

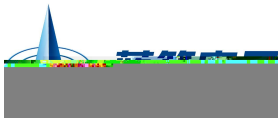


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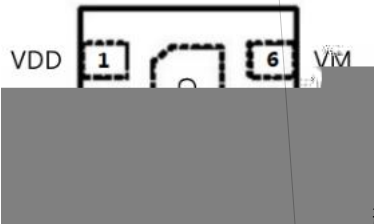
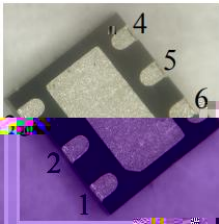
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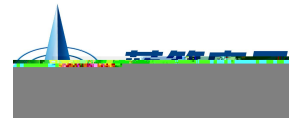


| Pin Number | Pin Name | Pin Description                                                   |
|------------|----------|-------------------------------------------------------------------|
| 1          | ZJJ#     | R3 - 1#\$@%%E#                                                    |
| 2 7        | ^KJ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

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|                                  |                     |                      |        |        |        |       |
|----------------------------------|---------------------|----------------------|--------|--------|--------|-------|
| ,RA1A4 * 1#                      | , \$E4 03#          | ,6 / *#<br>83C?>*3C# | , F>C# | ,6E%#  | , FAN# | ,YC*# |
| G 12)A1B #J * 2*3C#Z3D*AB #      | Z <sub>8Y</sub> #   | #                    | S!'T#  | S!:(#  | S!:T#  | Z#    |
| G 12)A1B # D A/ #Z3D*AB #        | Z <sub>89</sub> #   | #                    | S!(T#  | S!;( # | S!;T#  | Z#    |
| G 1?>/2)A1B #J * 2*3C#Z3D*AB #   | Z <sub>J9</sub> #   | #                    | '!e'#  | '!b(#  | '!bb#  | Z#    |
| G 1?>/2)A1B # D A/ #Z3D*AB #     | Z <sub>J</sub> #    | #                    | '!'`'# | :!( (# | :!(b#  | Z#    |
| 8)A1B 1#J * 2*3C#Z3D*AB          | Z <sub>8</sub> [`"# | #                    | &(!: # | &(!S#  | &(!T#  | Z#    |
| G 12)A1B #8@11 C*#J * 2*3C#      | Q <sub>IG8</sub> #  | Z??f :!LZ# Q         | (! :#  | (!e#   | ;#     | "#    |
| G 1?>/2)A1B #8@11 C* ;#J * 2*3C# | Q <sub>IGZ</sub> ;# | Z??f :!LZ#           | (! :#  | (!e#   | ;#     | "#    |
| G 1?>/2)A1B #8@11 C*'#J * 2*3C#  | Q <sub>IGZ</sub> '# | Z??f :!LZ#           | :#     | S!T#   | L#     | "#    |

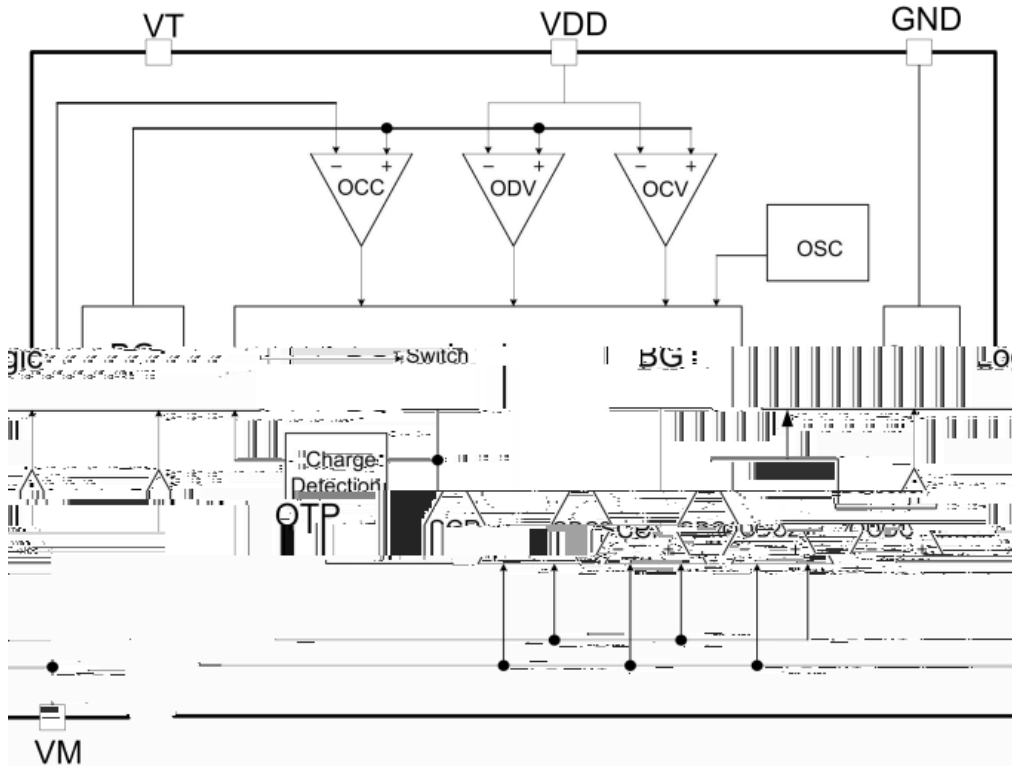
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## / Functional Block Diagram



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## / Functional Description

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MOSFET

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6) #7 89:;:(8<=#43C\*31/#\*) # 30\*AB #AC?#2@11 C\*#3.A#0A\*\* 1E#AC?#%13\* 2\*/#>#.134#0 >CB#?A4AB ?# ?@ #\*3#3 12)A1B # 30\*AB I#



/ Overcharge Condition

TCU

VCU ,



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/ Abnormal Charge Current Detection

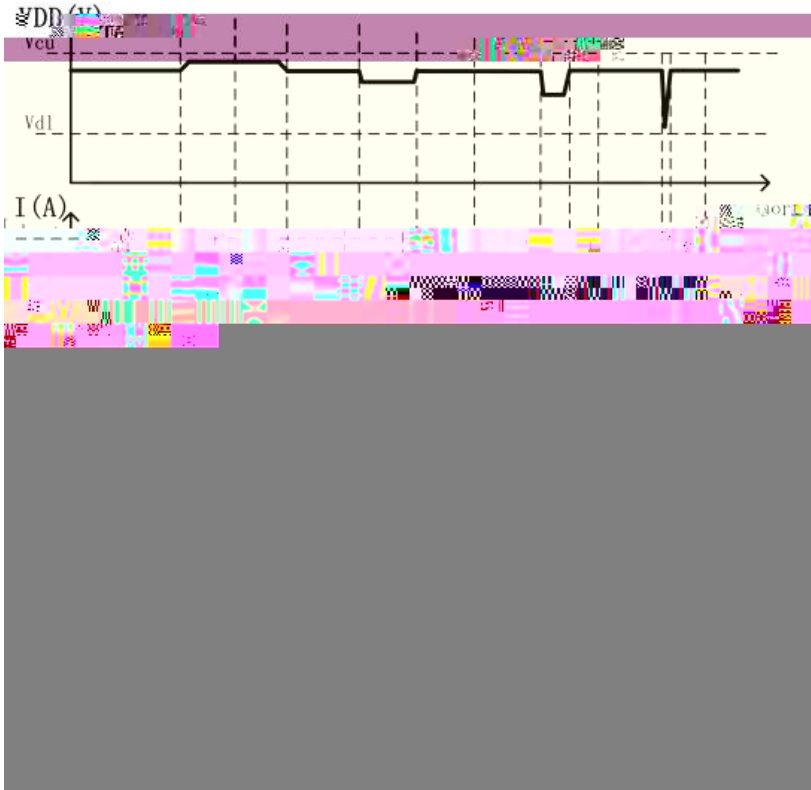
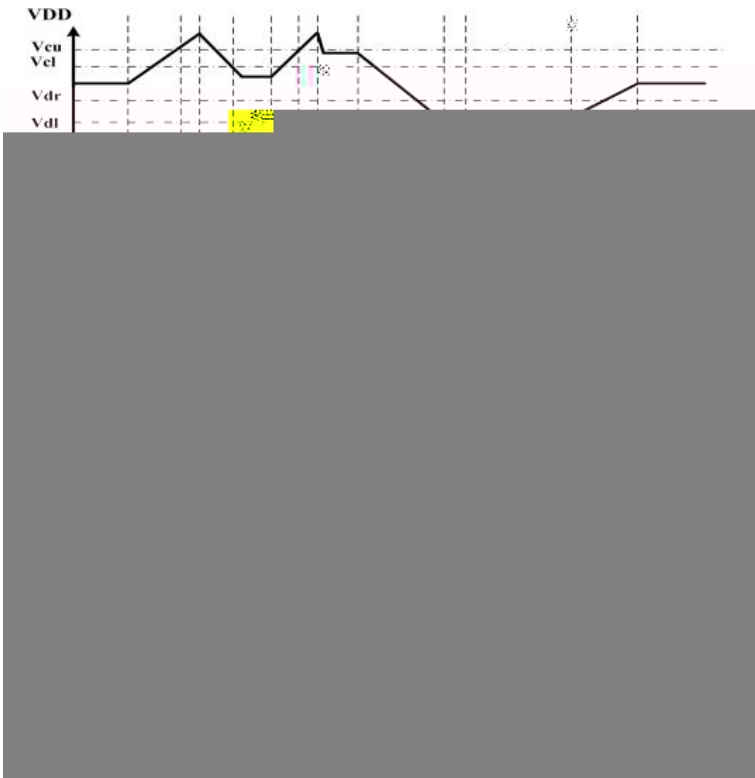
989 TD [( )]TJ ET BT 10.56 0 0 VM 10.56 0 0 Tm /F8 1 Tf 0 0 0 sc 0 0 0 locc SC 0 Tr 31.012 4.145 TD56 0 0 10.56 0 5 64.347 TD 30  
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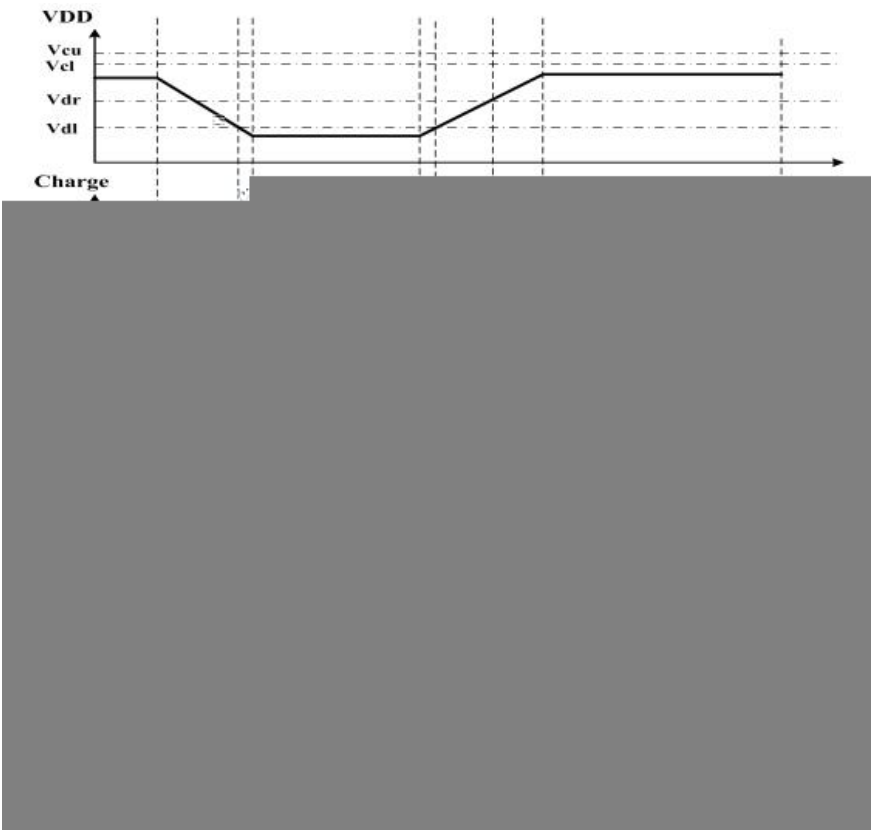


/ Timing Chart





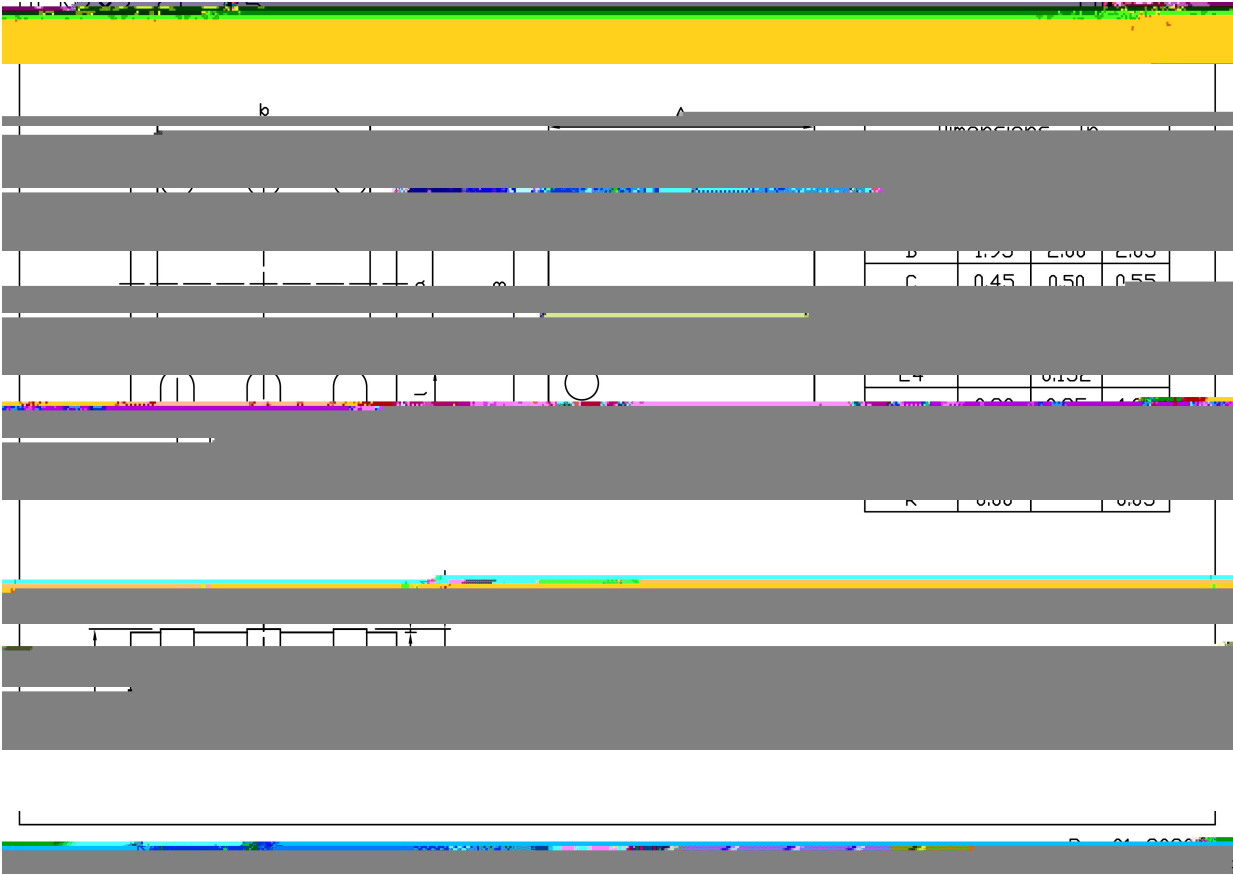
/ Timing Chart





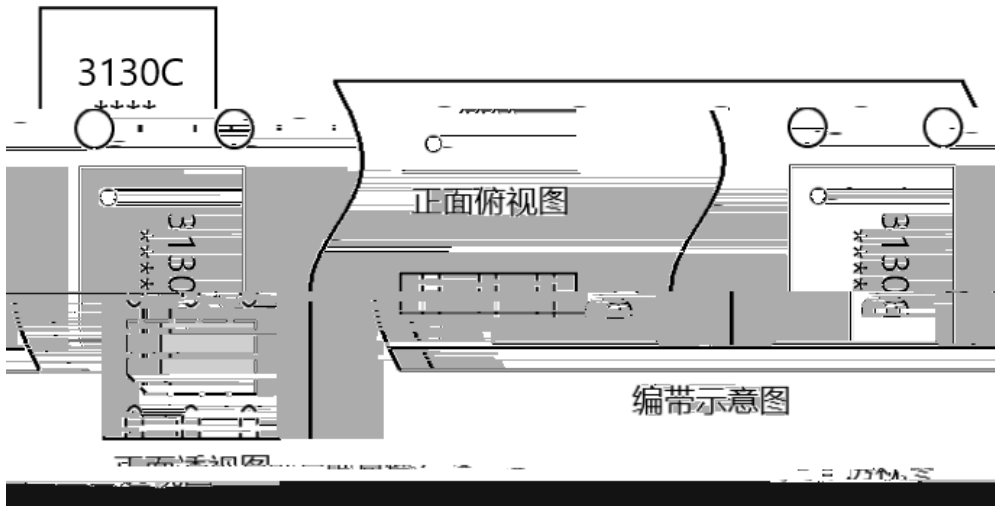
/ Package Dimensions

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/ Marking Instructions



3130C

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K3\* +

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

iiii+ # # 93\*#K3!#83? l#23? #2)ACB # ->\*)#93\*#K3!#

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