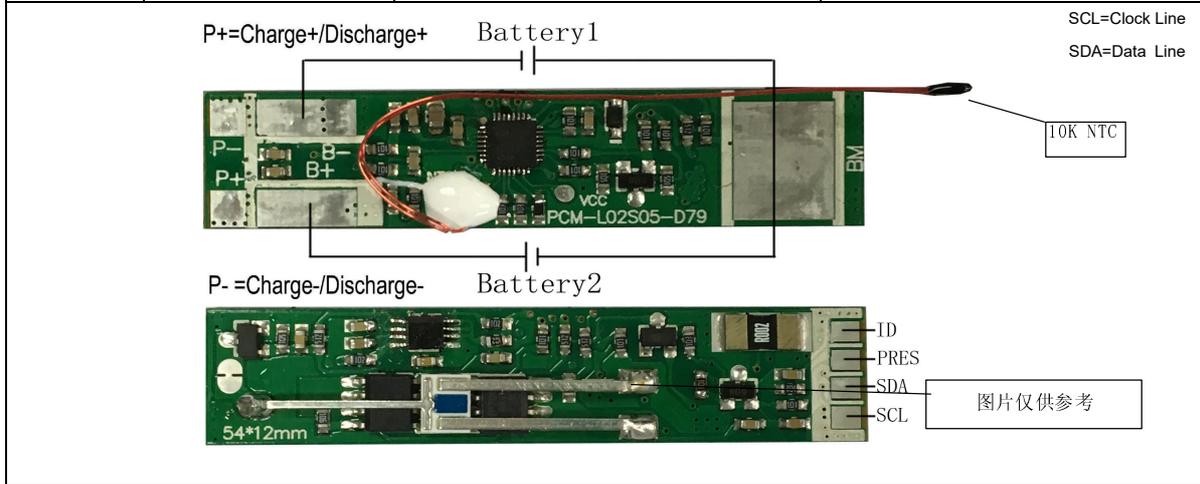


Protection Circuit Module Specifications For6.4V(2S) LI-ion Battery Pack

Model: PCM-L02S05-D79 (2S)

No.	Test item (Test at normal temperature 25±2℃ and relative humidity≤90%)	Criterion	
1	Voltage Charging voltage	DC:8.4V CC/CV (4.2V/1Cell)	
2	Design Design Capacity	mA	
3	Current	Current consumption(software)	<600uA
		Current consumption(sleep mode)	<100uA
		Maximal continuous charging current	5A
		Maximal continuous Discharging current	5A
4	Over Current Protection	OCC1 Threshold	10000mA
		OCC1 Delay	2s
		OCC2 Threshold	12000mA
		OCC2 Delay	1s
		OCD1 Threshold	10000mA
		OCD1 Delay	2s
		OCD2 Threshold	12000mA
		OCD21 Delay	2s
5	Over charge protection	COV Threshold Low Temp	4.25V±0.05V
		COV Threshold Standard Temp	4.25V±0.05V
		COV Threshold High Temp	4.25V±0.05V
		COV Threshold Rec Temp	4.25V±0.05V
		COV Delay	2S
		COV Recovery Low Temp	4.10V±0.05V
		COV Recovery Standard Temp	4.10V±0.05V
		COV Recovery High Temp	4.10V±0.05V
		COV Recovery Rec Temp	4.10V±0.05V
		6	Over discharge Protection
CLV Delay	2S		
CLV Recovery	2.50V±0.05V		
CLVC Threshold	2.50V±0.05V		
CLVC Delay	2S		
CLVC Recovery	3.00V±0.05V		
7	Over Temperature protection	OTC Threshold	+60℃±3℃
		OTC Delay	2S
		OTC Recovery	+55℃±3℃
		OTD Threshold	+60℃±3℃
		OTD Delay	2S
		OTD Recovery	+55℃±3℃
		OTF Threshold	+139℃±5℃
		OTF Delay	2S
		OTF Recovery	+139℃±5℃
		UTC Threshold	0℃±3℃
		UTC Delay	2S
		UTC Recovery	3℃±3℃
		UTD Threshold	-30℃±3℃
		UTD Delay	2S
UTDRecovery	-15℃±5℃		
8	secondary protection, battery .overcharge protection.	CELL 4.45V±0.1V	
9	Short protection	Detection condition	P+,P- Short Circuit
		Detection delay time	200-500us
		Release condition	Cut load
10	Resistance	Protection circuitry ≤50mΩ	
11	Temperature	Operating Temperature Range	-30~+85℃
		Storage Temperature Range	-40~+125℃



maka: 农善朋

Audit:

Approval: