3V-40V Vin, 200mA, Ultra-Low Quiescent Current LDO with Adjustable Output Voltage

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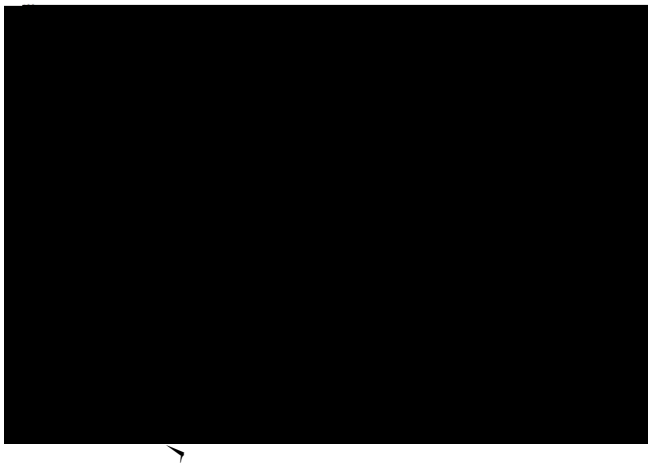

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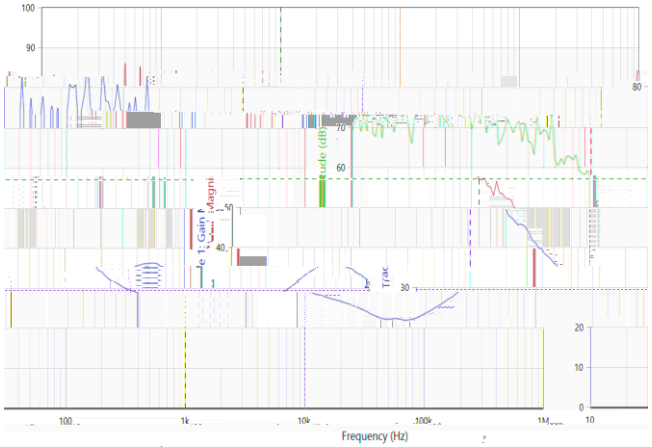
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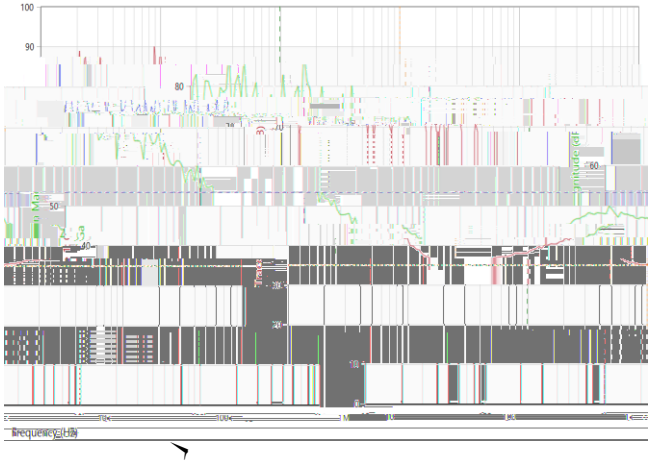

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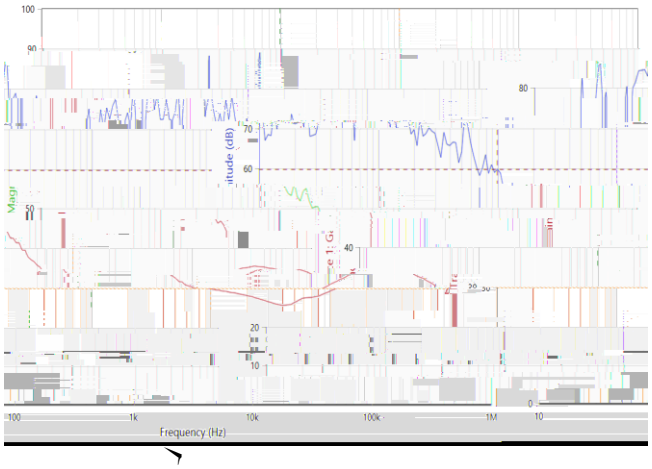
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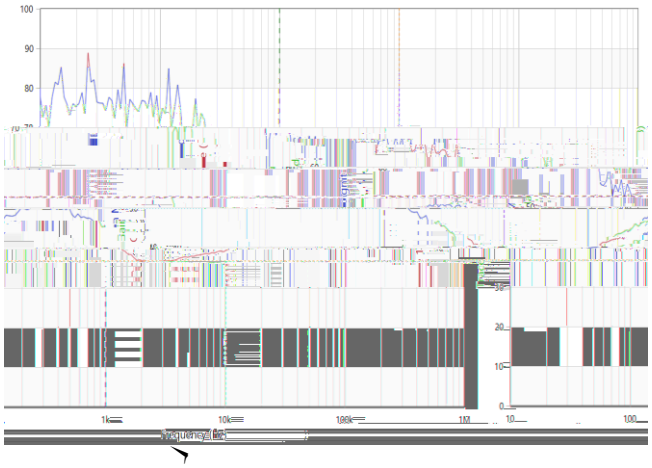

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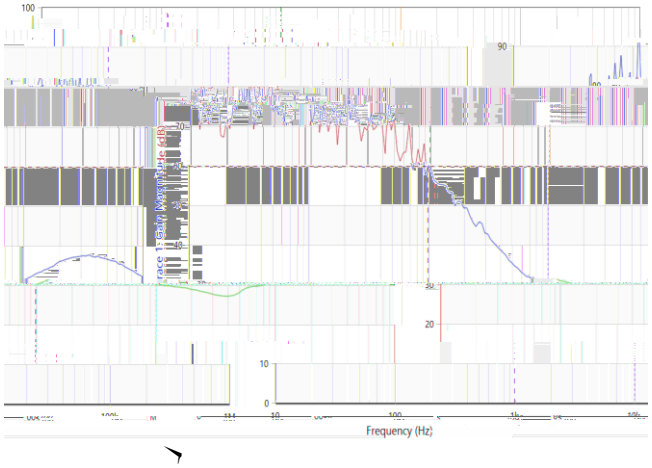
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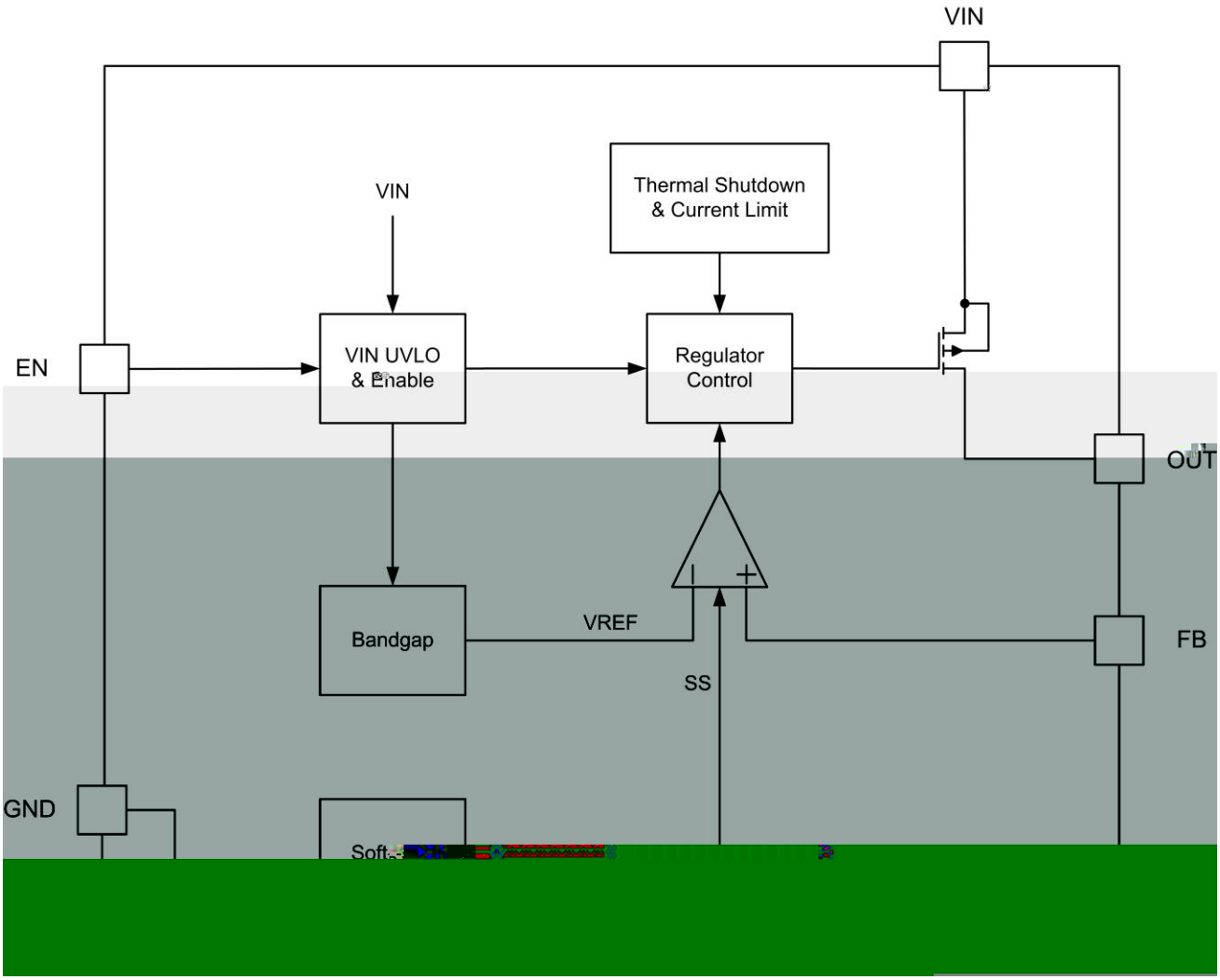
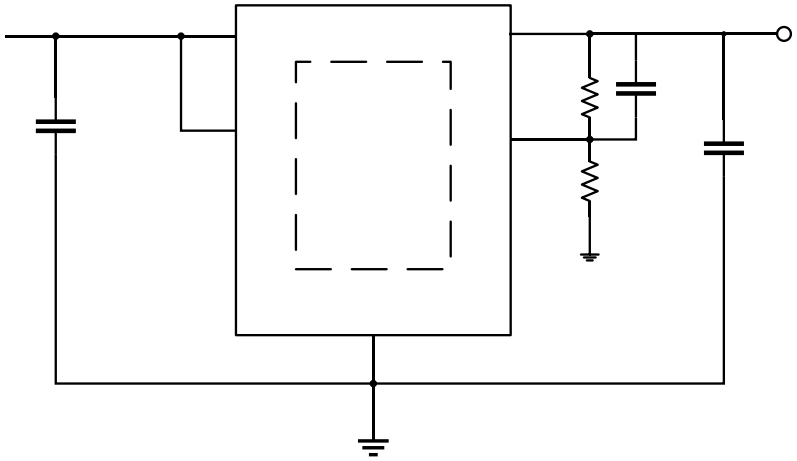

VIN
VIN
Thermal Shutdown
& Current Limit
EN
VIN UVLO
& Enable
Regulator
Control
OUT
Bandgap
VREF
FB
SS
GND

Overview

The SCT71402Q series products provide adjustable output version which can adjust the output voltage from 1.215V to 25V

Typical application 1:



Design Parameters

Design Parameters	Example Value
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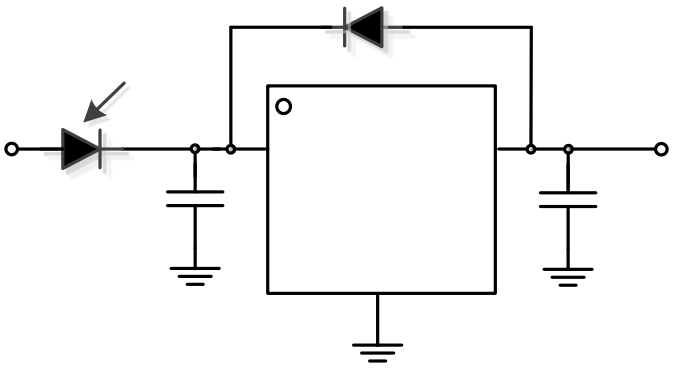
Typical application 2:



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Power Dissipation and Thermal Performance

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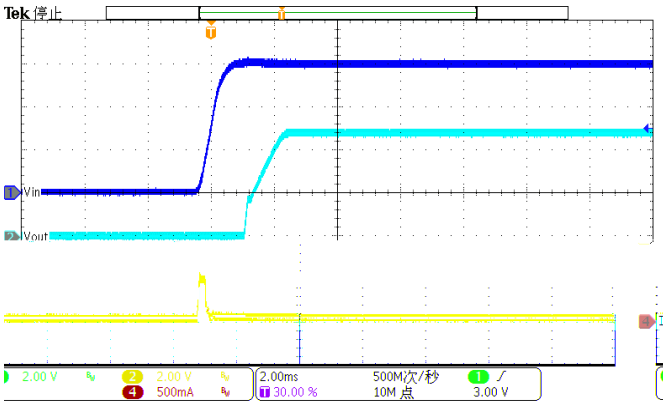
Application Waveforms



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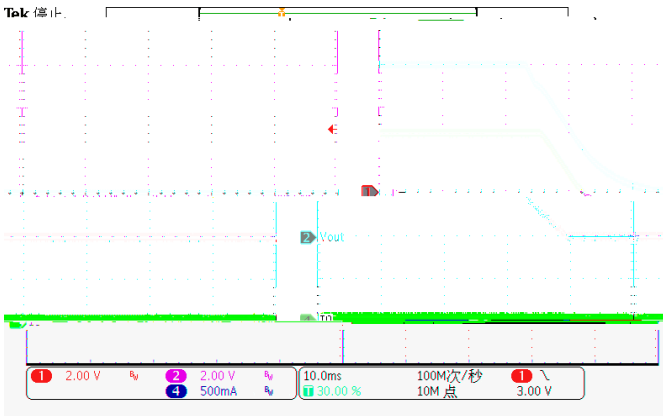

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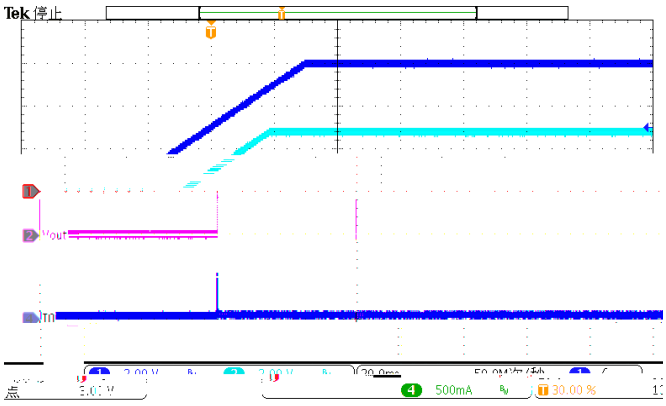

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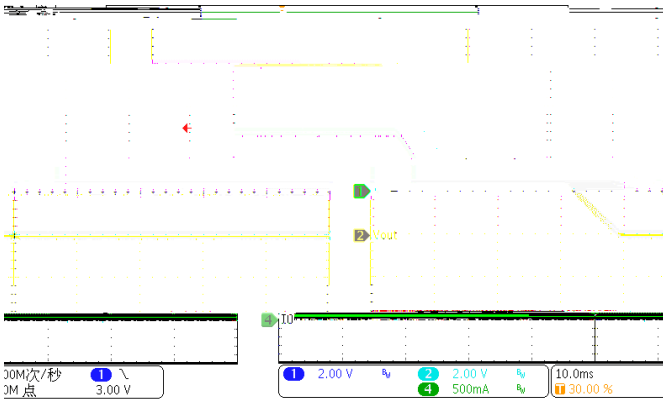

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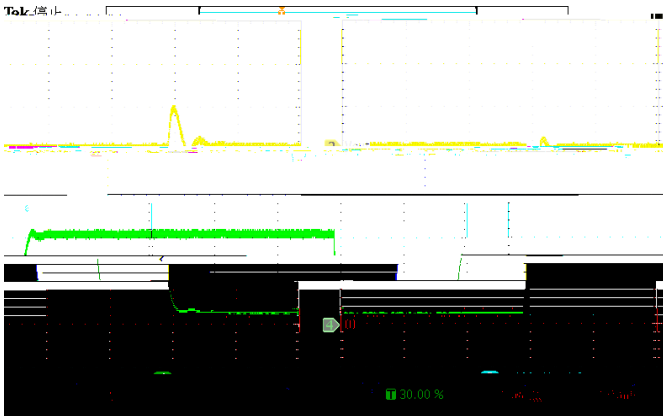

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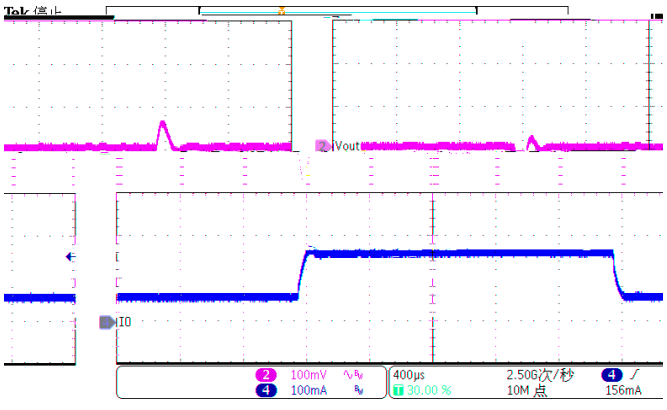

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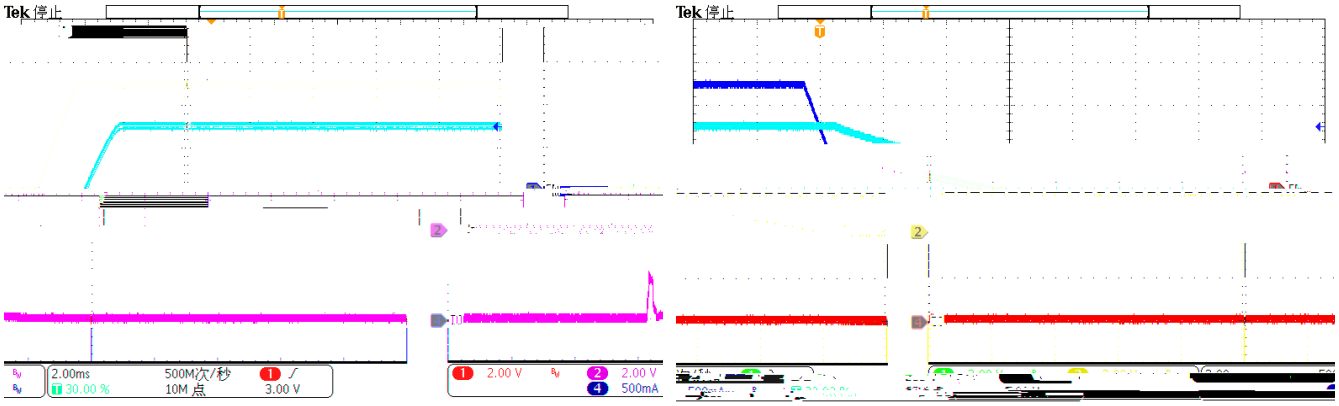
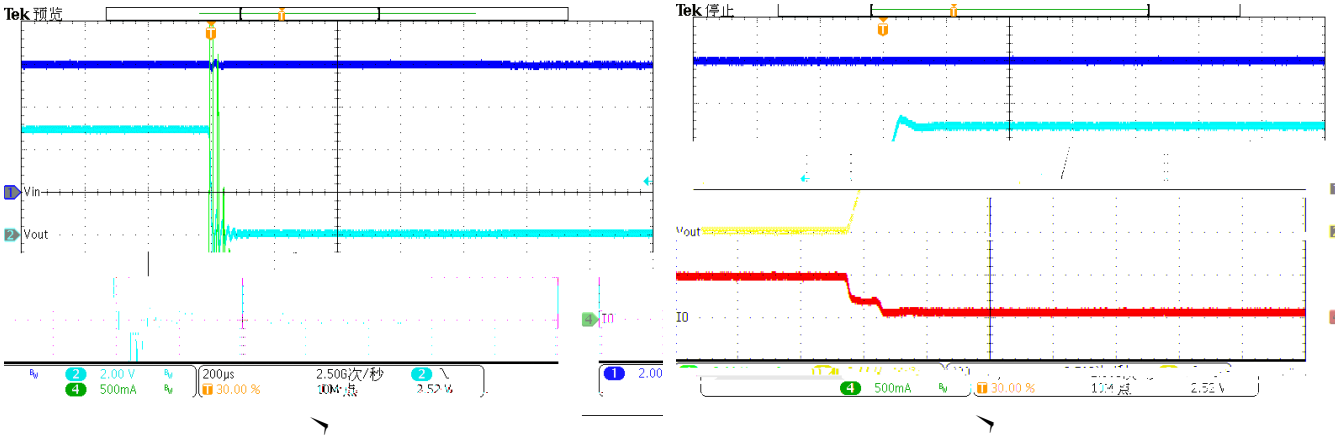
Application Waveforms(Continued)





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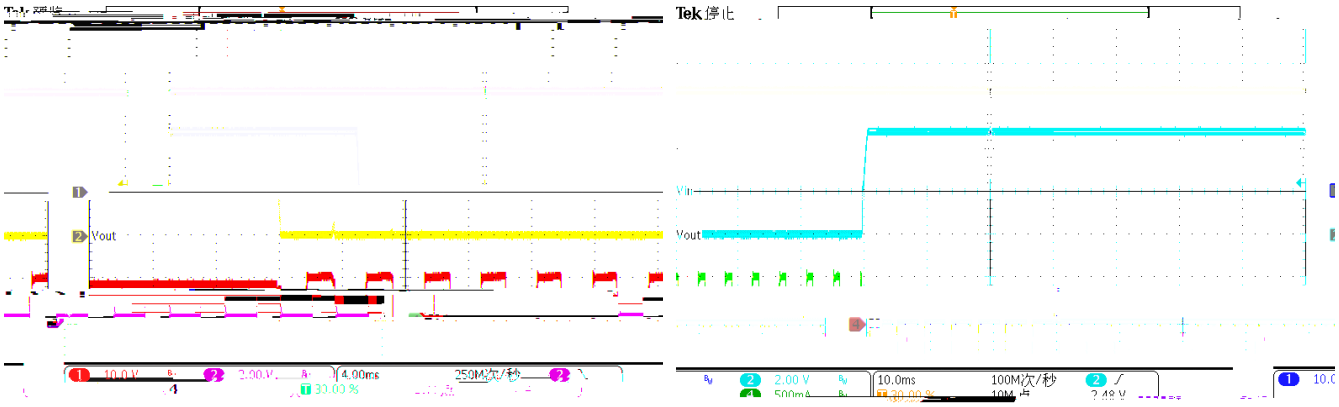

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Layout Guideline

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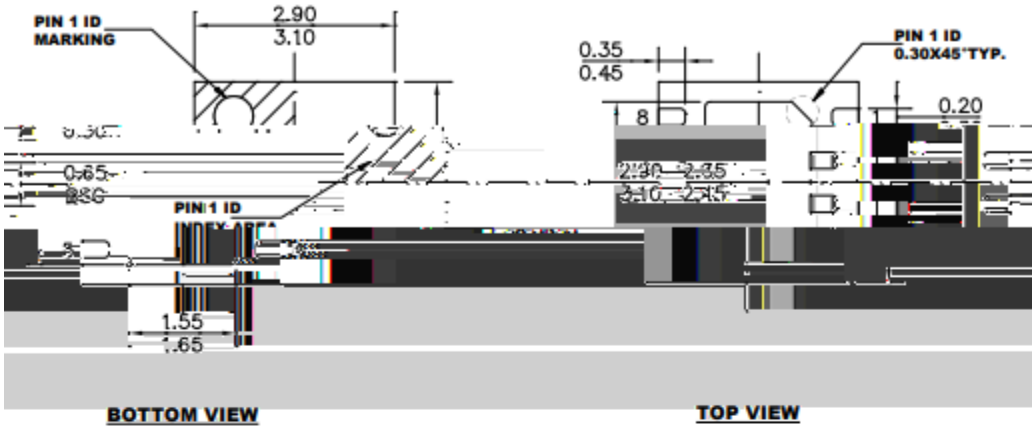
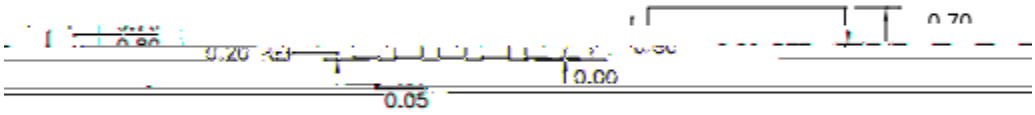
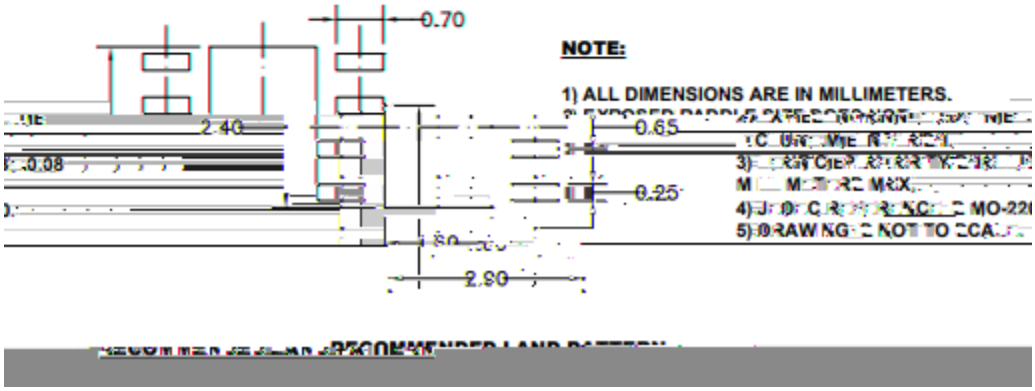




SIDE VIEW



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NOTICE:

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