



PCM for 3.6/3.7V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:4.20V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Power consumption: operating	3.0~5.5μA
		Power consumption: shut down	0.2μA
		Maximal continuous discharging current	3A
		Maximal continuous charging current	2A
3	Over Charge Protection	Over charge detection voltage	4.2V±0.025V
		Over charge detection delay time	1.2S
		Over charge release voltage	4.10V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.80V±0.05V
		Over discharge detection delay time	150mS
		Over discharge release voltage	2.9±0.1V
5	Over Charge Current Protection	Over charge current detection	2A±0.8A
		Over charge current delay time	9mS
		Over charge current release condition	Open Loop
6	Over Discharge Current Protection	Over discharge current detection	3A±0.5A
		Over discharge current delay time	9mS
		Over discharge current release condition	Open Loop
7	Short Protection	Detection condition	10A±4A
		Detection delay time	Typ: 300μs, Max: 360μs
		Release condition	Open Loop
8	Protection IC	S-8211CAN-16T1U	
9	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+85°C
10	Dimensions	16.4mm x 16.9mm x 0.8mm	





ENEPOWER

MIPCM-R18-1S3A-LI-01

Protection Circuit Module (PCM)

Lilon

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IMAGE

