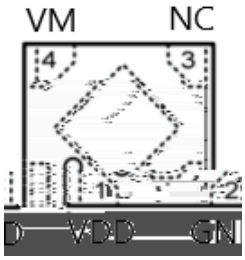
/ Pinning



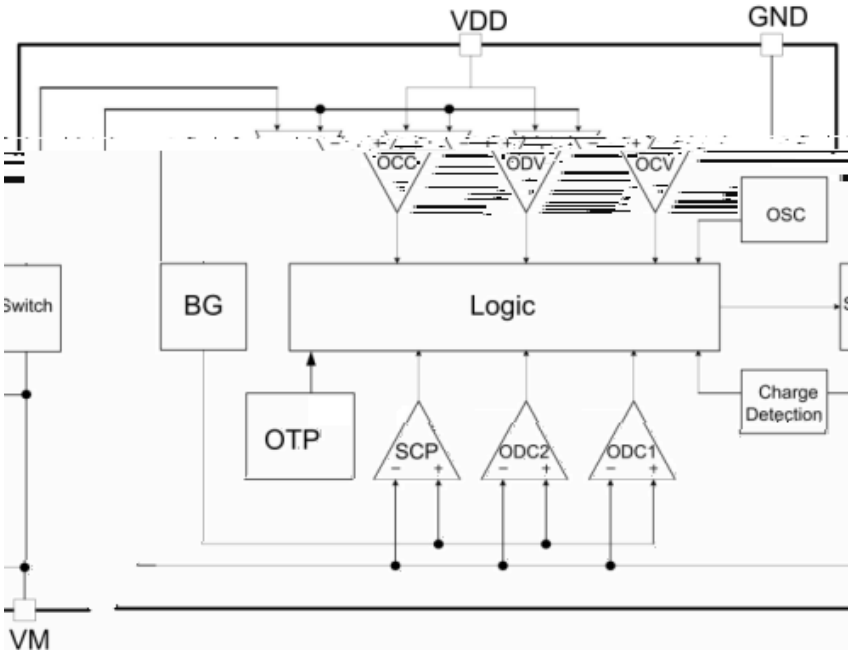
Pin Number	Pin Name	Pin Description
1		
2		
3		
4		

/ Marking

/ Absolute Maximum Ratings(Ta=25)

	θ		

/ Functionl Block Diagram



/ Functional Description

BRCL3130ZN

BRCL3130ZN

/ Abnormal Charge Current Detection

VM I_{IOCC}
BRCL3130ZN FET
VM GND (VCHA) 0V
0V

/ Load Short-circuiting Condition

VM VSHORT tSHORT
BRCL3130ZN VM VSHORT

0V / 0V Battery Charging Function

0V
VDL IC
(1)
“ 0V ” “ 0V ”
(2) “ 0V ” “ ” , “ 0V ”
IC VDL

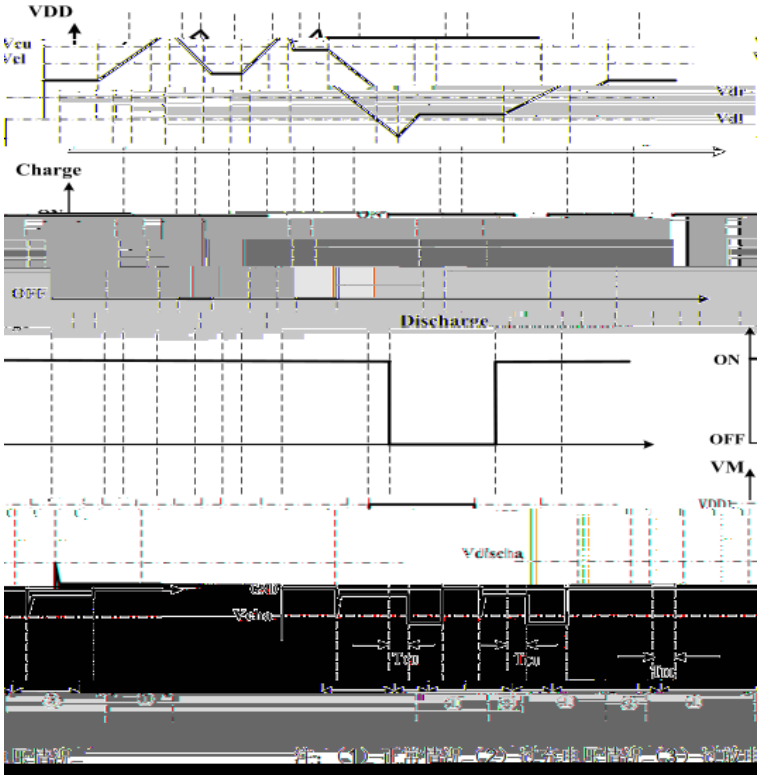
(3)
VM GND VM GND

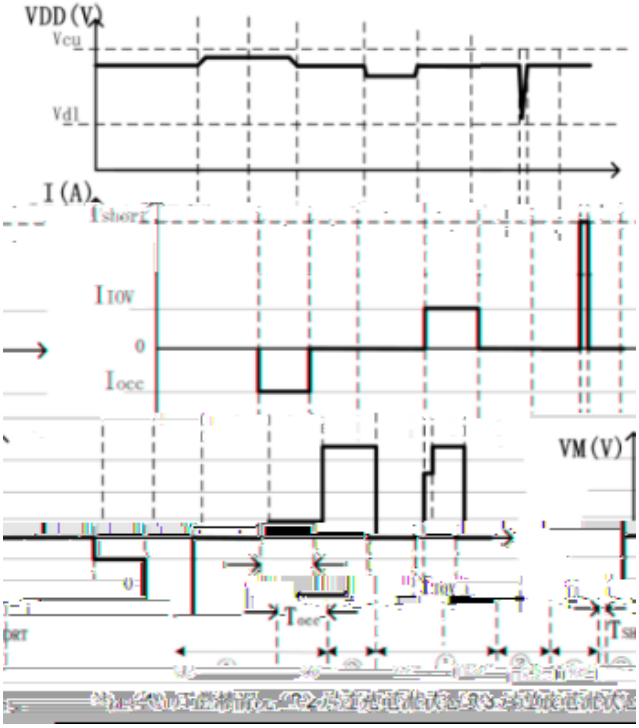
battery and

condition

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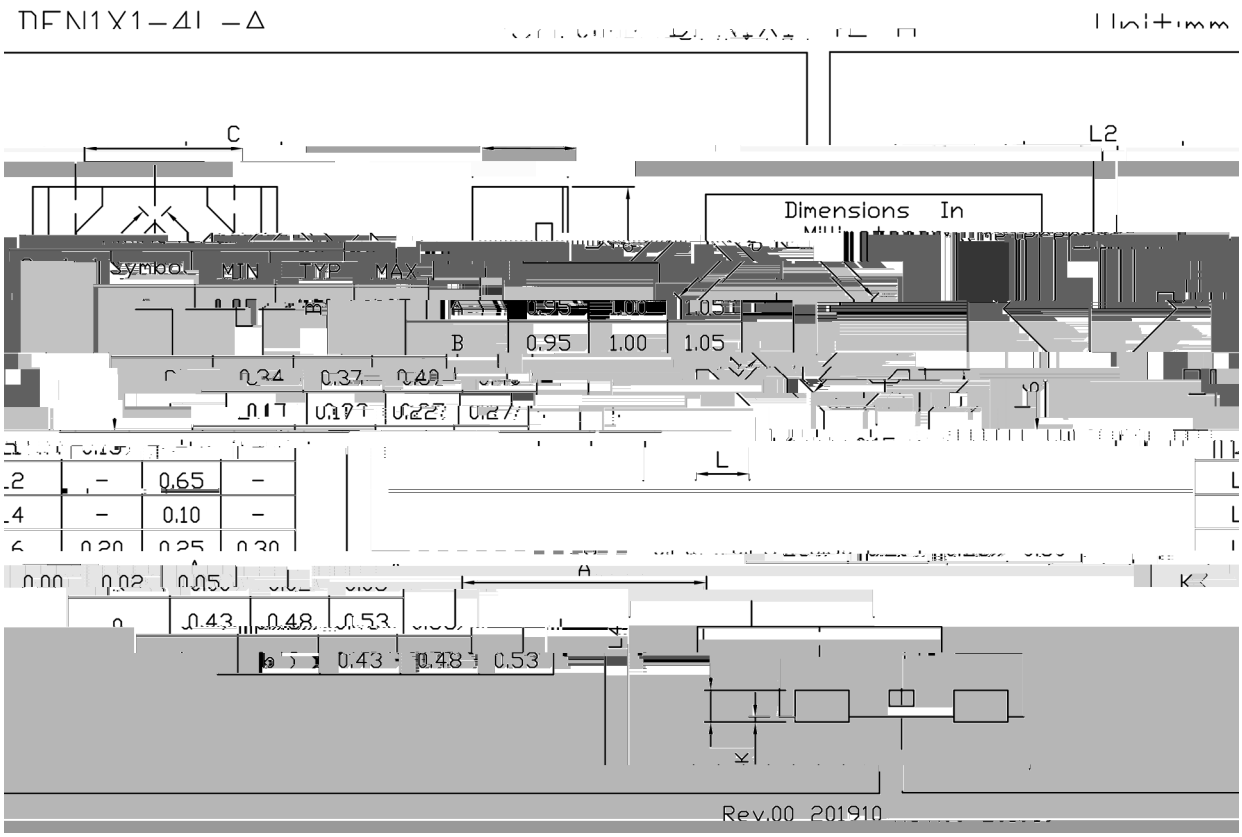
/ Timing Chart





/ Timing Chart

/ Package Dimensions



/ Marking Instructions

3130

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