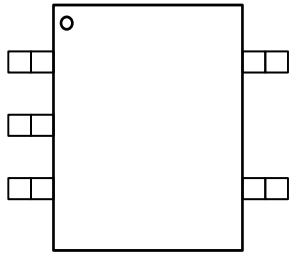


1.7V-6V Vin, 500mA, 8uA I_Q, Low-Dropout Regulator

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(2)

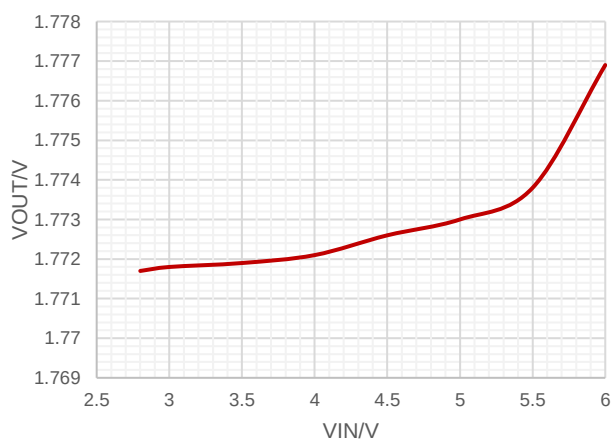
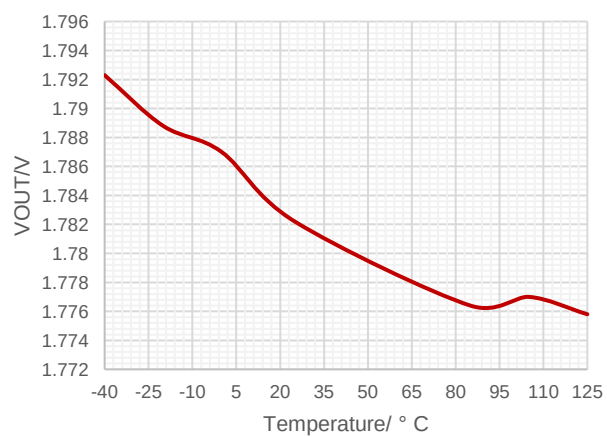
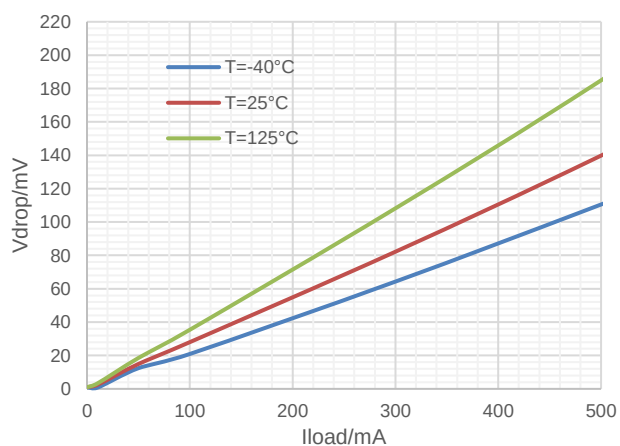
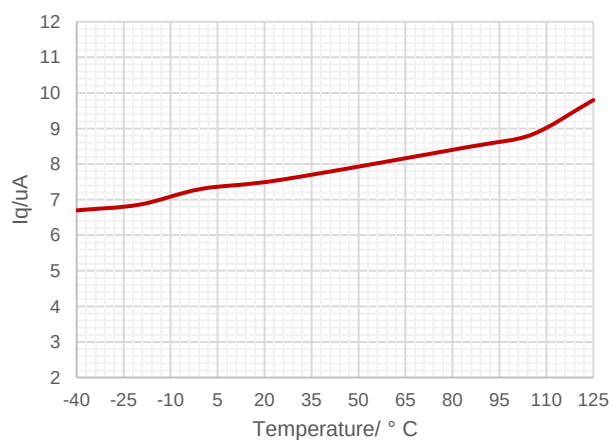
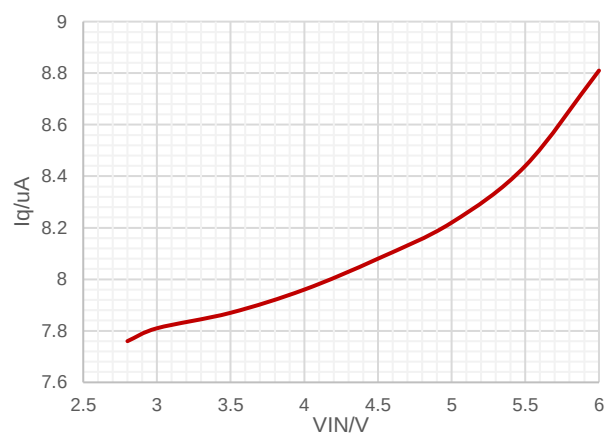
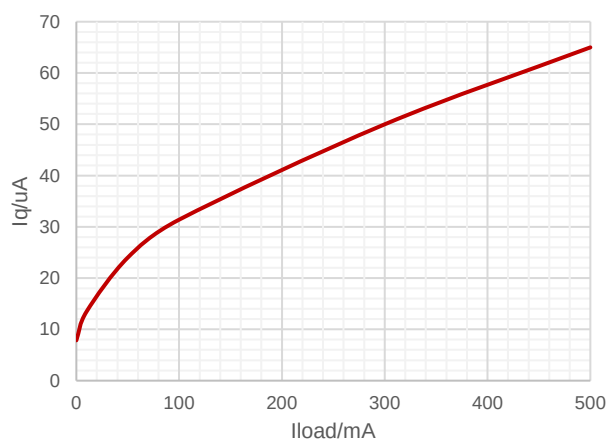
(1)

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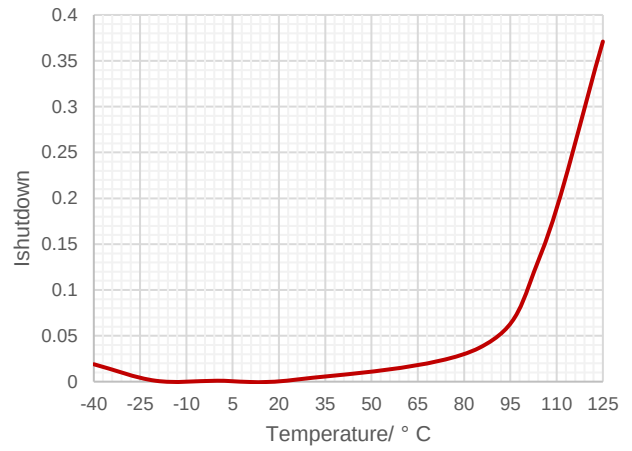
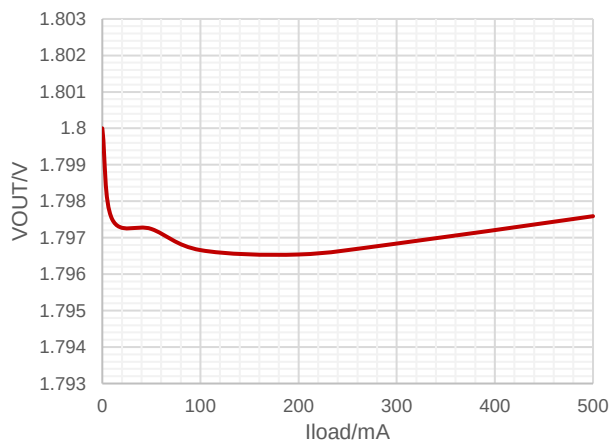


Figure 8. Shutdown Current vs Ambient Temperature

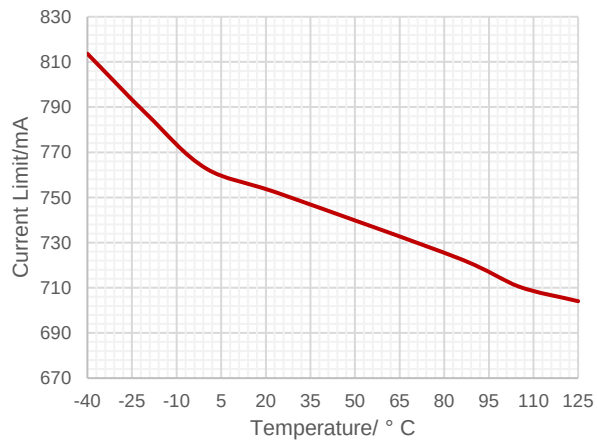


Figure 9. Output Current Limit vs Ambient Temperature

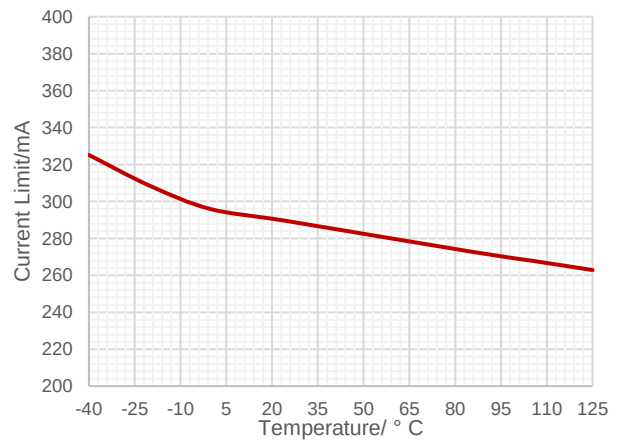
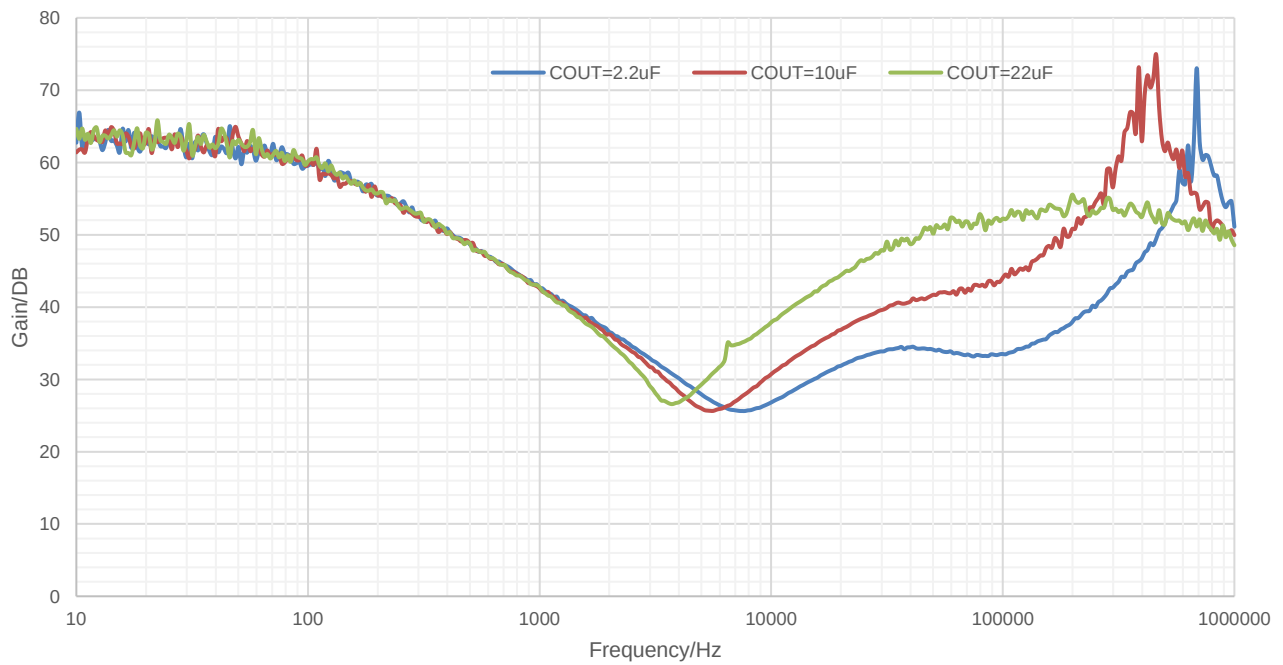
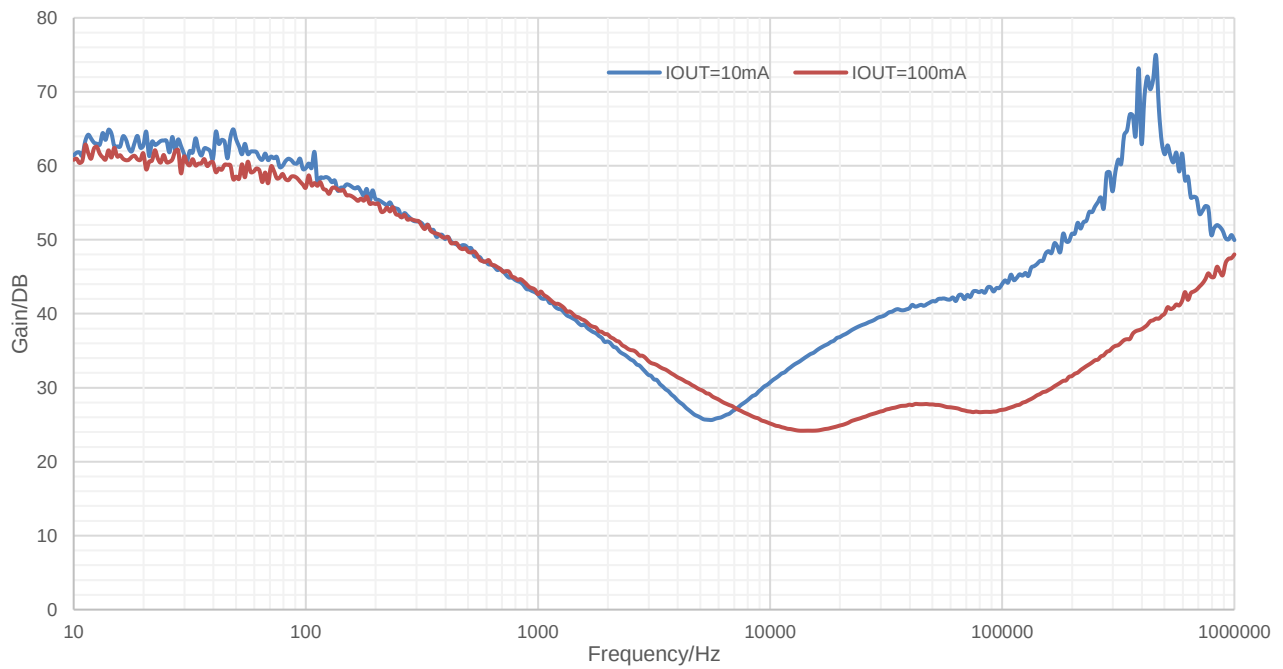
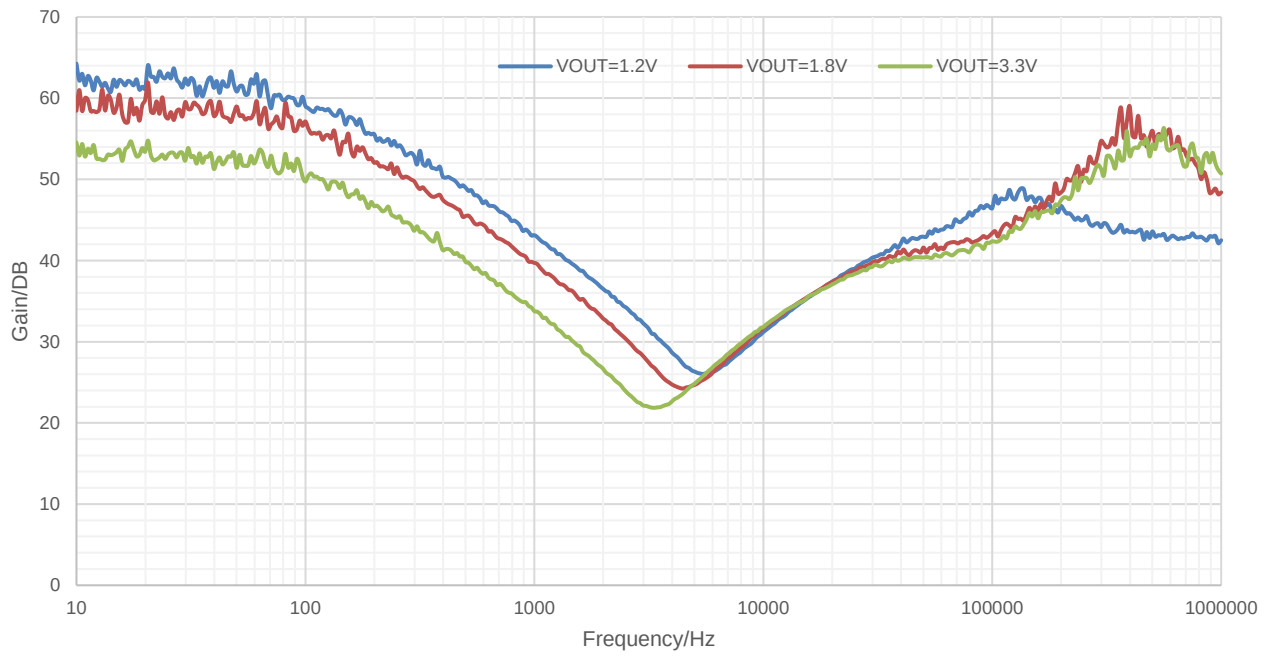
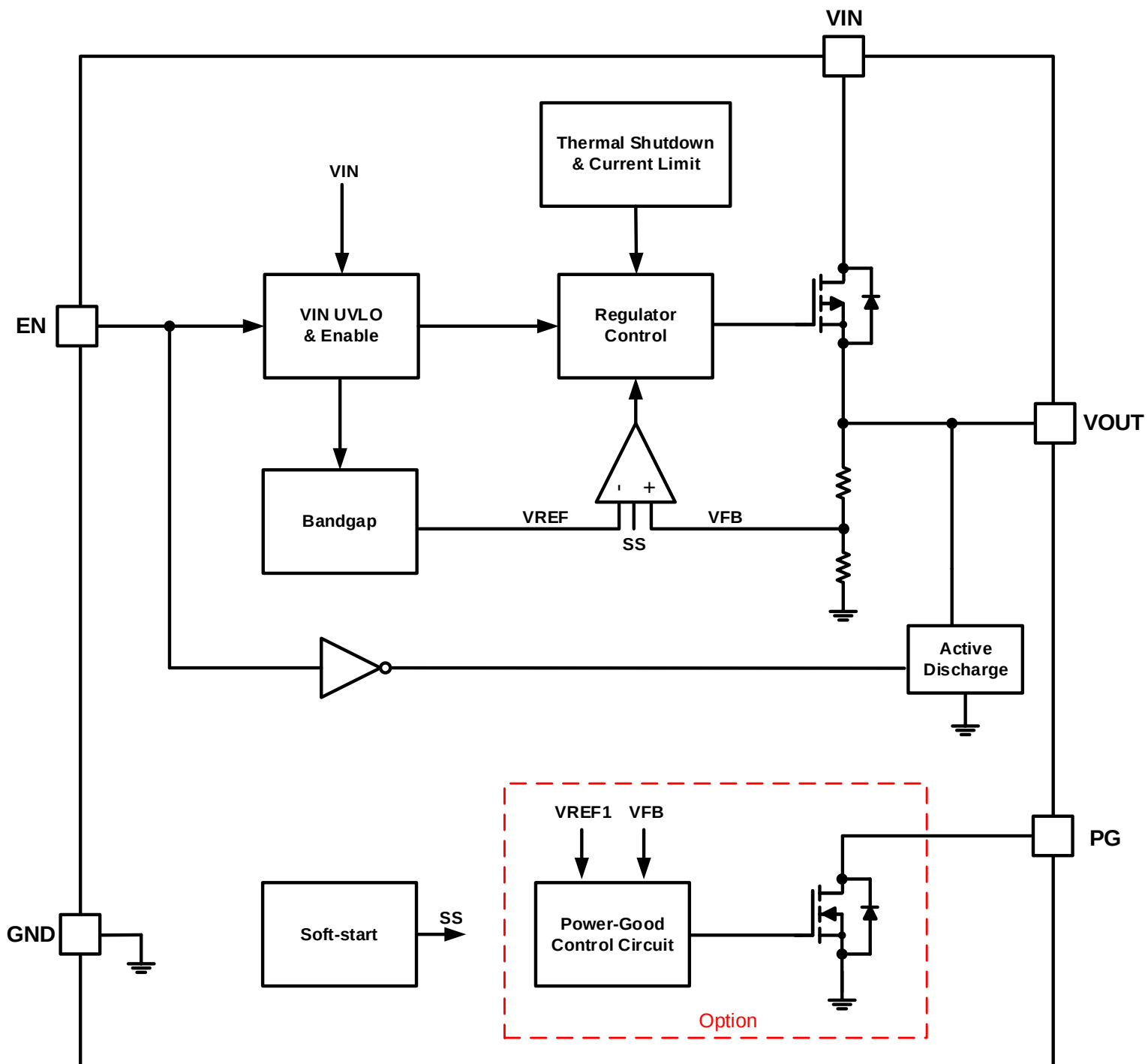
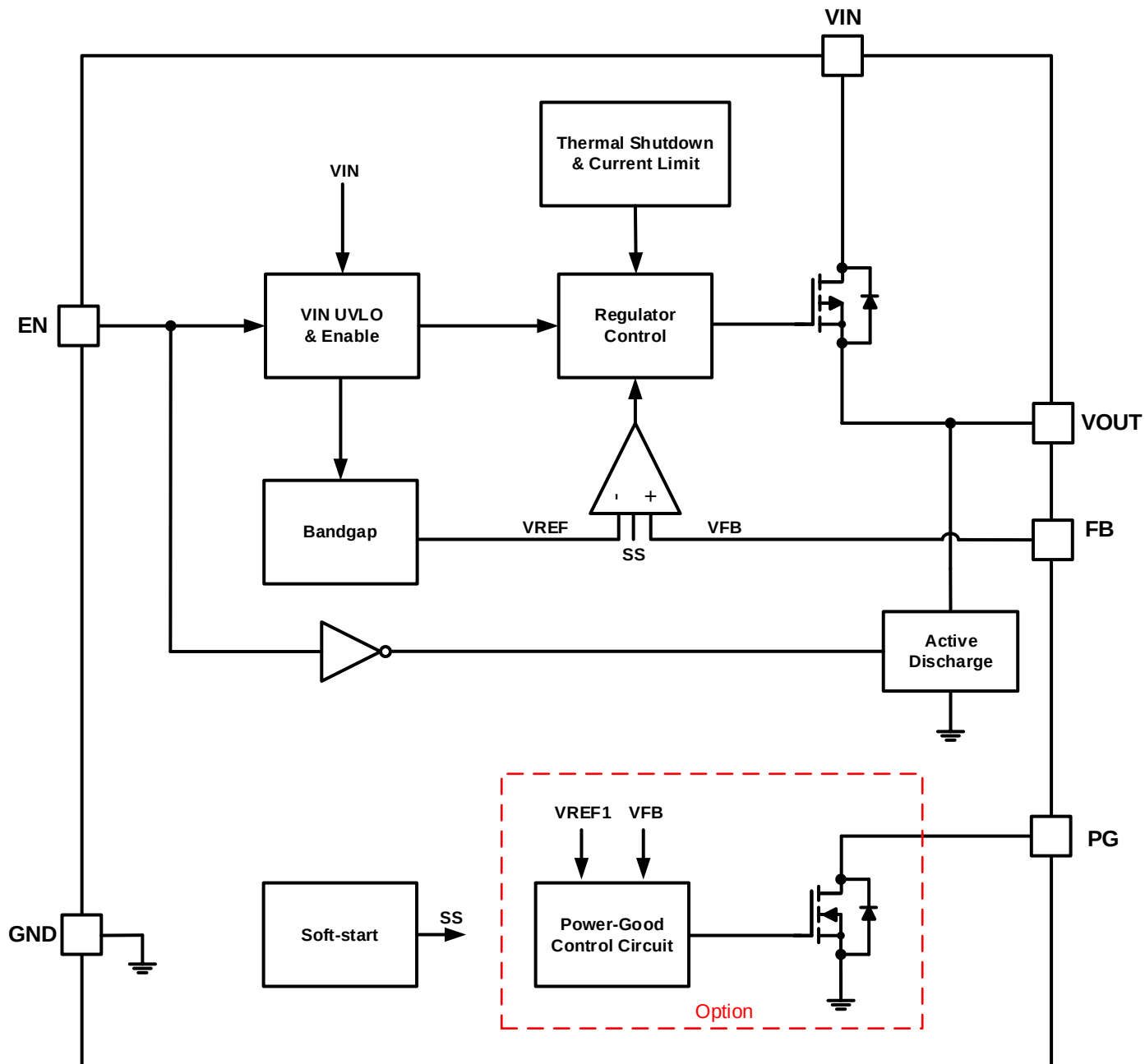


Figure 10. Short Current Limit vs Ambient Temperature

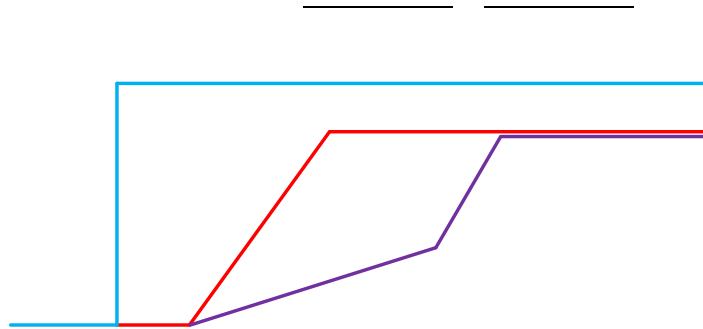
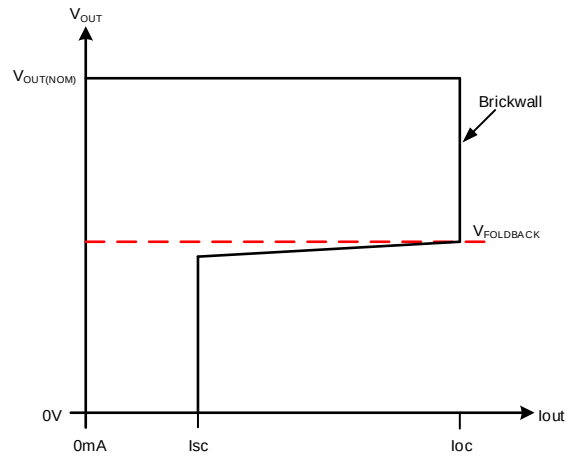


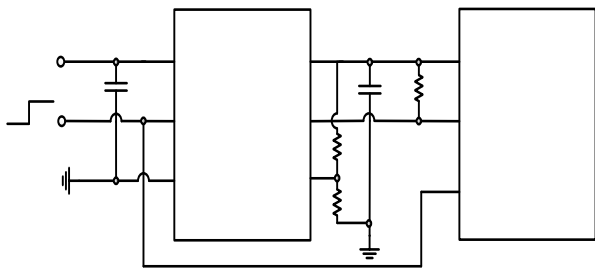




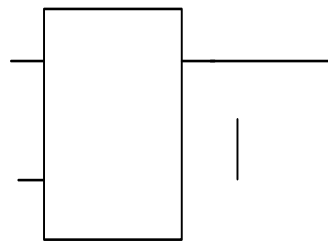


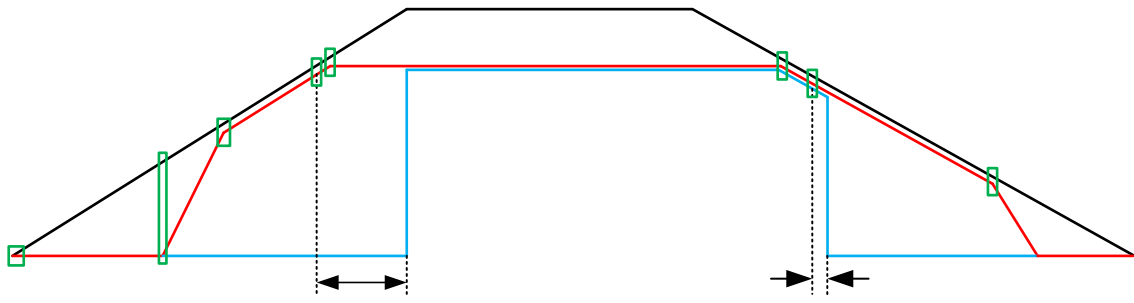
The SCT71005Q product provide adjustable output which can adjust the output voltage from 0.5V to 5V.

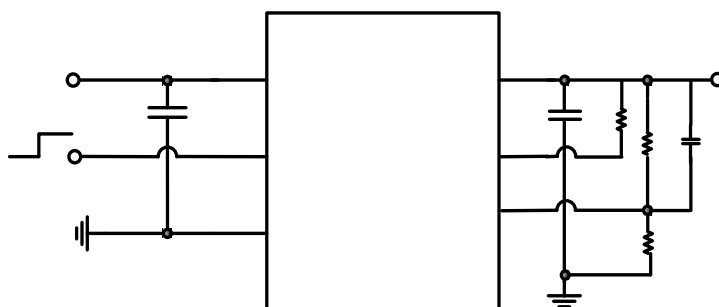


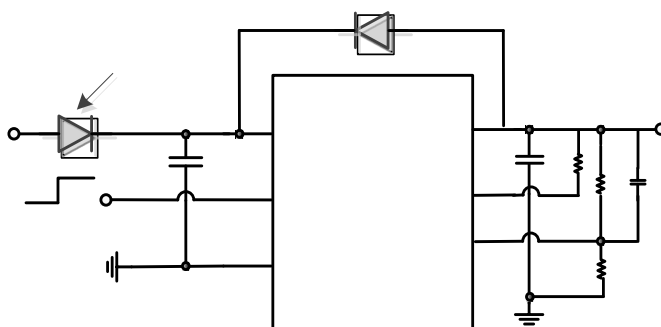


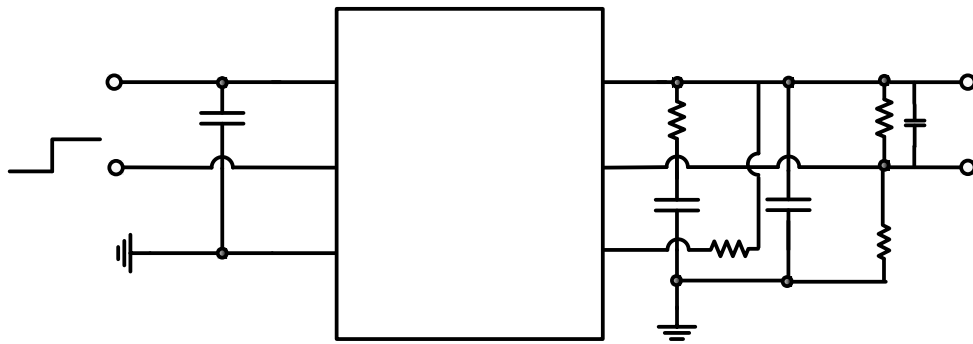
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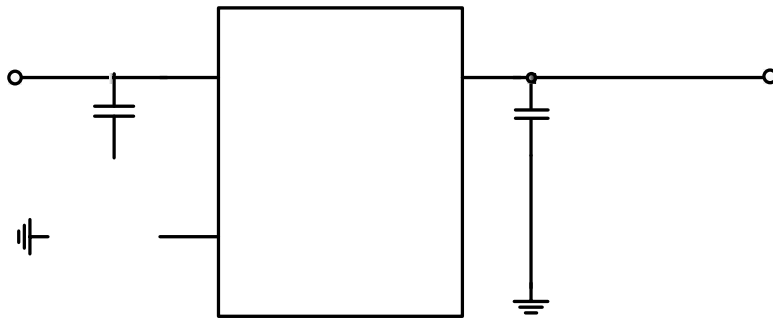




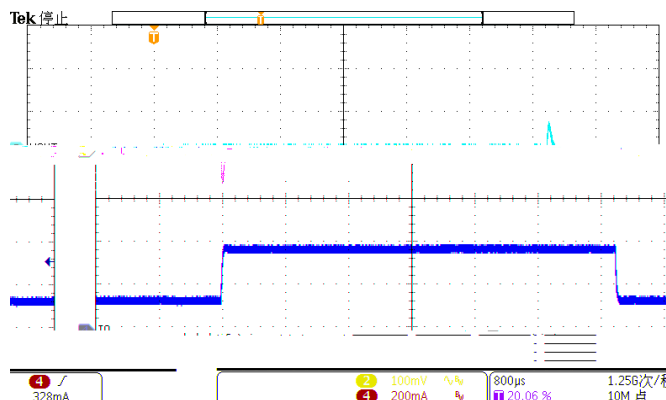
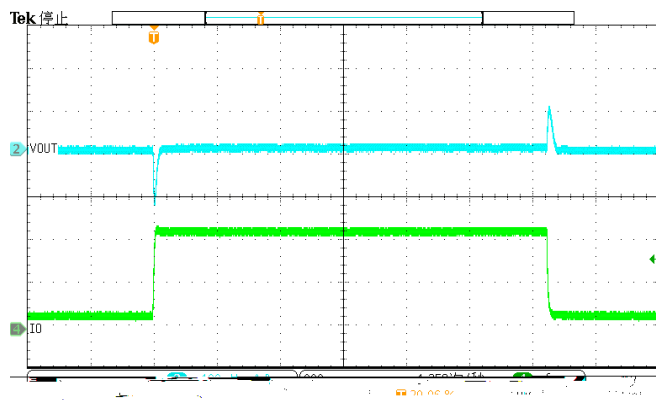
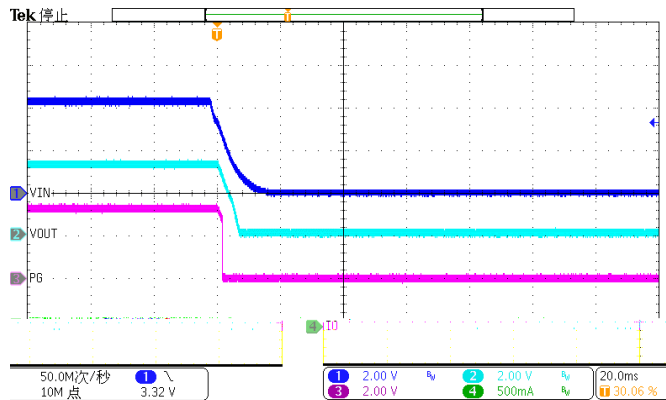
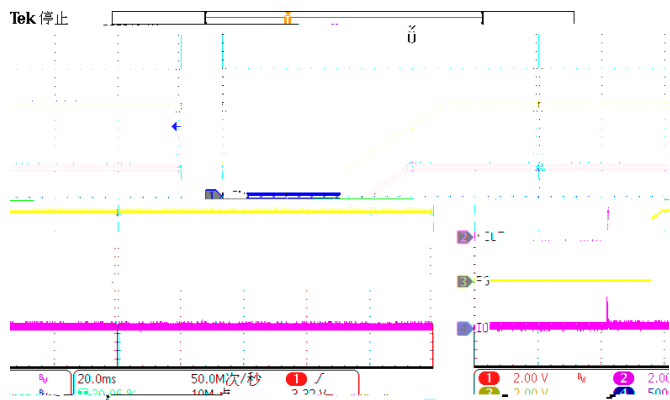
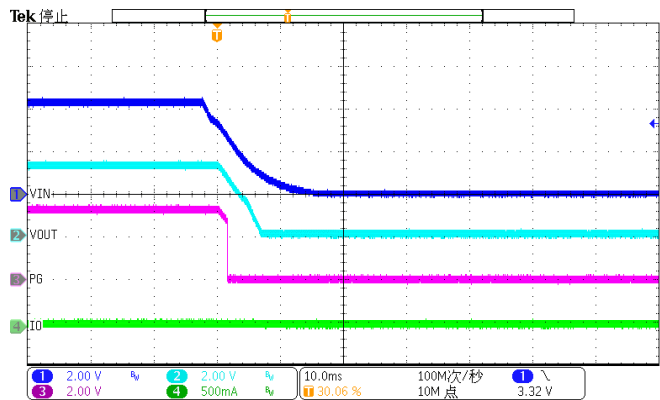
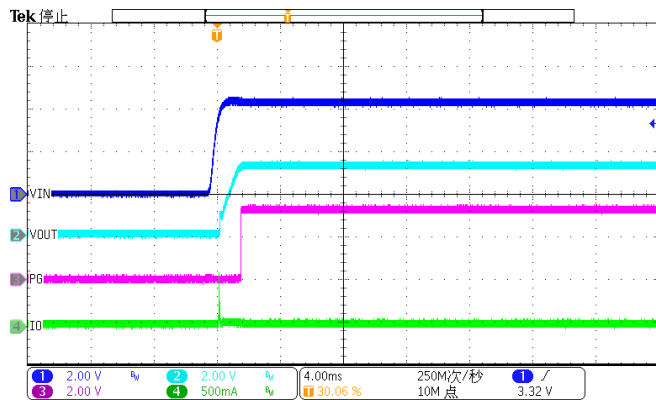


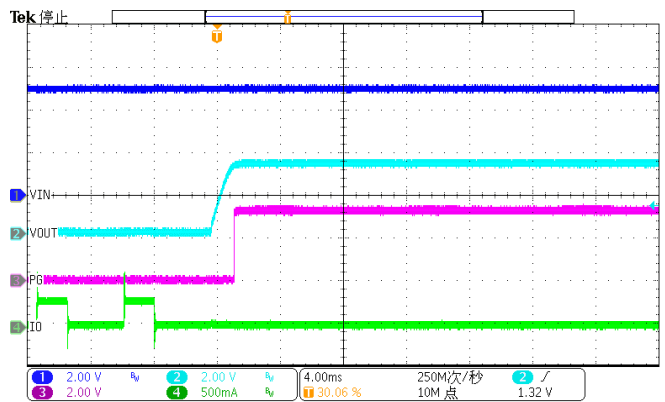
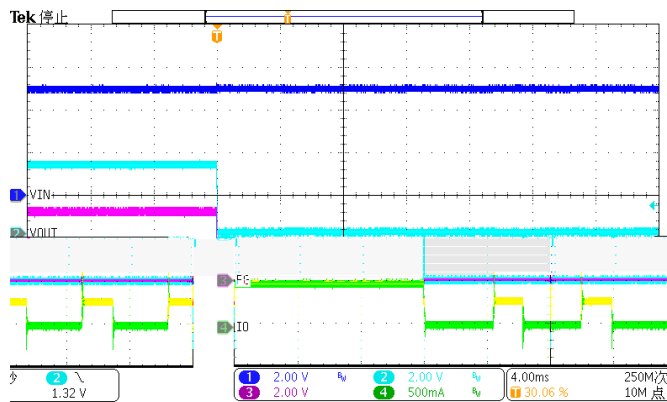
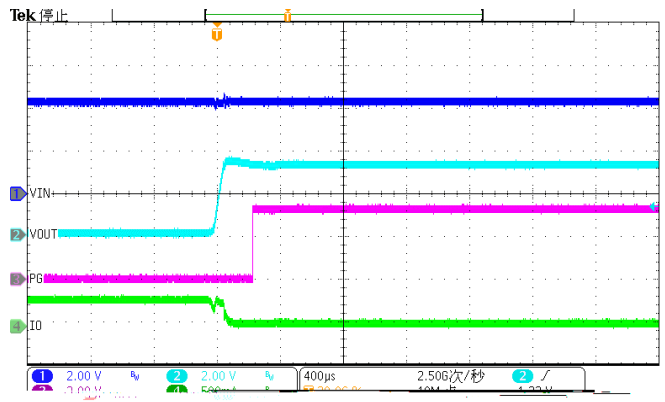
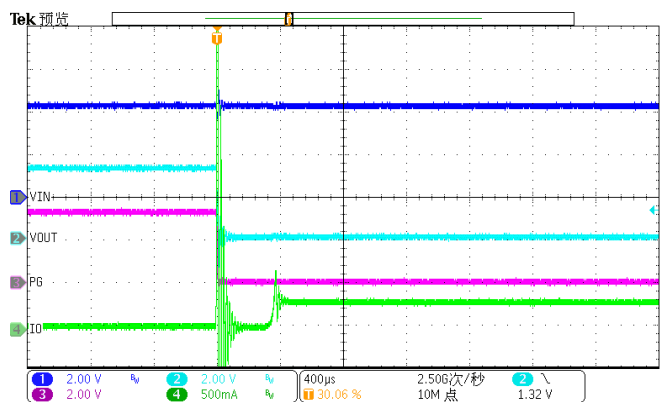
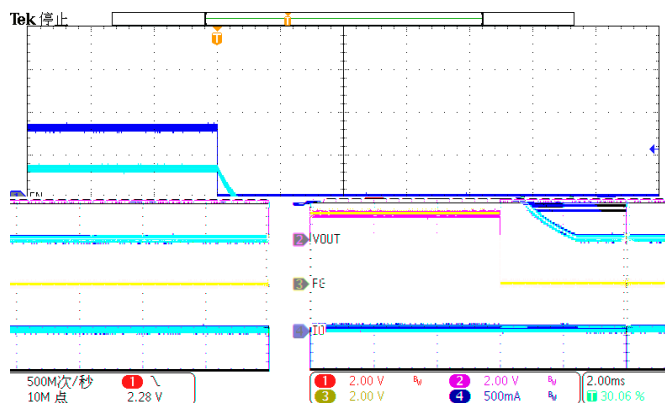
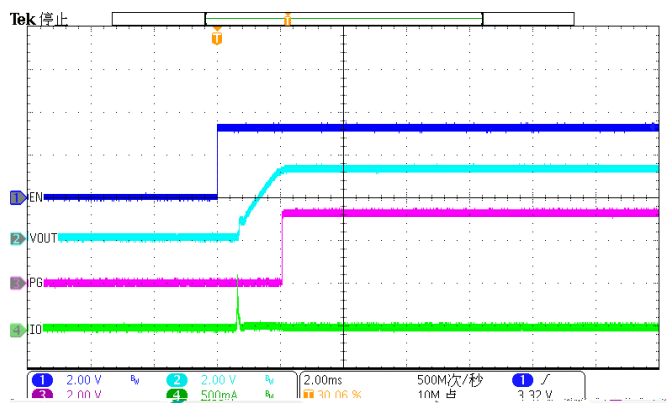


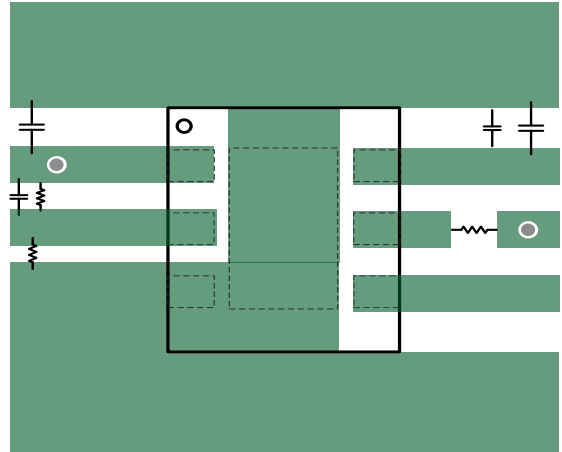
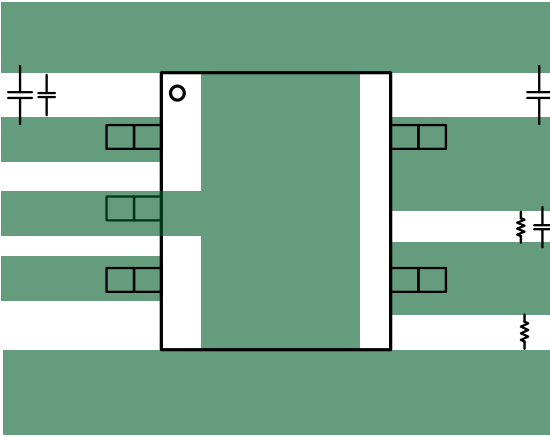


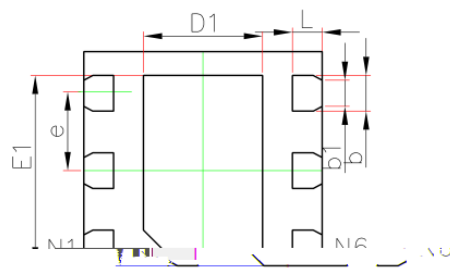
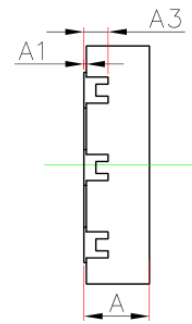
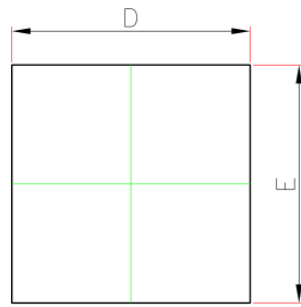


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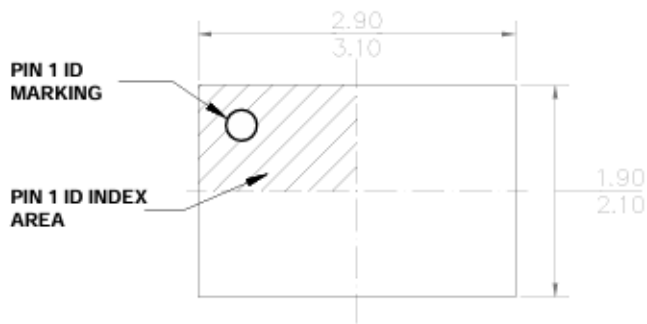




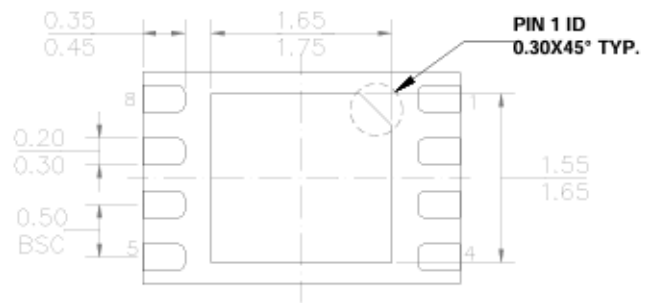


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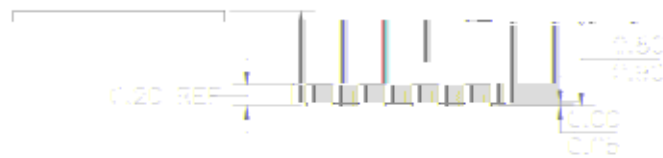
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TOP VIEW



BOTTOM VIEW



SIDE VIEW

IN MILLIMETERS.
TOLERANCE SHALL BE 0.08

MO-220

NOTE:

- 1) ALL DIMENSIONS ARE IN MILLIMETERS.
- 2) LEAD COPLANARITY SHALL BE 0.08 MAX.
- 3) JEDEC REFERENCE IS MO-220.

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