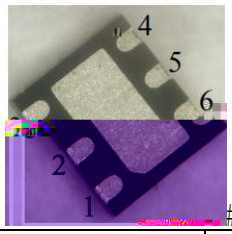
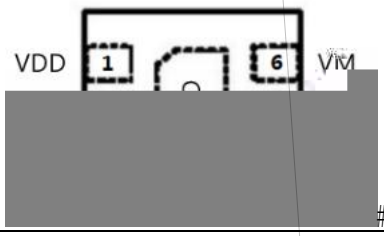
版本	修　日期	有修　的页码	修　涉　的内容	拟制	核
A	2020-9-30				

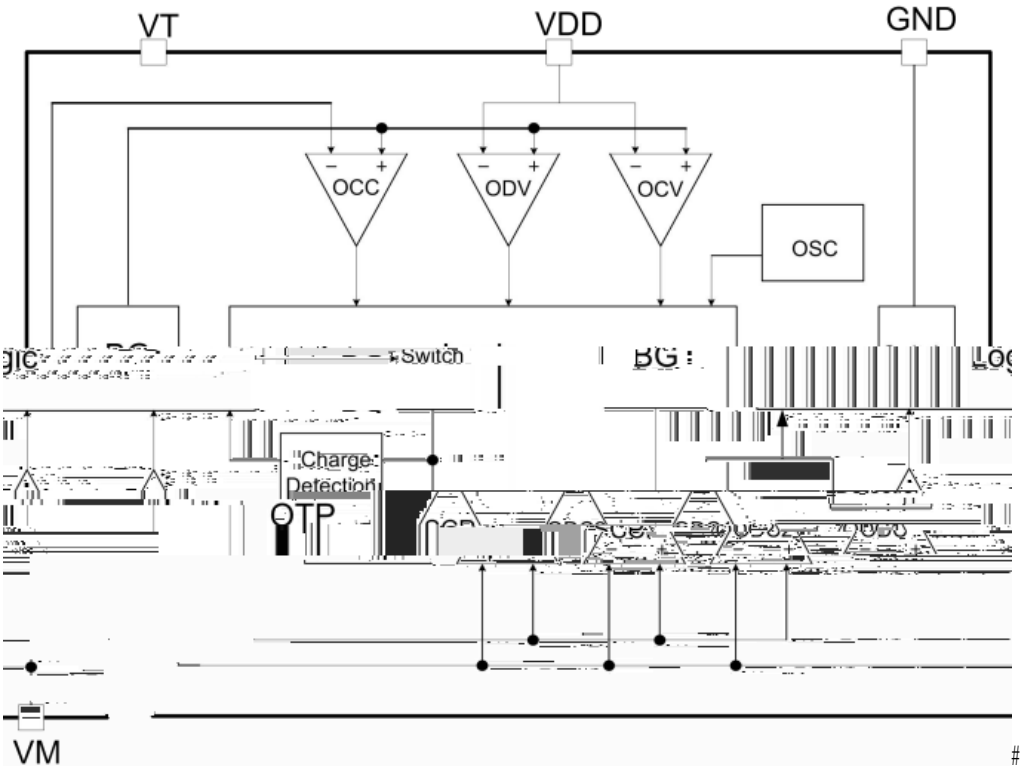




Pin Number	Pin Name	Pin Description
1	ZJJ#	R3- 1#$@%%DE#
2 7	^KJ	^13@C?I#23CC 2*#*) #C BA*> #* 14>CAD#3.#*) #0A** 1E#*3#*)>/#%>C!#
3	Z6#	QC* 1CAD#* /*#%>C!#

,RA1A4 * 1#	,$E403D#	,6 /*# 83C?›*›3C#	,F›C#	,6E%#	,FAN#	,YC›*#
A1B #J * 2*›3C#Z3D*AB #	Z_{8Y}#	#	S!'T#	S!:(#	S!:T#	Z#
)A1B # D A/ #Z3D*AB #	Z_{89}#	#	S!(T#	S!;(#	S!;T#	Z#
›/2)A1B #J * 2*›3C#Z3D*AB #	Z_{J9}#	#	'!e'#	'!b(#	'!bb#	Z#
›/2)A1B # D A/ #Z3D*AB #	Z_{J} #	#	'!`'#	:!((#	:!(b#	Z#
1#J * 2*›3C#Z3D*AB	$Z_{8[}$"#	#	&(!:#	&(!S#	&(!T#	Z#
2)A1B #8@11 C*#J * 2*›3C#	$Q_{0}G88$#	$Z_{??}$f:!LZ#	(!:#	(!e#	;#	"#
?›/2)A1B #8@11 C*;#J * 2*›3C#	$Q_{0}GZ;$#	$Z_{??}$f:!LZ#	(!:#	(!e#	;#	"#
C*'#J * 2*›3C#	$Q_{0}GZ'$#	$Z_{??}$f:!LZ#	:#	S!T#	L#	"#

/ Functionl Block Diagram



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/ Functional Description

BRCL3130CZF

MOSFET

45mΩ

6) #7 89:;:(8<=#43C>*31/#*) # 3D*AB #AC?#2@11 C*#3.#A#0A** 1E#AC?#%13* 2*/#>*#.134#0 >CB#?A4AB ?#
?@ #*3#3 12)A1B # 3D*AB I#

/ Overcharge Condition

VCU ,

TCU

F

/ Abnormal Charge Current Detection

VM I_{IOCC}
BRCL3130CZF FET
VM GND (VCHA) 0V

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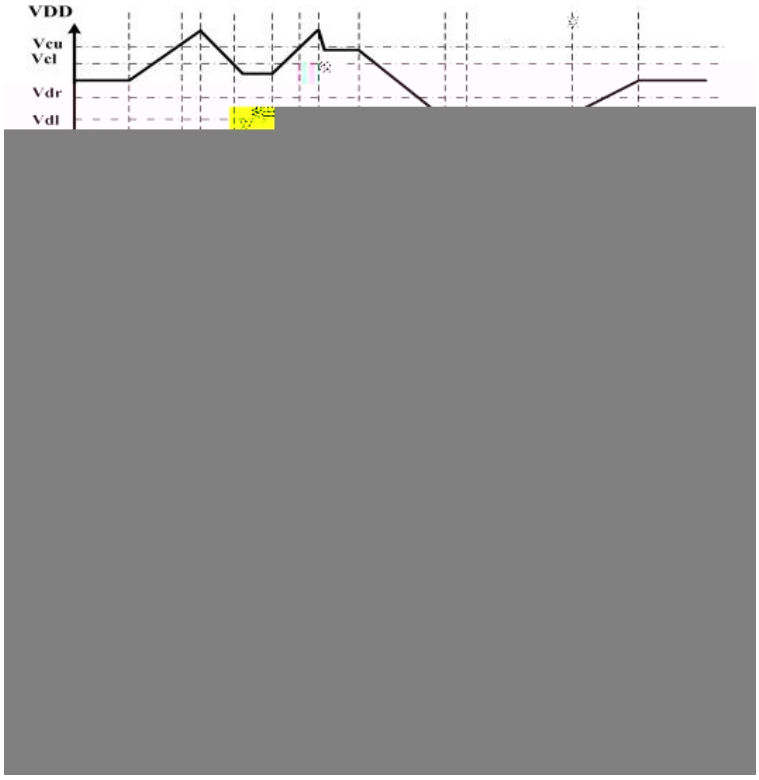
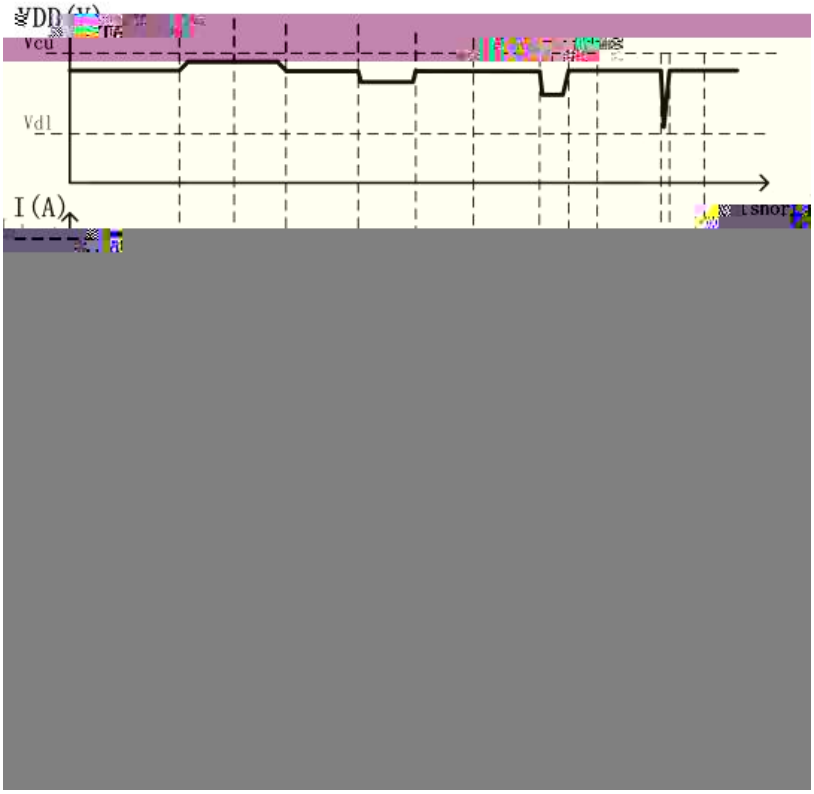
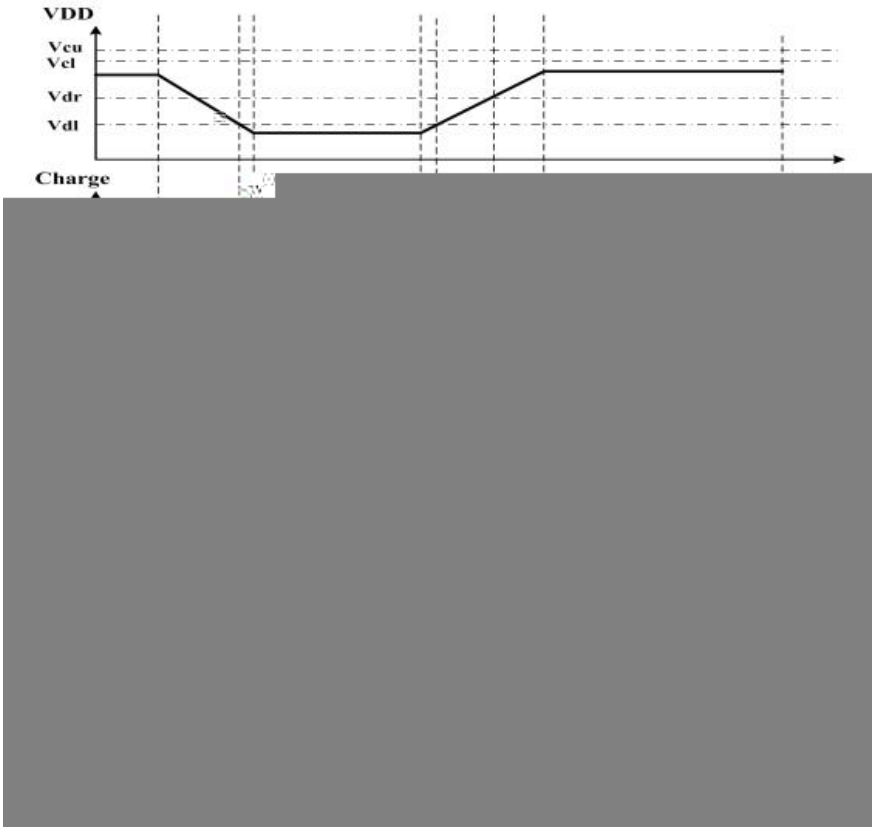
/ Timing Chart





/ Timing Chart



/ Package Dimensions

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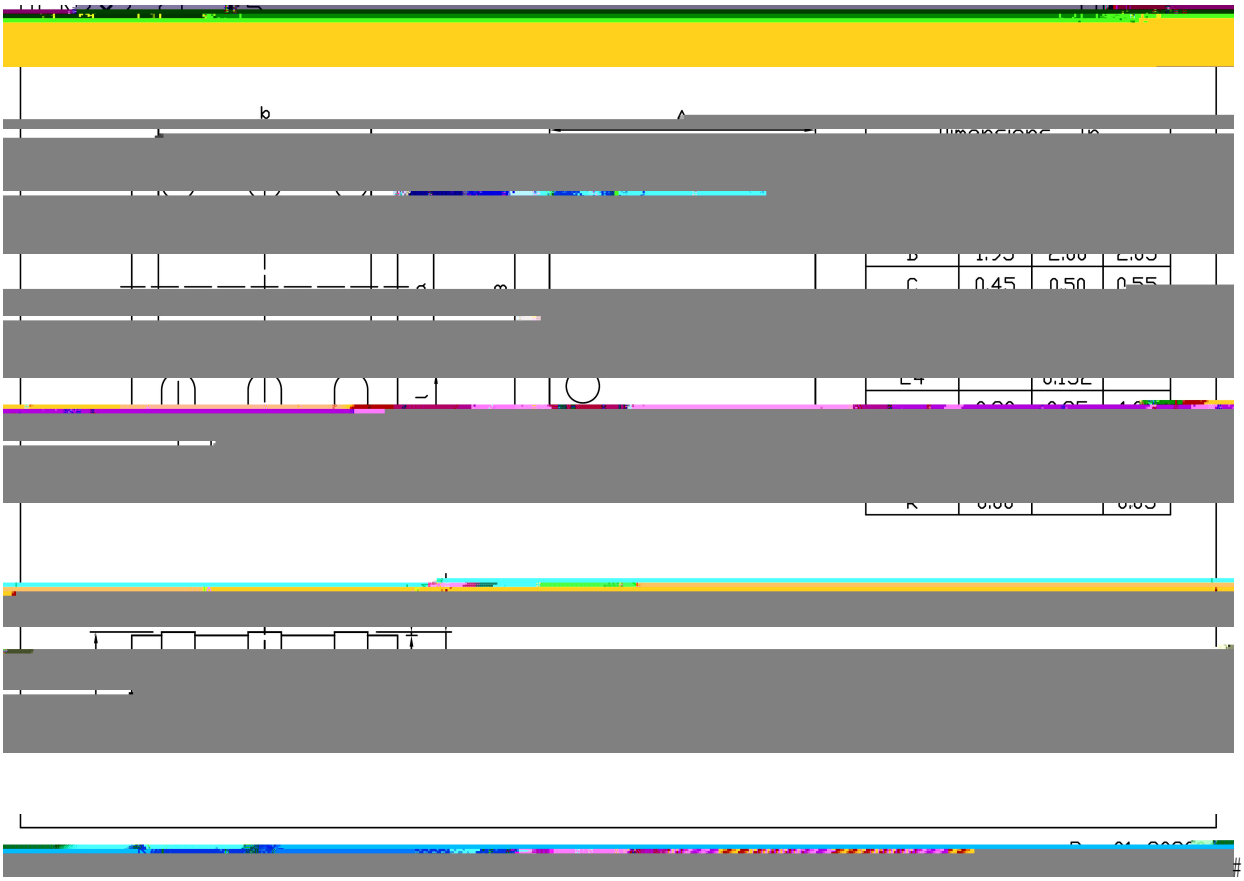

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/ Marking Instructions

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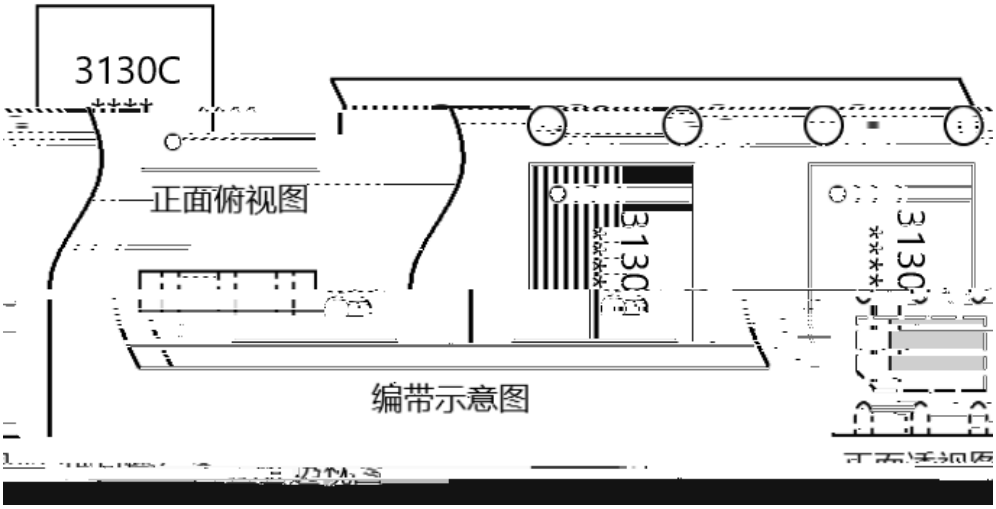

#

#

#

#

3130C

****

K3* +#

:;:(8+# # #R13?@2*#6E% !#

iiii+# # # 93*#K3!#83? I#23? #2)ACB #-›*)#93*#K3!#

#

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