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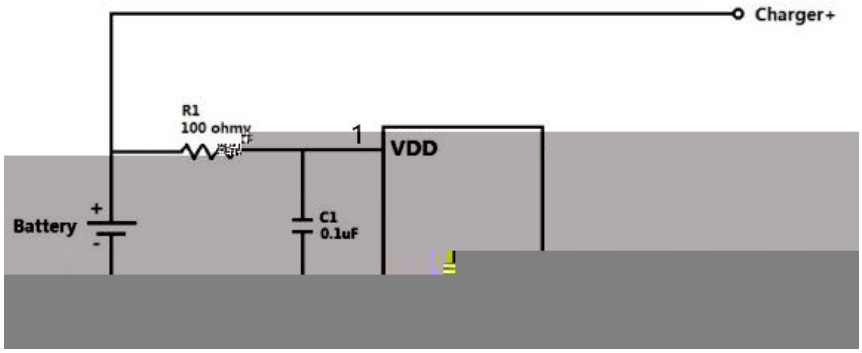
RD

/ Descriptions

/ Features

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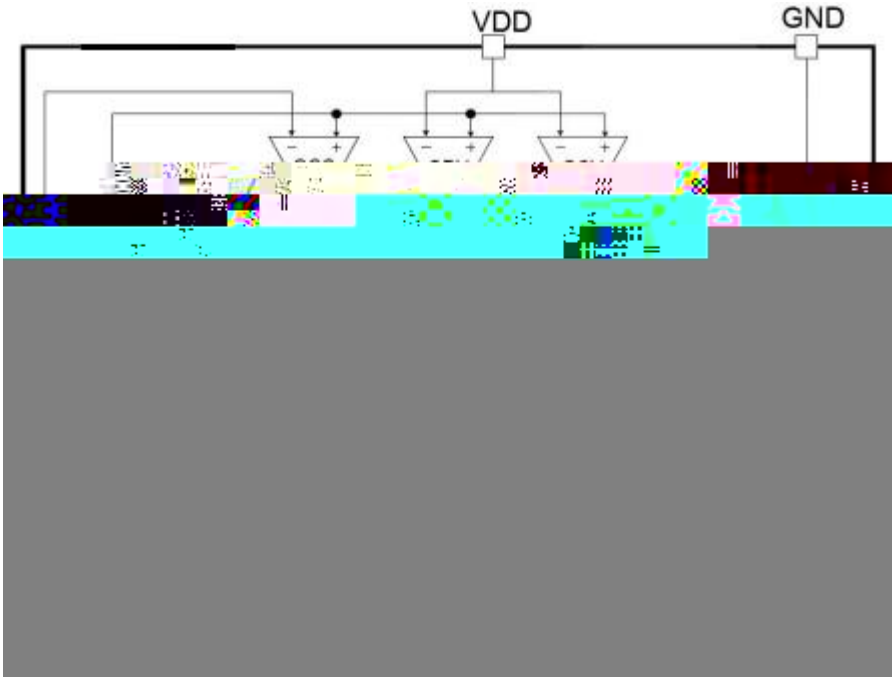
/ Applications


Charger+
R1
100 ohm
1
VDD
Battery
+
-
C1
0.1uF

:



/ Functionl Block Diagram



/ Functional Description

BRCL3130ZF

MOSFET

50mΩ

/ Normal Operating mode

/ Overcharge Condition

VCU ,
TCU BRCL3130ZF FET

1 VCL BRCL3130ZF
2 BRCL3130ZF
VM 0.7V
BRCL3130ZF VCU
VCU BRCL3130ZF VCU
VCU
VM 1
VCU VCU
1 2 VCU
1 2

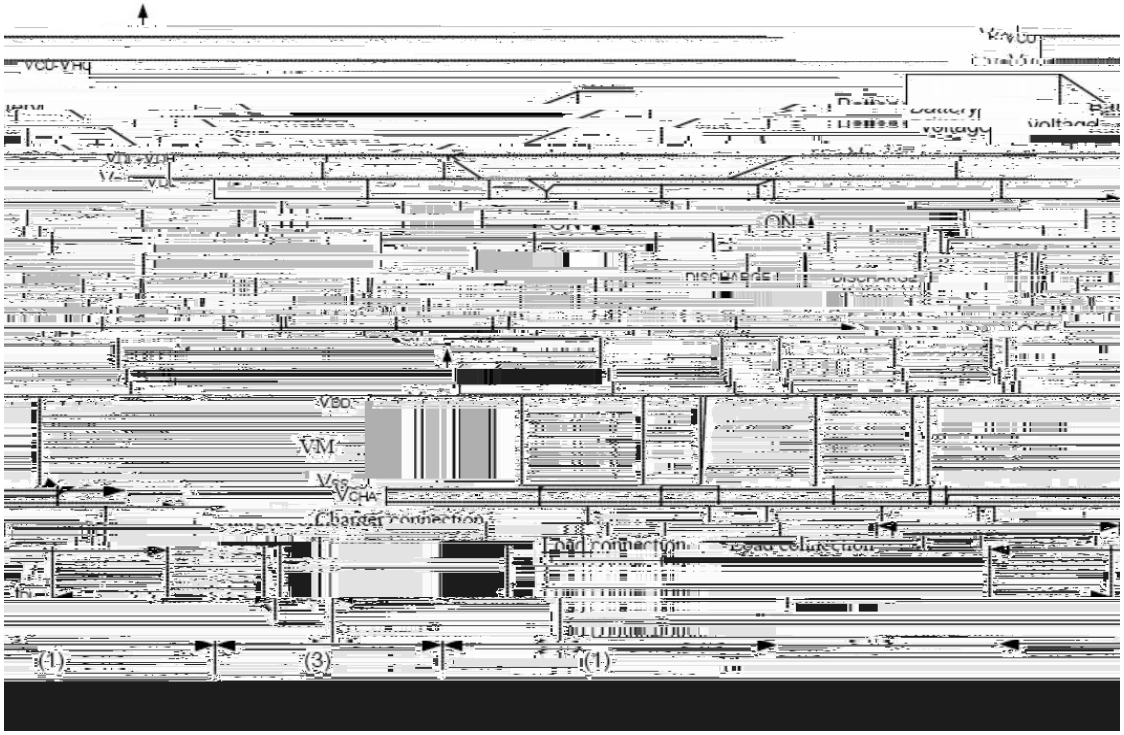
BRCL3130ZF

/ Timing Chart

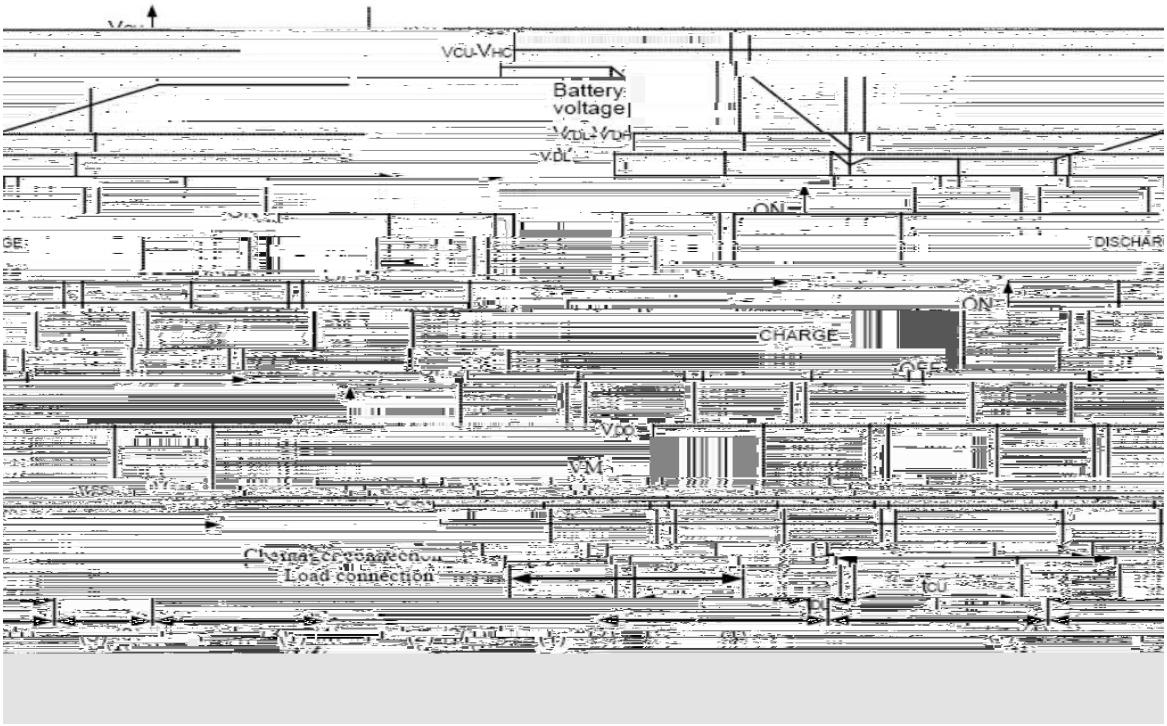
/Overcharge And Overdischarge Detection

/ Timing Chart

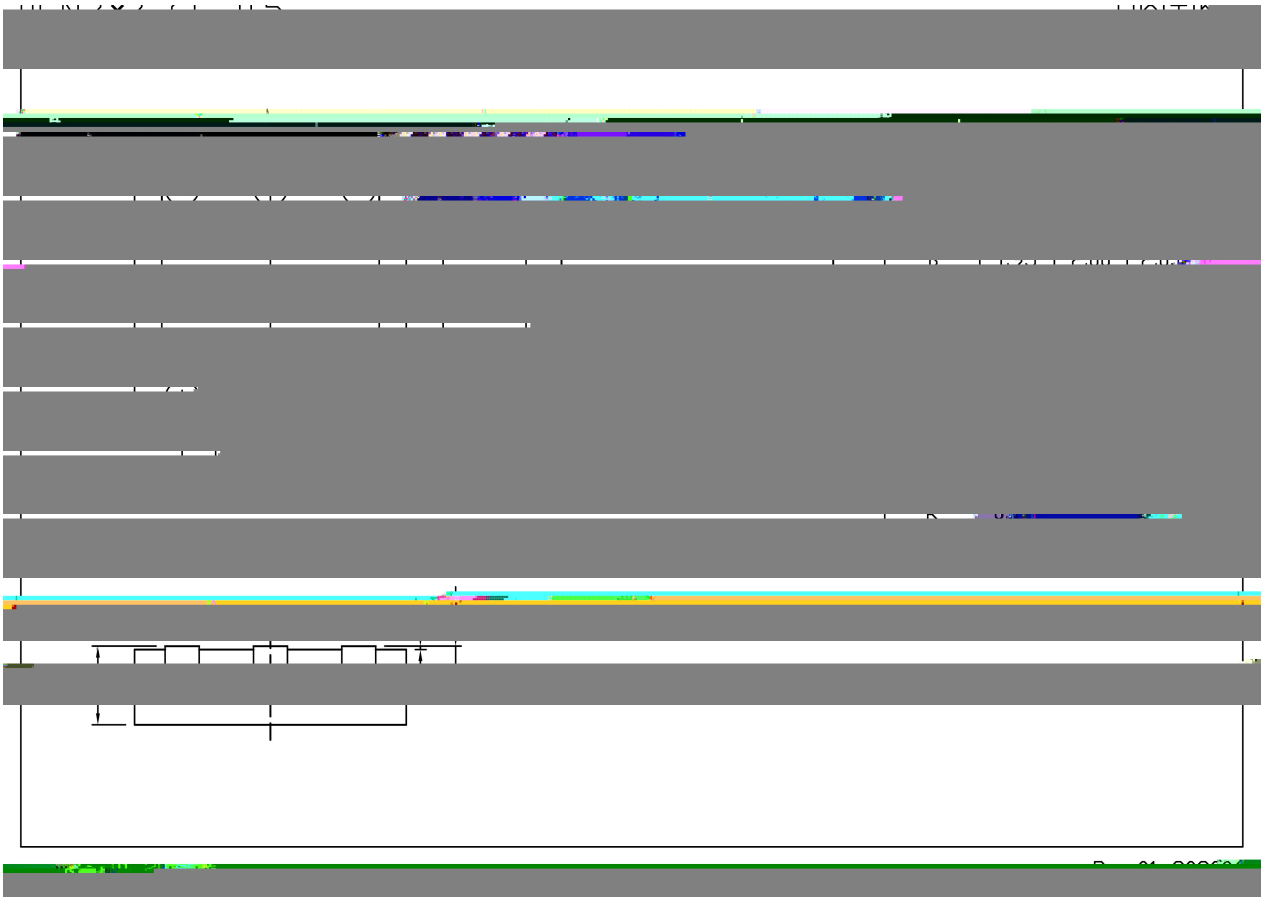
/Charger Detection



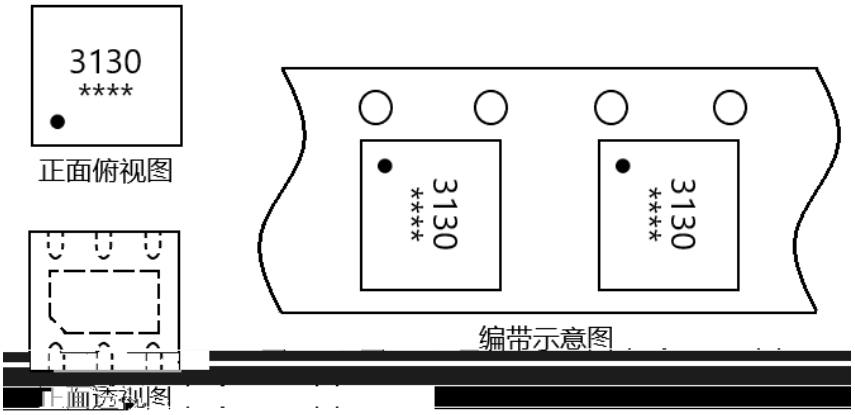
/Abnormal Charge Detection



/ Package Dimensions



/ Marking Instructions



3130

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

