

Protection Circuit Module Specifications For 7.4V Li-ion Battery Pack

Model:PCM-Li02S8-021

Features:

- Apply for 2 cells Li-ion /Li-polymer battery pack protection.
- Internally Trimmed Charge and Discharge Voltage Limits.
- Discharge Current Limit Detection.
- Low Current Standby Mode When Cells are Discharged.
- High Quality and High Yield:100% Tested before Shipment.

Electric performance :

NO.	Items	Min	Typ	Max	Unit
1	Overcharge detection voltage for single cell	4.325	4.35	4.375	V
2	Overcharge release voltage for single cell	4.1	4.15	4.2	V
3	Overcharge detection delay time	0.55	1	2.06	s
4	Overdischarge detection voltage for single cell	2.22	2.3	2.38	V
5	Overdischarge release voltage for single cell	2.9	3	3.1	V
6	Overdischarge detection delay time	67	100	141	ms
7	Operating current			8	A
8	Overcurrent detection protection			15.5	A
9	Short circuit protection	Exterior short circuit			
10	Protection circuitry resistance		30	50	m Ω
11	Supply current		7.5	15	uA
12	Operating Temperature Range	- 40		+85	°C
13	Storage Temperature Range	- 40		+125	°C

Port design :

