

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

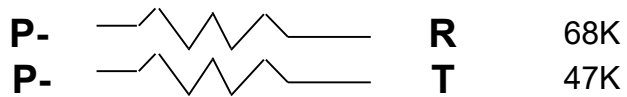
Model: PCB-S1A2-R3.0

No.	Test item (Ta = 25°C)		Criterion
1	Voltage	Charging voltage	DC:4.2V CC/CV
2	Current	Current consumption	≤ 10 μA
		Maximal continuous charge/discharging current	2A
3	Over charge Protection	Over charge detection voltage	4.280V±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.080V±0.05V
4	Over discharge protection	Over discharge detection voltage	3.0 V±0.1V
		Over discharge detection delay time	40—100mS
		Over discharge release voltage	3.0 V±0.1V
5	Over current protection	Over current detection voltage	0.08 V±0.25V
		Over current detection current	3±0.5A
		Detection delay time	5ms—15ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-600us
		Release condition	Cut load
7	Resistance	Protection circuitry	≤ 50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

IC: S-8261ABJMD-G3JT2x (ABLIC)

L29×W4.5×T3mm

MOSFET: AO8810/PE8810



P+,P- = Charge+/-,Discharge+/-



P- T R P+

