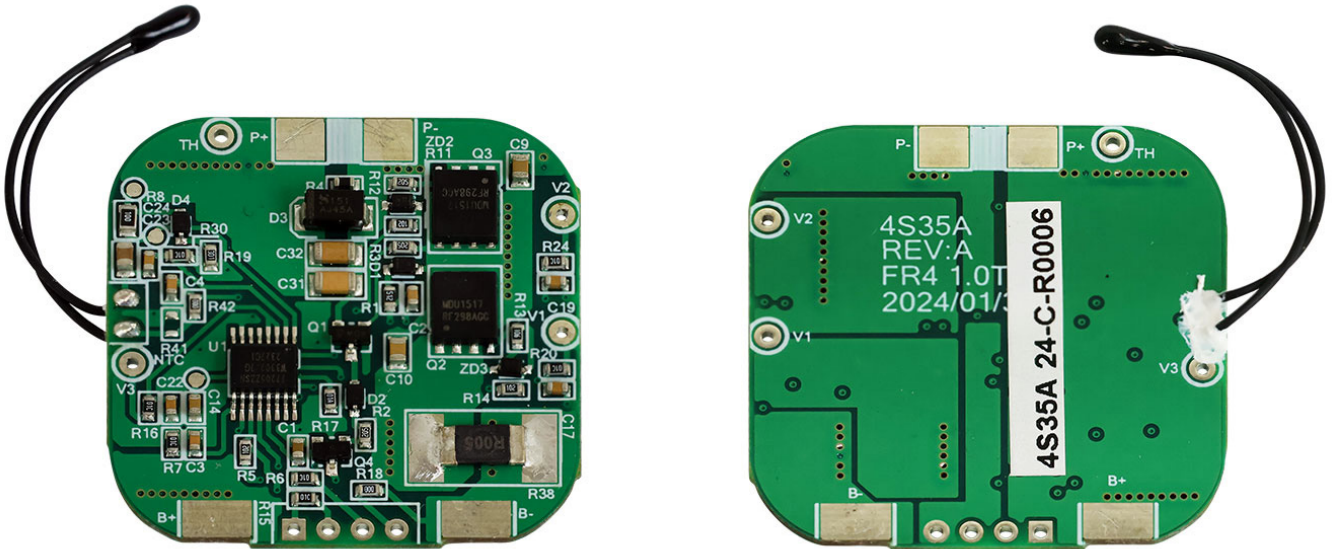
No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low current consumption for single cell	≤35μA
		Maximum continuous charge/discharge current	5A
3	Over Charge Protection	Over charge detection voltage	4.25V±0.015V
		Over charge detection delay time	1 sec
		Over charge release voltage	4.0V±0.035V
4	Over Discharge Protection	Over discharge detection voltage	2.7V±0.04V
		Over discharge detection delay time	1 sec
		Over discharge release voltage	3.0V±0.04V
5	Over Charge Current Protection	Over charge current threshold	10A
		Over charge current delay time	250ms
		Over charge current release	N/A
6	Over Discharge Current Protection	Over discharge current threshold 1	10A±1A
		Over discharge current delay time 1	1 sec
		Over discharge current release 1	Open loop
		Over discharge current threshold 2	20A±2A
		Over discharge current delay time 2	250ms
7	Short Protection	Over discharge current release 2	Open loop
		Detection condition	50A±3A
		Detection delay time	500μs
8	Temperature Protection	Release condition	Open loop
		Charge over temperature threshold	55°C
		Charge over temperature release	52°C
		Charge under temperature threshold	-5°C
		Charge under temperature release	-2°C
		Discharge over temperature threshold	65°C
		Discharge over temperature release	62°C
		Discharge under temperature threshold	-20°C
		Discharge under temperature release	-17°C
Temperature protection delay time	1 sec		
9	Dimensions	L 35.0mm x W 35.0mm x T 3.5mm	





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IMAGE



CONNECTION DIAGRAM

