

## Protection Circuit Module Specifications For 3.7V Li-ion/Li-Po Battery Pack

Model: PCB-LIS1A15

No.	Test item (Ta = 25°C)		Criterion
1	Voltage	Charging voltage	DC: 4.2V CC/CV
2	Current	Current consumption	≤10 μA
		Maximal continuous charging current	15A
		Maximal continuous discharging current	15A
		Maximal continuous discharging current	20A (5 Minute)
3	Over charge Protection	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.5S—2.0S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection	Over discharge detection voltage	2.50±0.062V
		Over discharge detection delay time	14—26mS
		Over discharge release voltage	3.0±0.075V
5	Over current protection	Over current detection voltage	0.2v±0.015V
		Over current detection current	35±5A
		Detection delay time	8ms—16ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	cut load
7	Resistance	Protection circuitry	≤20m Ω
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

**P+=B+=Charge+/Discharge+**

**P- =Charge-/Discharge- Size: L65\*W10\*T2.5mm**

