

/ Descriptions

BRCL3230DZN / BRCL3230DZN

MOSFET

BRCL3230DZN DFN1×1-4L

BRCL3230DZN

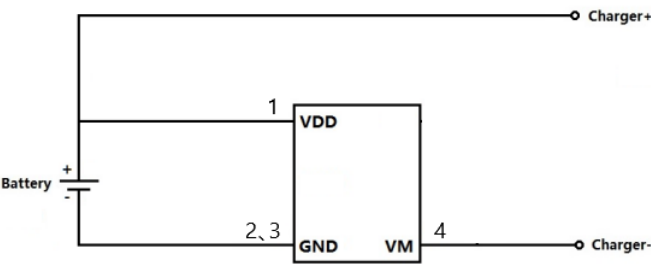
x

/ Features

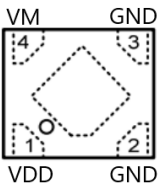
- ◆ 60mΩ MOSFET
- ◆ RC
- ◆ DFN1×1-4L
- ◆ 0V
- ◆ 2.5uA <0.1uA;
- ◆ Ω
- ◆ ×
- ◆
- ◆ μ
- ◆
- ◆

/ Applications

/ Typical Application



/ Pinning



Pin Number	Pin Name	Pin Description
1		
2 3		
4		

/ Marking

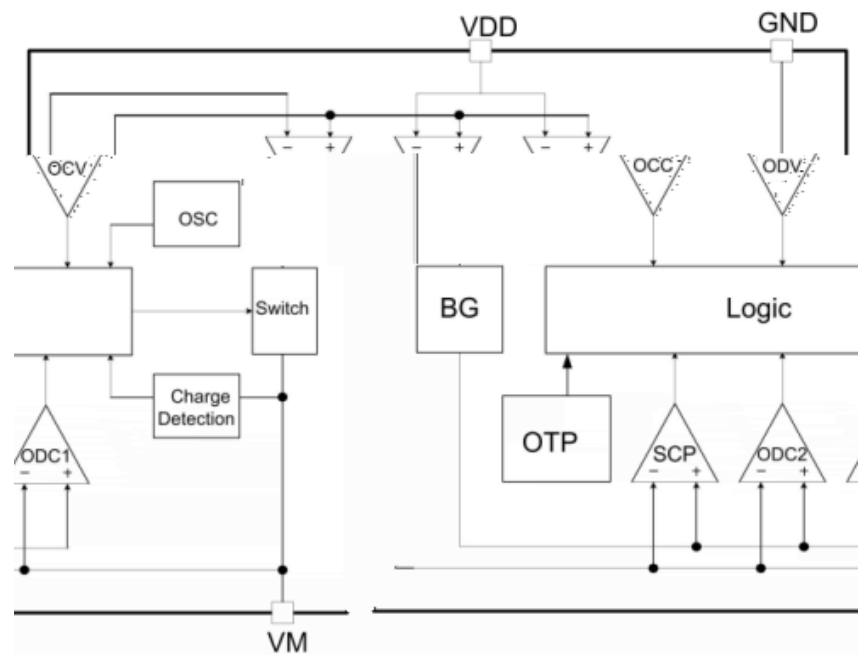
/ Absolute Maximum Ratings(Ta=25)

			℃
			℃
	θ		℃

/ Electrical Characteristics(Ta=25)

						μ
						μ
						Ω
						℃
						℃

/ Functional Block Diagram



/ Functional Description

BRCL3230DZN

MOSFET

60mA

Ω

/ Normal Operating mode

Ω

/ Overdischarge Condition

TDL
BRCL3230DZN
FET VM
IPDN
RVMD
VDR
VDD
VMD
VCHA

/ Overcurrent Condition

BRCL3230DZN
FET
VM
GND
RVMS
VDD
VMD
VCHA

/ Abnormal Charge Current Detection

VM		I _{locc}		
BRCL3230DZN	FET			
VM GND		(VCHA)	0V	0V

/ Load Short-circuiting Condition

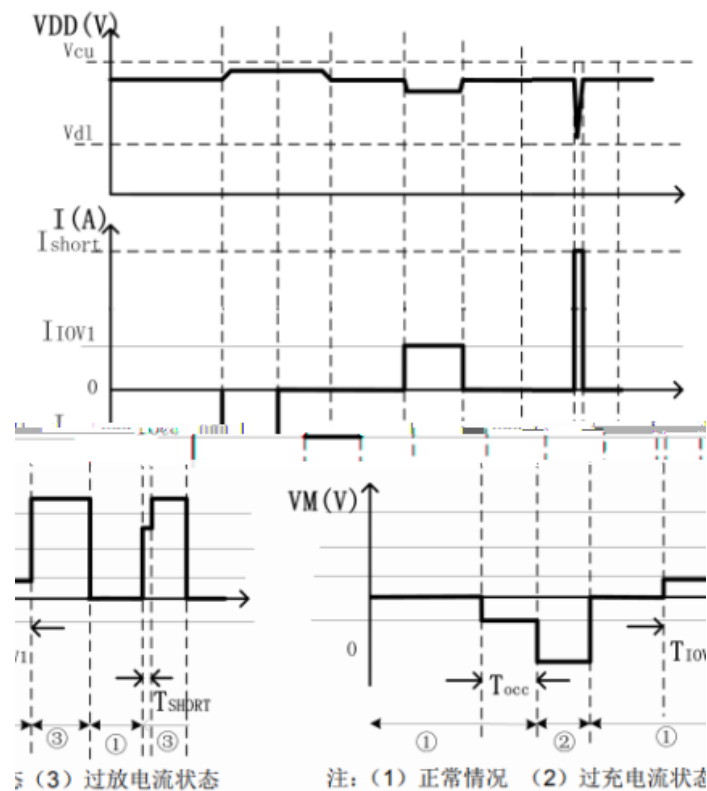
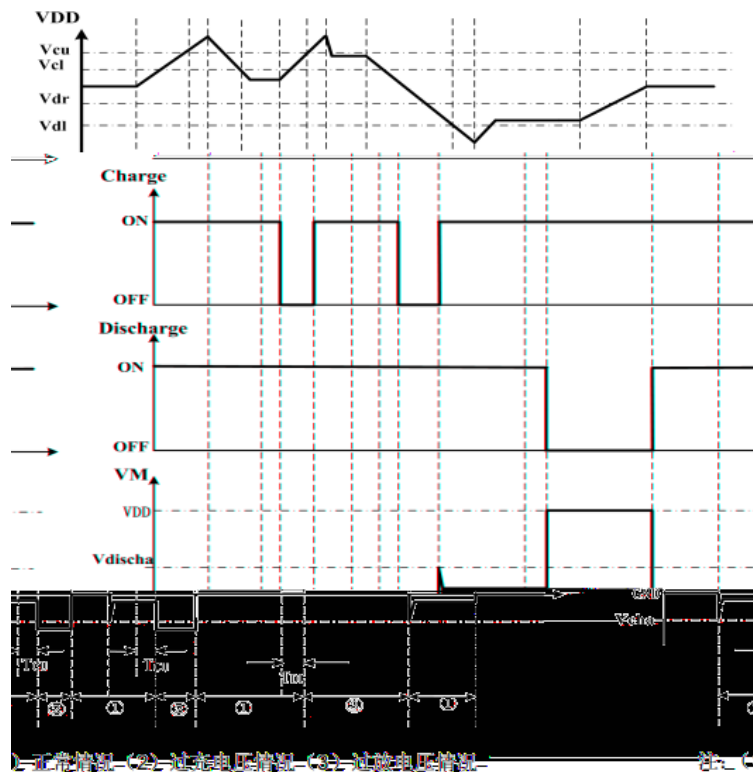
VM	VSHORT		tSHORT
BRCL3230DZN	VM	VSHORT	

0V / 0V Battery Charging Function

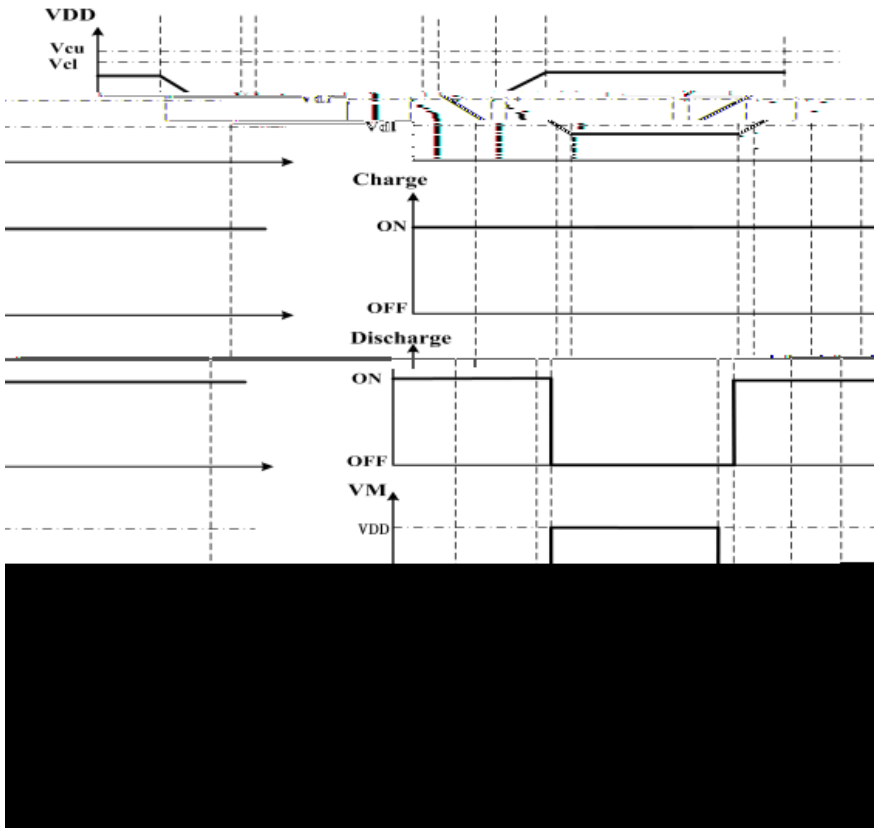
		0V	VDL	IC				
(1)		“	“	”	“	”	“	”
(2)	“	0V	“	0V	“	0V	“	0V
	IC		“	”	“	VDL	“	”
(3)	VM	GND	VM	GND				

battery and
condition

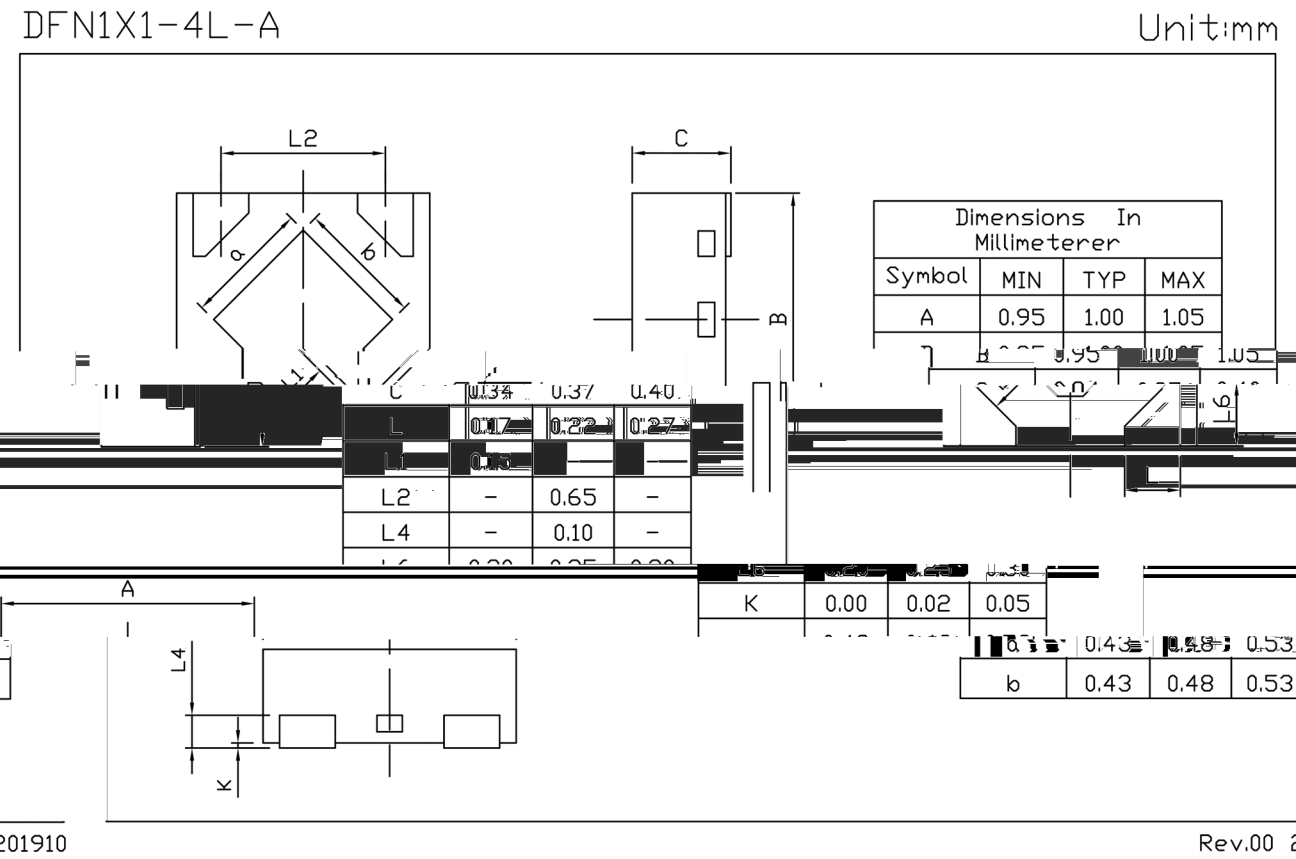
/ Timing Chart



/ Timing Chart



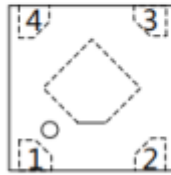
/ Package Dimensions



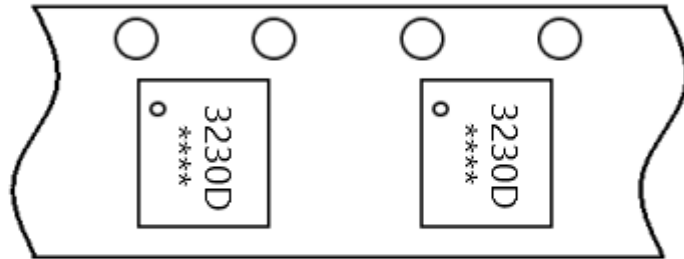
/ Marking Instructions



正面俯视图



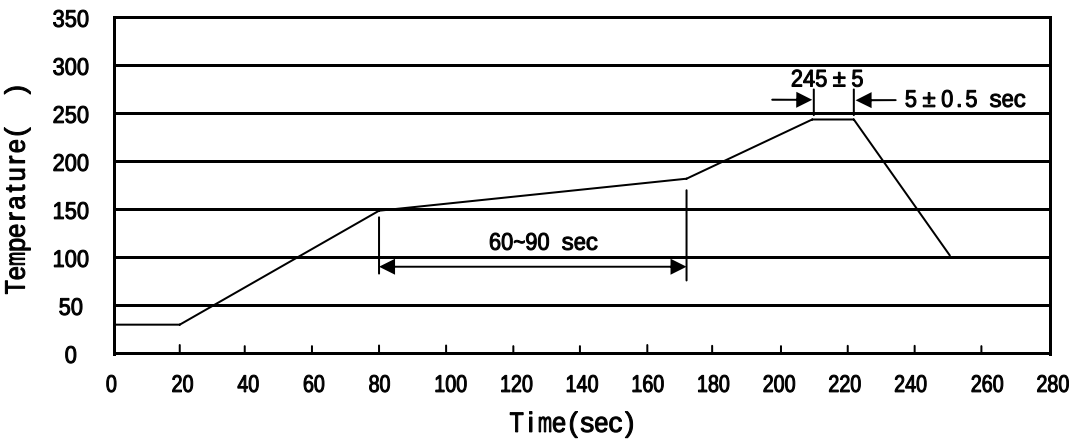
正面透视图



编带示意图

3230D

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ Packaging SPEC.

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
DFN1×1-4L/6L	10,000	10	100,000	4	400,000	7 × 8	210×205×205	445×230×435

/ Notices