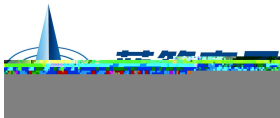


/ Revised record

[illegible]



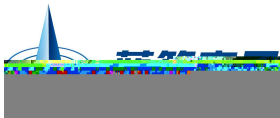
/ Descriptions

BRCL3230SE / BRCL3230SE
MOSFET
BRCL3230SE ESOP-8
BRCL3230SE

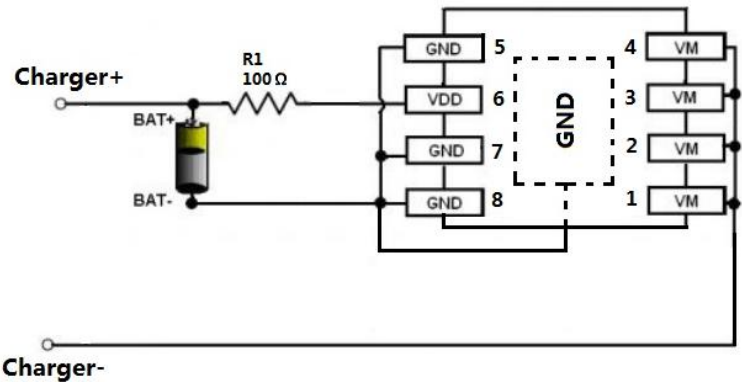
/ Features

- ◆ 23mΩ MOSFET
- ◆ ESOP-8
- ◆
- ◆
- ◆
- ◆ 2 1 2
- ◆
- ◆ 0V
- ◆ 6uA , 3uA ;
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆ ;
- ◆
- ◆
- ◆
- ◆

/ Applications



/ Typical Application



(1)

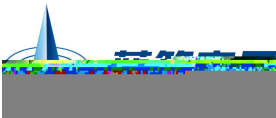
(2)

:

/ Pinning

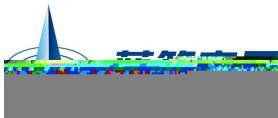
1 2 3 4		GND
5 7 8		
6		
9		

/ Marking



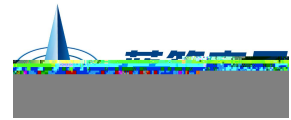
Power Dissipation			
			°C

--	--	--	--	--	--	--



Equivalent FET on Resistance						
Over temperature protection						





/ Functional Description

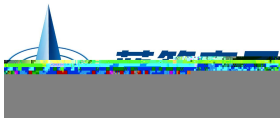
BRCL3230SE

MOSFET

23mΩ

Diagram illustrating the connections for the BRCL3230SE device, showing various input and output pins and their associated components:

- Inputs:** TDL, FET, IPDN, VM, VDD, RVMD, VCHA, VDR.
- Outputs:** VDL, VM, VCHA, VDR.
- Internal Components:** BRCL3230SE, FET, VM, VDD, RVMD, VCHA, VDR.



/ Overcurrent Condition

1
VM GND
1

2
VDD
RVMS

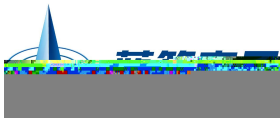
,BRCL3230SE

VM
FET

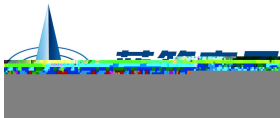
,VM GND RVMS

VM

VM

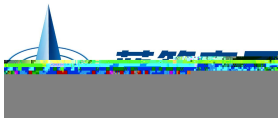


0V / 0V Battery Charging Function											
0V											
VDL IC											
(1)											
			"	0V	"	"	0V	"			
(2)	"	0V	"	"	"	"	,	"	0V	"	
	IC							VDL			
(3)											
	VM	GND	VM	GND							



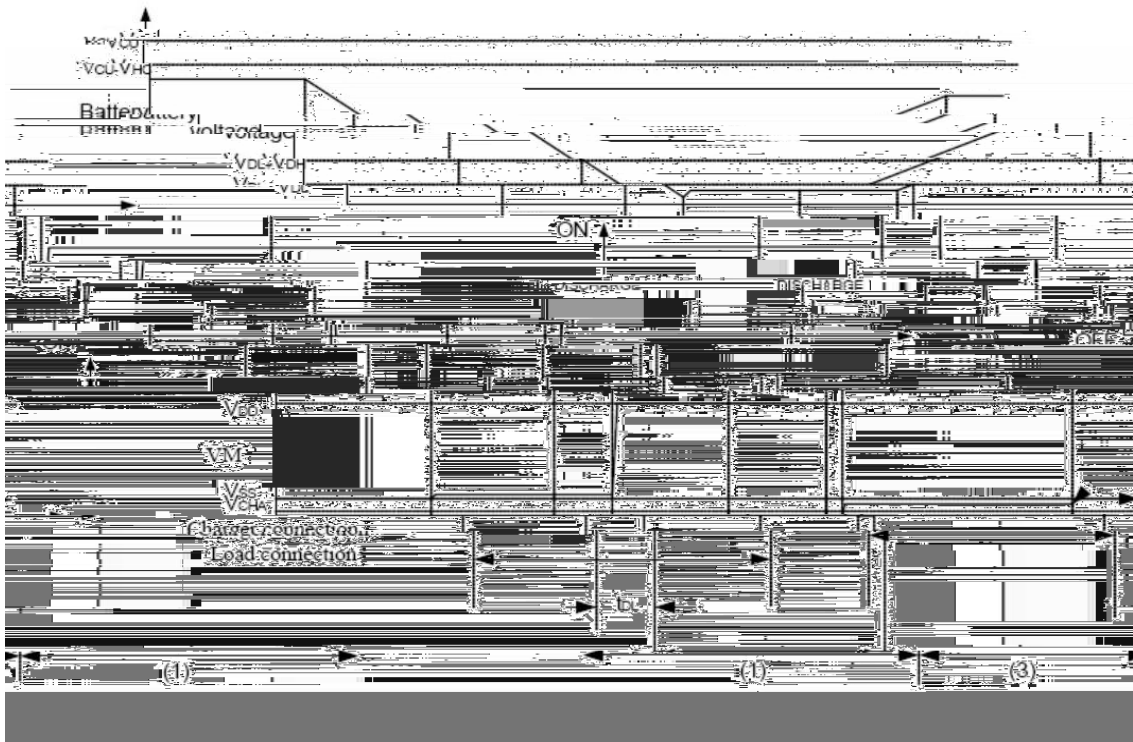
/ Timing Chart

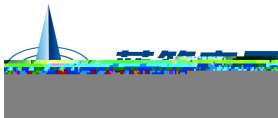
/Overcharge And Overdischarge Detection



/ Timing Chart

/Charger Detection

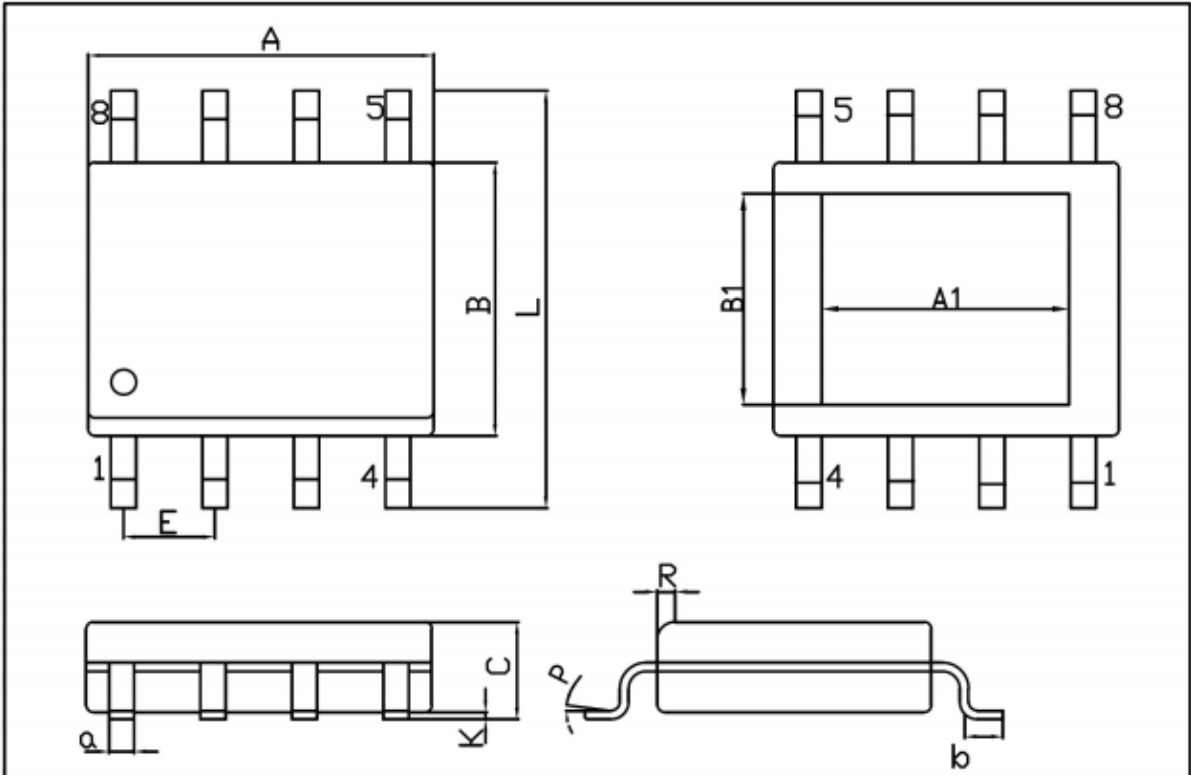




/ Package Dimensions

ESOP-8

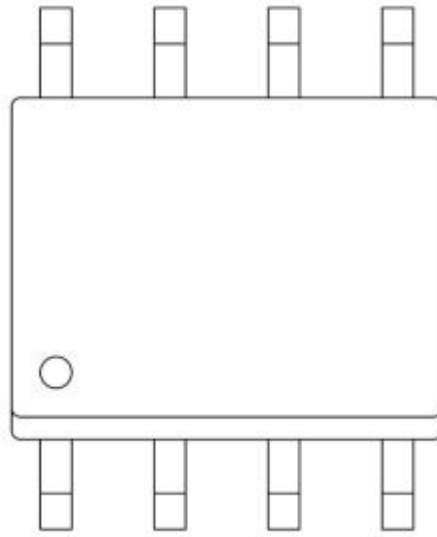
Unit:mm



Symbol	Dimensions in millimeters	
	Min	Max
C	1.35	1.75
a	0.35	0.49
R	0.30	0.60
P	0°	7°
b	0.40	1.25
B1	2.2	2.6

Symbol	Dimensions in millimeters	
	Min	Max
A	4.70	5.40
B	3.70	4.10
L	6.00	6.40
E	1.27BSC	
K	0.02	0.10
A1	3.1	3.5

/ Marking Instructions

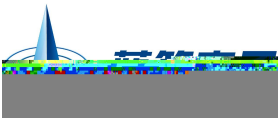


说明：

BR: 为公司代码

3230： 为产品型号

****： 为生产批号代码，随生产批号变化。



() / Temperature Profile for IR Reflow Soldering(Pb-Free)

±

°C

±

°C

±

°C

±

°C

/ Resistance to Soldering Heat Test Conditions

±

°C

±

°C

±

°C

±

°C

/ Packaging SPEC.

封装形式	包装数量					包装尺寸		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱