

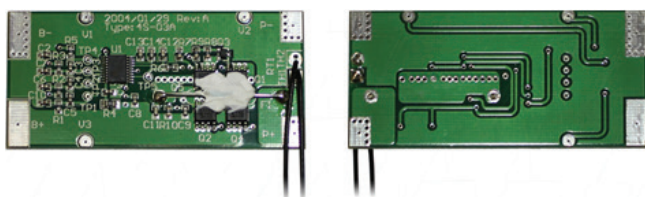


## PCM for 14.4/14.8V Lilon Battery Pack

### SPECIFICATIONS

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	None
2	Current	Balance current for single cell	None
		Low Current consumption for single cell	<27 $\mu$ A
		Maximal continuous Discharging current	<7A
3	Over Charge Protection	Over charge detection voltage	4.35V $\pm$ 0.025V
		Over charge detection delay time	1S
		Over charge release voltage	4.25V $\pm$ 0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.30V $\pm$ 0.10V
		Over discharge detection delay time	1S
		Over discharge release voltage	3.00 $\pm$ 0.15V
5	Over Current Protection	Over current detection voltage	150mV
		Over current detection current	<7.5A
		Detection delay time	5ms—15ms
		Release condition	Open Loop
6	Short Protection	Detection condition	<18.2A
		Detection delay time	5-10ms
		Release condition	Open Loop
7	Resistance	Protection circuitry	$\leq$ 25 m $\Omega$
8	Temperature	Operating Temperature Range	-20 ~ +70 $^{\circ}$ C
		Storage Temperature Range	-45 ~ +85 $^{\circ}$ C
9	Dimensions	L 68.0mm x W 32.0mm x T 6.0mm	

### LAYOUT DIAGRAM



### CONNECTION DIAGRAM

