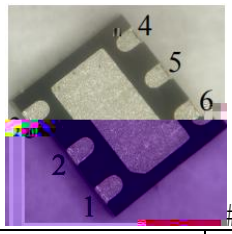
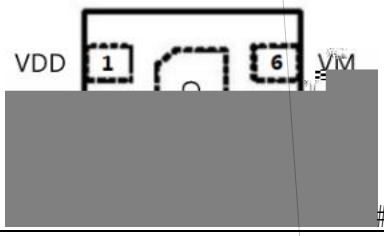
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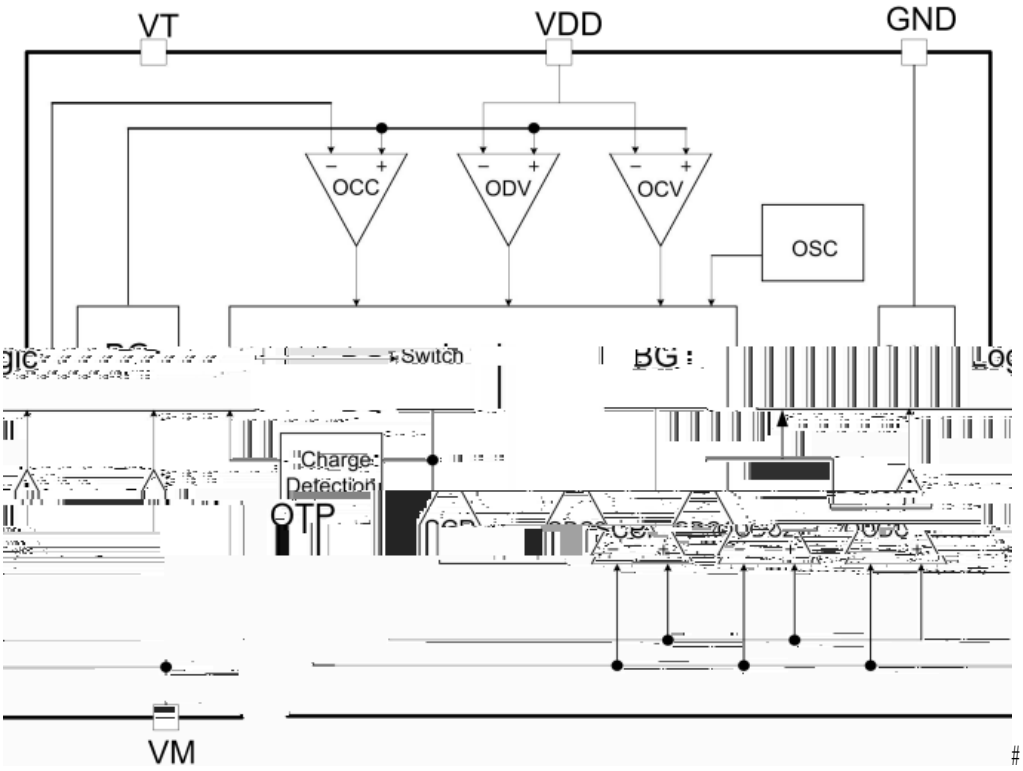
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Pin Number	Pin Name	Pin Description
1	ZJJ#	R3 - 1#$@%%0E#
2 7	^KJ	^13@C?I#23CC 2*#*) #C BA*› #* 14›CA0#3.#*) #0A** 1E#*3#*)›/#%›C!#
3	Z6#	0C* 1CA0#* /*#%›C!#

,RA1A4 * 1#	,$E403D#	,6 /*# 83C?›*›3C#	,F›C##	,6E%#	,FAN#	,YC›*#
G 12)A1B #J * 2*›3C#Z3D*AB #	Z_{8Y}#	#	S!'T#	S!:(#	S!:T#	Z#
G 12)A1B # D A/ #Z3D*AB #	Z_{89}#	#	S!(T#	S!;(#	S!;T#	Z#
G 1?›/2)A1B #J * 2*›3C#Z3D*AB #	Z_{J9}#	#	'!e'#	'!b(#	'!bb#	Z#
G 1?›/2)A1B # D A/ #Z3D*AB #	Z_{J} #	#	'!`'#	:!((#	:!(b#	Z#
8)A1B 1#J * 2*›3C#Z3D*AB	$Z_{8[}$"#	#	&(!:#	&(!S#	&(!T#	Z#
G 12)A1B #8@11 C*#J * 2*›3C#	Q_{0G88}#	$Z_{??}$f:!LZ#	(!:#	(!e#	;#	"#
G 1?›/2)A1B #8@11 C*;#J * 2*›3C#	$Q_{0GZ;}$#	$Z_{??}$f:!LZ#	(!:#	(!e#	;#	"#
G 1?›/2)A1B #8@11 C*'#J * 2*›3C#	$Q_{0GZ'}$#	$Z_{??}$f:!LZ#	#	S!T#	L#	"#

±IG # *n = ‘K n

/ Functionl Block Diagram



#

/ Functional Description

BRCL3130CZF

MOSFET

45mΩ

6) #7 89:;:(8<=#43C›*31/#*) # 3⃞*AB #AC?#2@11 C*#3.#A#0A** 1E#AC?#%13* 2*/#›*#.1334#0 ›CB#?A4AB ?#
?@ #*3#3 12)A1B # 3⃞*AB I#

/ Overcharge Condition

VCU ,

TCU

F

/ Abnormal Charge Current Detection

VM I_{IOCC}

BRCL3130CZF FET

VM GND (VCHA) 0V

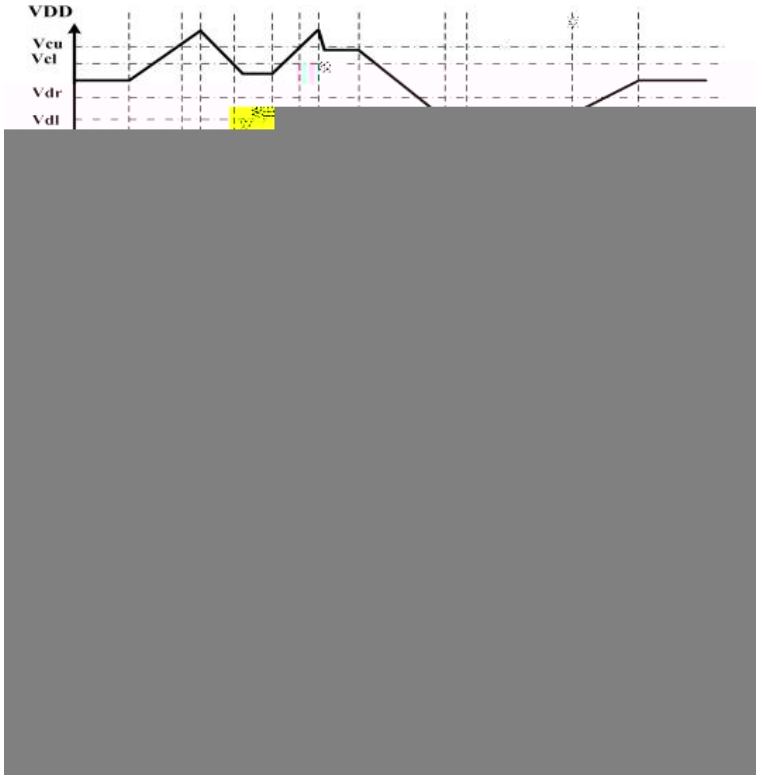
/F40 1 .3477 TD [( ))]TJ ET BT 10.56 0 0 10.56 0 0 Tm /F21 1 Tf 0 0 0 sc7054m 15246500320000160000y

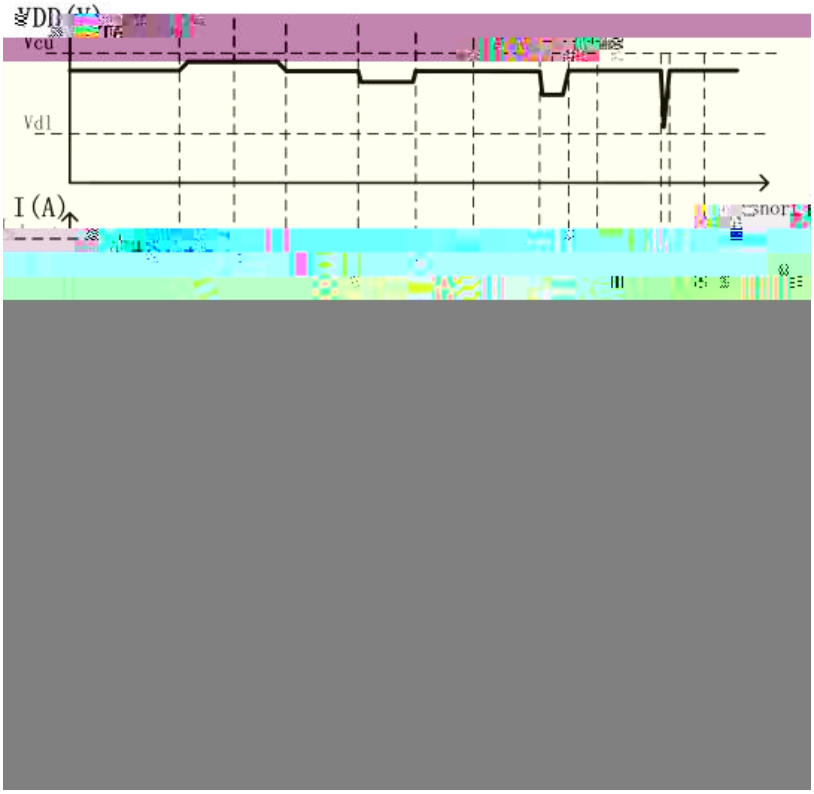
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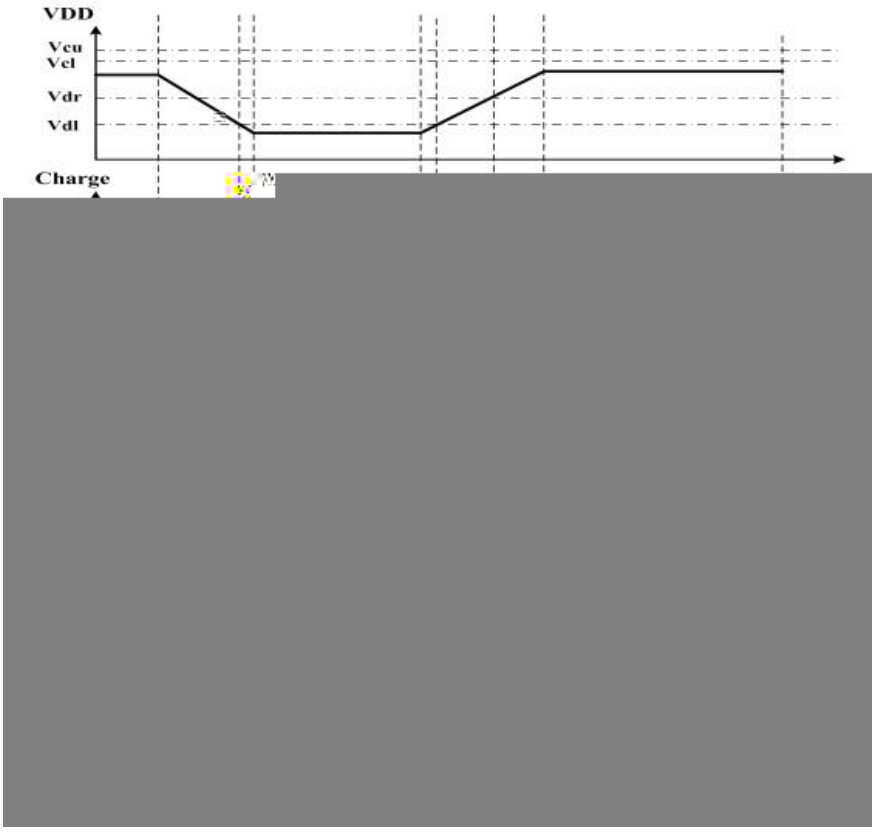
ضخ VM

/ Timing Chart



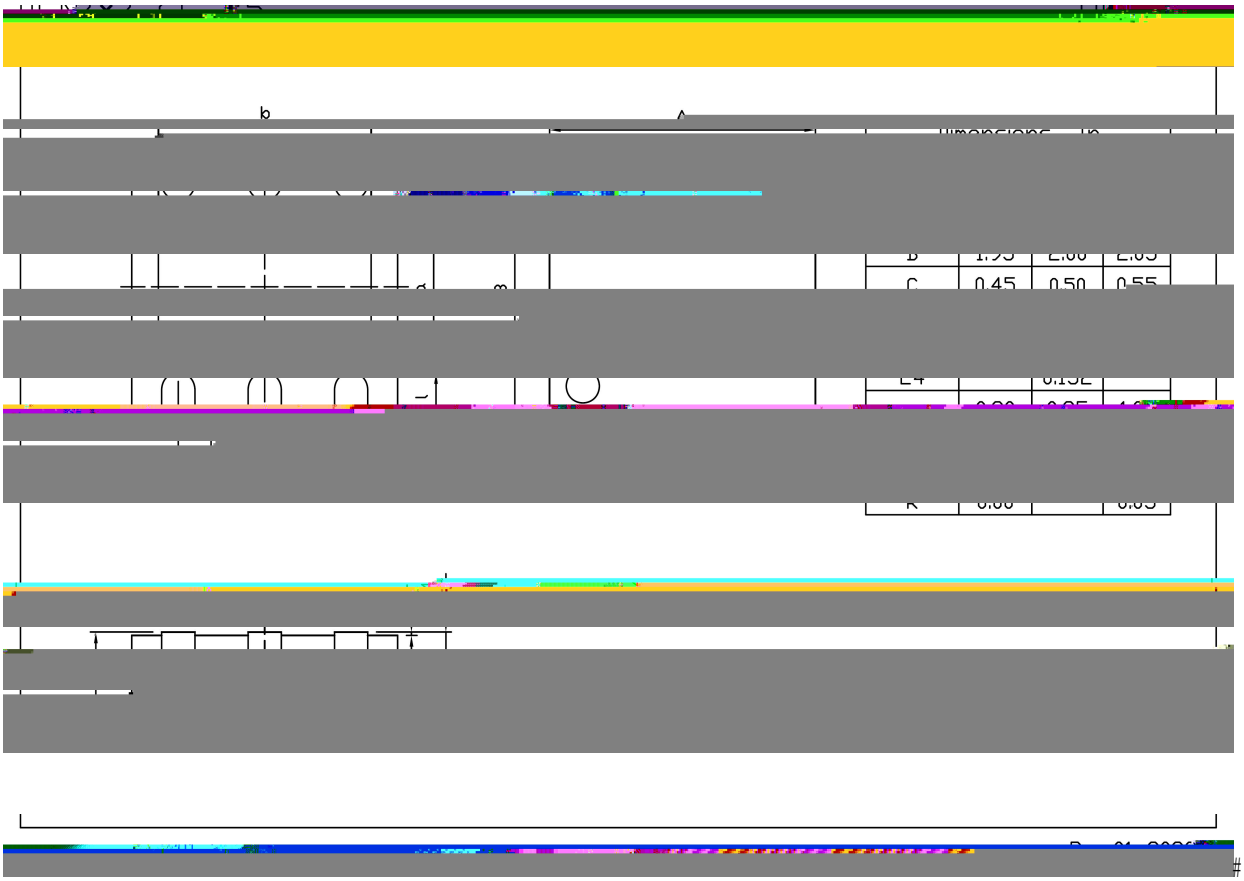


/ Timing Chart



/ Package Dimensions

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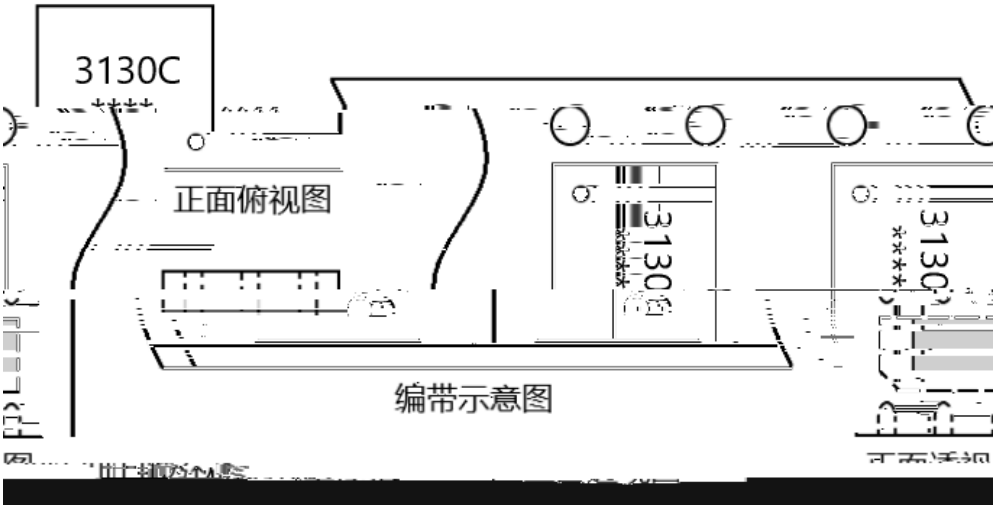
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/ Marking Instructions

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#

#

#

3130C

****

K3* +#

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

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

#

#