

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

Model: PCM-L02S20-C04 (LI-2S)

No.	Test item (Ta=25°C)		Criterion
1	Voltage	Charging voltage	DC:8.4V CC/CV
2	Current	Current consumption	$\leq 20 \mu A$
		Maximal continuous Charging current	18A
		Maximal continuous discharging current	18A
3	Over charge Protection	Over charge detection voltage	4.25V \pm 0.05V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.05 \pm 0.1V
4	Over discharge protection	Over discharge detection voltage	2.40V \pm 0.1V
		Over discharge detection delay time	10ms—200ms
		Over discharge release voltage	3.0 \pm 0.1V
5	Over current protection	Over current detection voltage	0.200 V \pm 20 mV
		Over current detection current	90 \pm 20A
		Detection delay time	5ms—60ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load
7	Resistance	Protection circuitry	$\leq 20m \Omega$
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

IC: R5460N208AAF

MOSFET: AO6504

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

Size:L60*W26*T2.5mm

