



Working current: 5A
 Size: L28*W5*T2.5mm
 Balancing: NO
 Temp. control: No
 Battery Type: Li-ion/Li-po
 Battery Series: 1S
 Continuous Current: 0-5A

DETAILS

Protection Circuit Module Specifications For 3.7V Li-ion/Li-polymer Battery Pack				
Model: PCB-L01S05-294 (1S) with NTC				
No	Test item		Criterion	
				Li-ion/Li-polymer
1	Voltage	Charging voltage		DC:4.2V CC/CV (4.2V/cell)
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell		≤10μA
		Max. continuous charging current		5A
		Max. cont. discharging current		5A
3	Over charge protection (single cell)	Over charge detection voltage		4.28±0.025V (optional)
		Over charge detection delay time		0.5S—2.0S
		Over charge release voltage		4.05/4.10 ±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage		3.0±0.05V (optional)
		Over discharge detection delay time		10-300mS
		Over discharge release voltage		3.0±0.1V
5	Over current protection	Over current detection voltage		depend on the above points
		Over current detection current		(10-15A) final data fixed from actual test
		Detection delay time		5-20ms
		Release condition		Cut load, Auto release
6	Short protection	Detection condition	Exterior short circuit	
		Detection delay time	100~500us	
		Release condition	charge up	
7	Resistance	Protection circuitry	≤50mΩ	
8	Temperature	Operating Temperature Range	-40~+85°C	
		Storage Temperature Range	-40~+125°C	
9	Dimension	L28*W5*T2.5mm		