

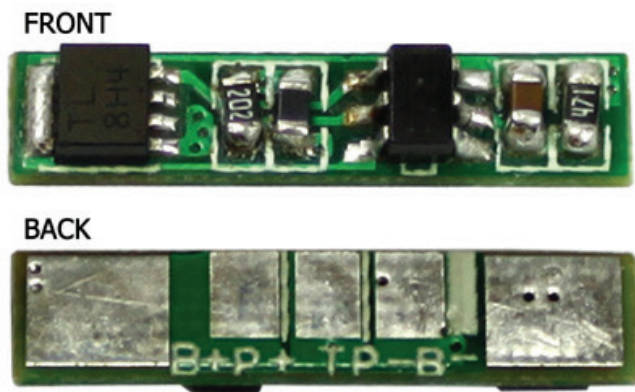


PCM for 3.6/3.7V Li-Ion Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	4.2VDC
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low current consumption for single cell	≤10μA
		Maximal continuous discharging current	2.5A
3	Over Charge Protection	Over charge detection voltage	4.325V±0.025V
		Over charge detection delay time	0.96S—1.4S
		Over charge release voltage	4.075V±0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.50V±0.05V
		Over discharge detection delay time	115—173ms
		Over discharge release voltage	2.9±0.05V
5	Over Current Protection	Over current detection voltage	0.15 ±0.015V
		Over current detection current	3.5±0.5A
		Detection delay time	8ms - 16ms
		Release condition	Exterior short circuit
6	Short Protection	Detection condition	Cut load
		Detection delay time	200-500μs
		Release condition	Exterior short circuit
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 15.0mm x W 3.5mm x T 2.5mm	

IMAGE



CONNECTION DIAGRAM

