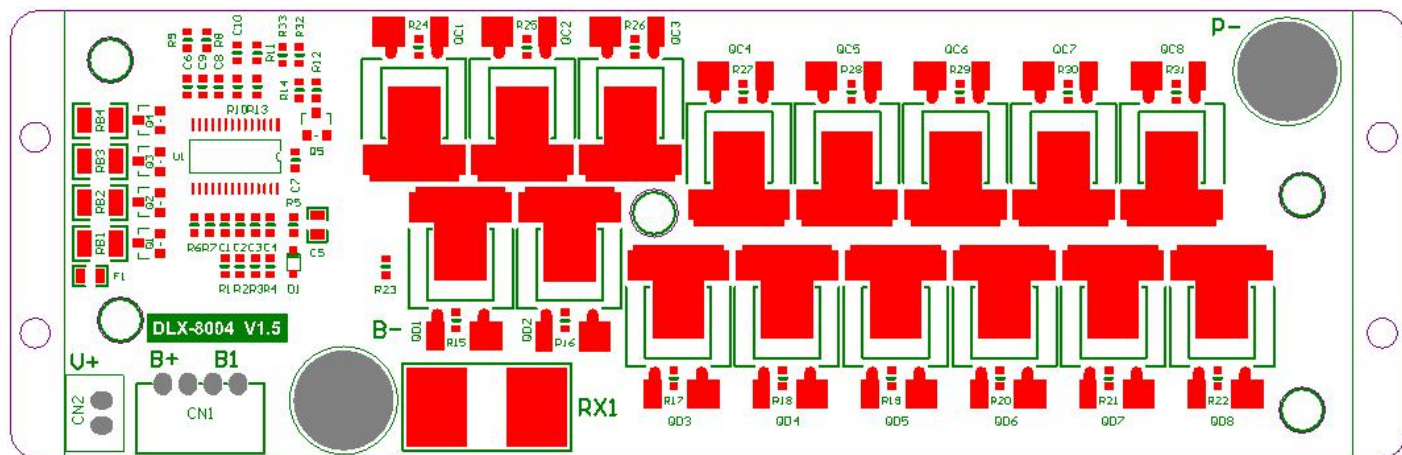


1. 测试参数 Test parameters			
No	Item	Condition	Specification
1	电压/ Voltage	充电电压/Charge voltage	14.6V
2	过充电 Overcharge	保护电压/Detection voltage	3.850V±0.05V
3		恢复电压/ Release voltage	3.500V±0.1V
4		保护延迟时间/ Detection delay time	1.0s±0.3s
5	均衡 Cell-balance	均衡检测电压/Cell-balance Detection Voltage	3.55V±0.05V
6		均衡电流/Single-cell balance current	42mA±8mA
7	过放电 Over discharge	保护电压/Detection voltage	2.200V±0.1V
8		恢复电压/ Release voltage	2.500V±0.1V
9		保护延迟时间/ Detection delay time	1.0s±0.3s
10	放电过流 Over discharge current	放电过流保护电流/Over current	150A±30A
11		放电过流保护延时/delay time	Max 50ms
12	短路保护 Short circuit protection	短路保护延时/ Short detection delay time	Max 10ms
13	自耗电 Normal current consumption	工作状态自耗电 Normal current consumption of PCM	Max 50uA
14	建议工作条件 Suggest working conditions	建议最大持续充/放电电流 max continuous charge/discharge current	充电: 60A 放电: 60A
15	内阻/IR resistance	PCM 内阻/ IR of PCM	≤30mΩ
16	NTC	NTC 阻值 (20~30℃)	/
17	PTC	PTC 阻值 (20~30℃)	/
18	温度保护 Temperature protection	充电高温保护/Charging high temperature protection	/
19		充电高温保护解除/ Charging high temperature protection	/
20		放电温保护/ Discharge temperature protection	/
21		放电高温保护解除/ Discharge high temperature protection	/
22	PCB 尺寸 The size of final PCM	长度/ The length of final PCM	L139.5±0.3mm
23		宽度/ The width of final PCM	W45±0.3mm
24		厚度/ The thickness of final PCM	H1.6±0.1mm

2. 贴片图/SMT drawing

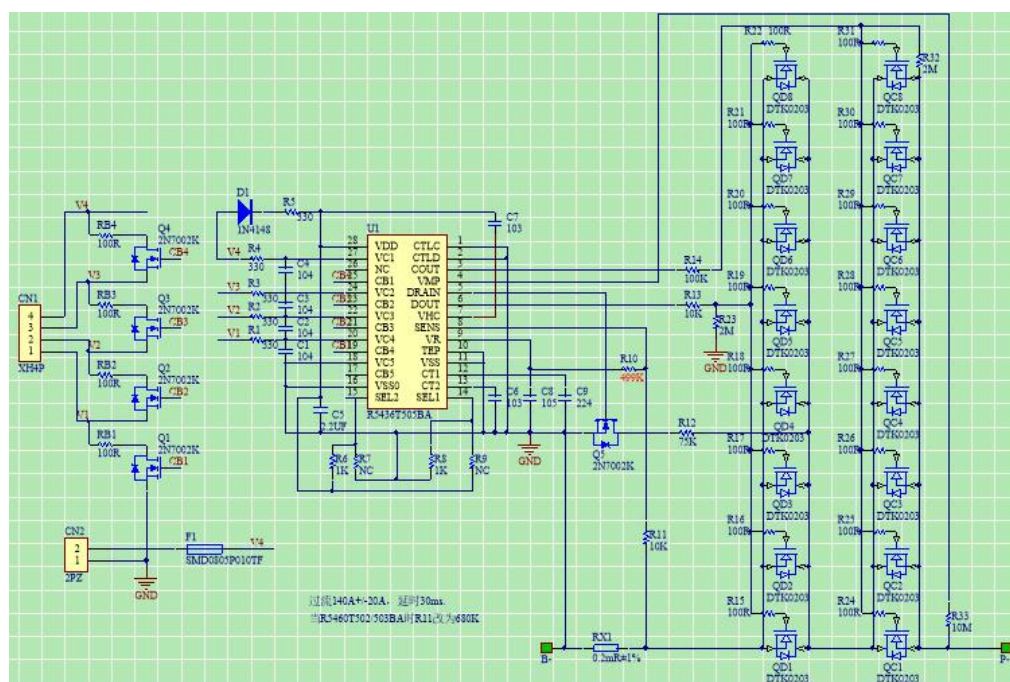


主要元件清单

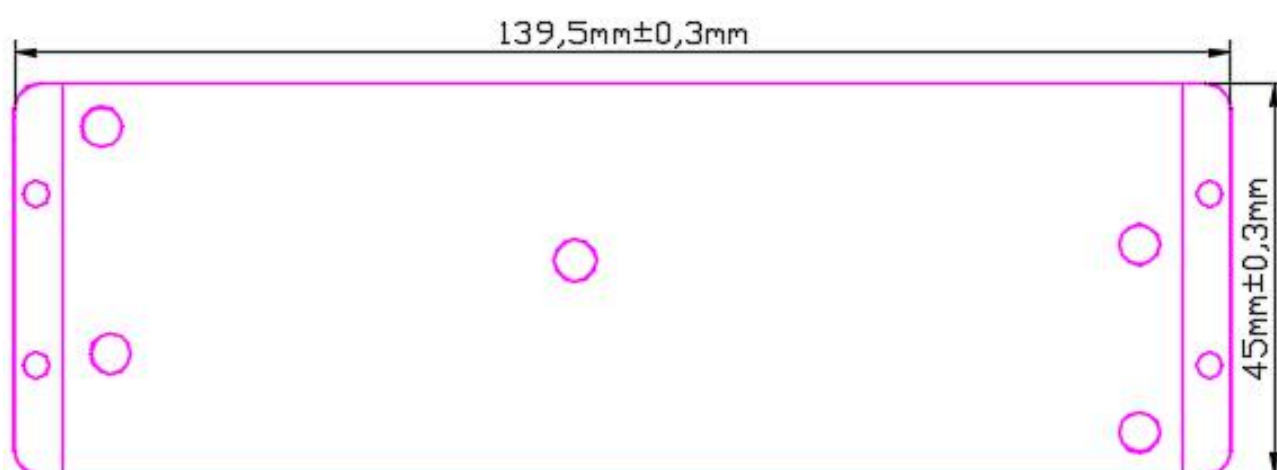
NO	物料编码	描述 Description	器件编号 Location	规格/part No. Specification	单位 Unit	数量 Qty	备注 Remark
1		贴片 IC	U1	R5436T505BB	PCS	1	
2		MOS	QC1-QC8	FNK30H160D/T0-263	PCS	8	
3		MOS	QD1-QD8	FNK30H160D/T0-263	PCS	8	
4		5930-7W 合金电阻	RX1	0. 2mR+/- 1%	PCS	1	
5							
6							
7							
8							
9							
10		PCB		8004-V1.5 FP4 材质 139. 5mm*45mm*1. 6mm	PCS	1	

3. 图纸/Drawing

3.1 原理图

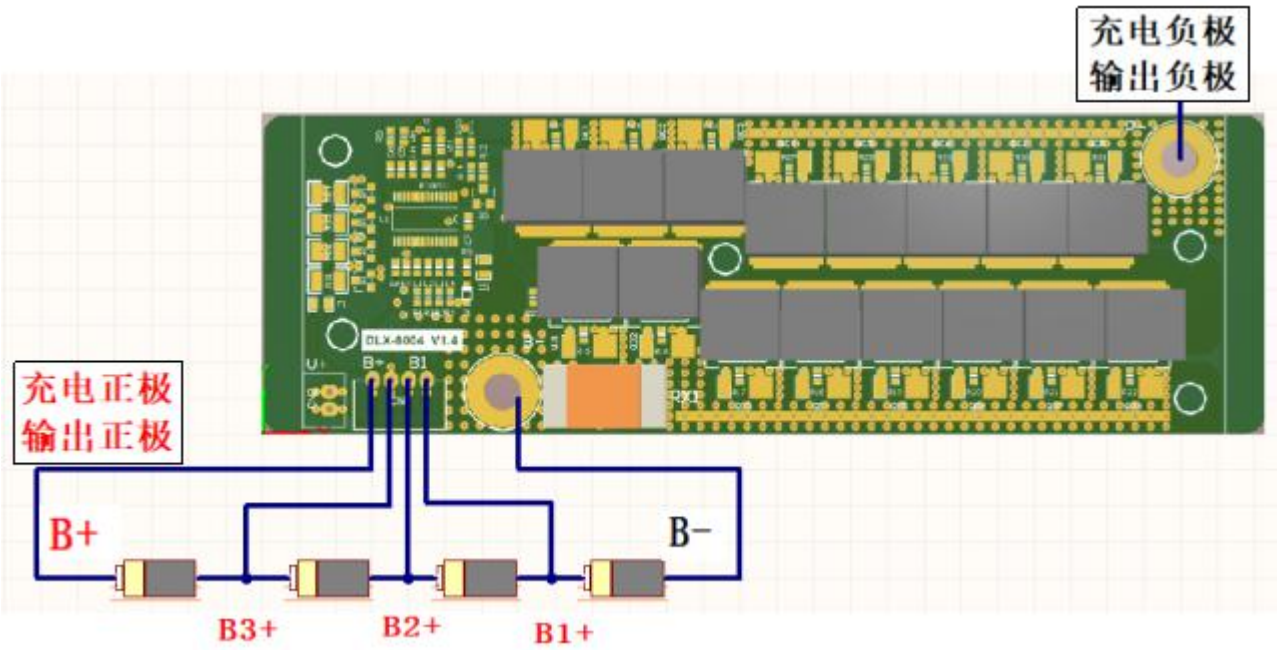


3.2 尺寸图/PCM size



5.1. 实物图片(供参考)

5.2 接线示意图 / CONNECT

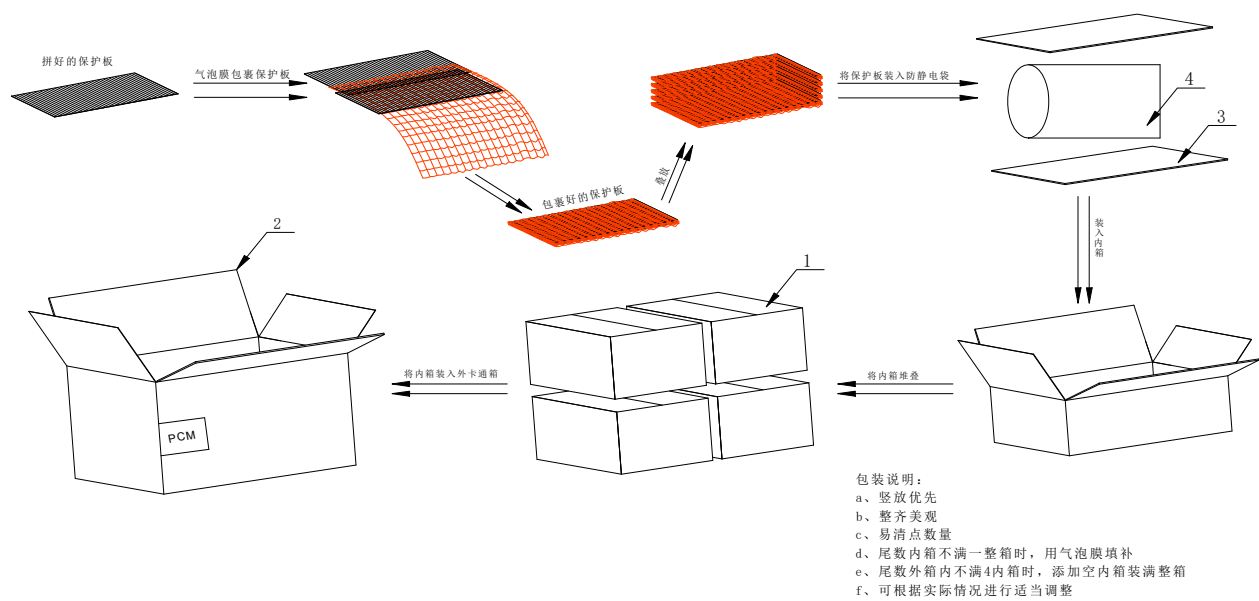


6. 包装、运输指引/ Packing and shipping guide Packing

6.1 包装 Packing

将拼板用气泡膜包好，放入防静电袋中，上下各放一层隔板，再放入小箱中，四小箱装入一大箱中。

Product packed by ESD Air bubble film,put into ESD packer,insert 2 piece of clapboard, and then put into small box and one big box contain 4 small boxes



6.2 运输

Shipping

用快递或派专人送货到对方仓库。

Delivery to your storehouse by express or our deliveryman.

运输过程中，应注意防潮、防湿，避免挤压、碰撞等，以免保护板变形。

Please avoid moisture , humidity, extrusion、hitting so as to prevent PCM damaged during shipping.