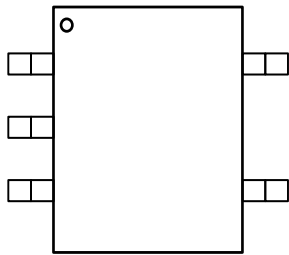


1.7V-6V Vin, 500mA, 8uA I_Q, Low-Dropout Regulator

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(1)

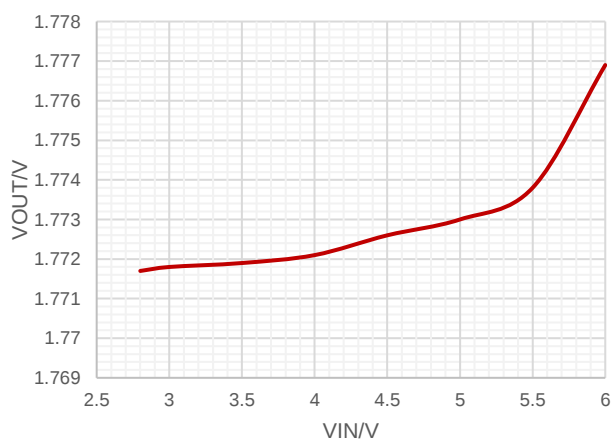
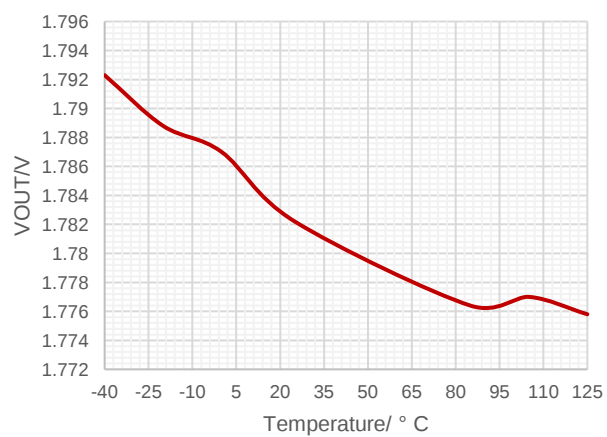
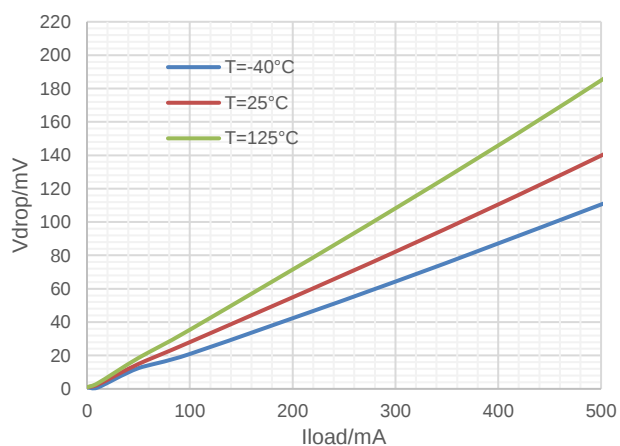
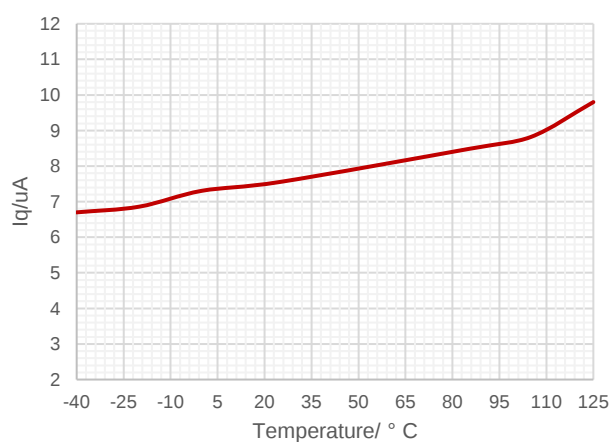
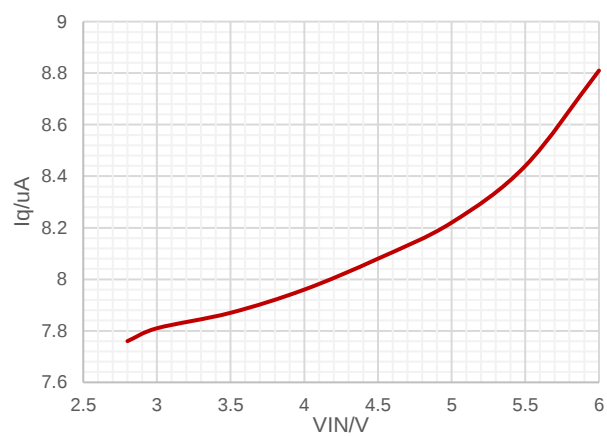
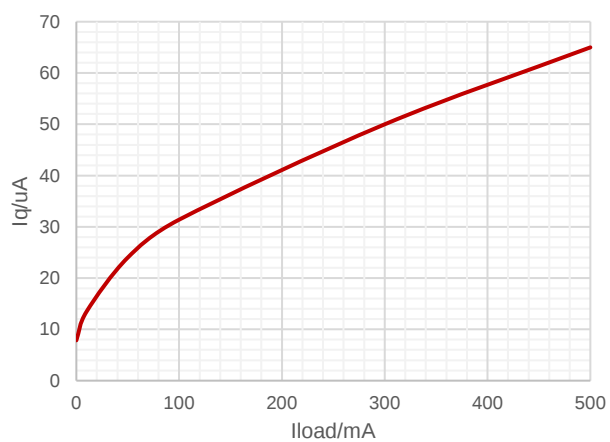
(2)

(1)

(2)

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- (1)
- (2)
- (3)



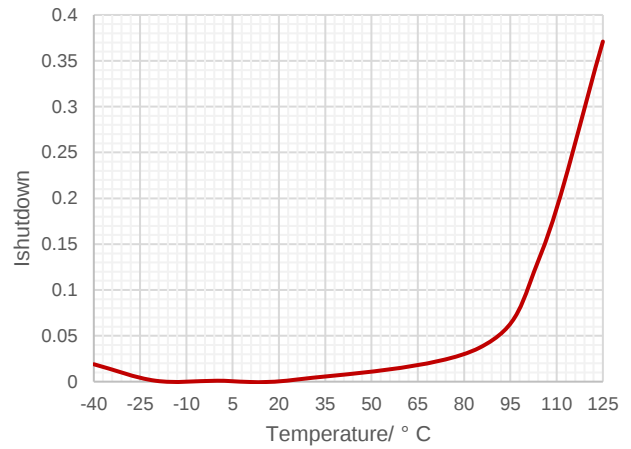
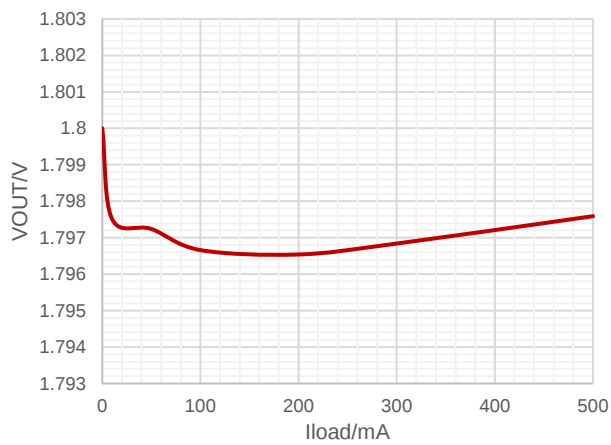


Figure 8. Shutdown Current vs Ambient Temperature

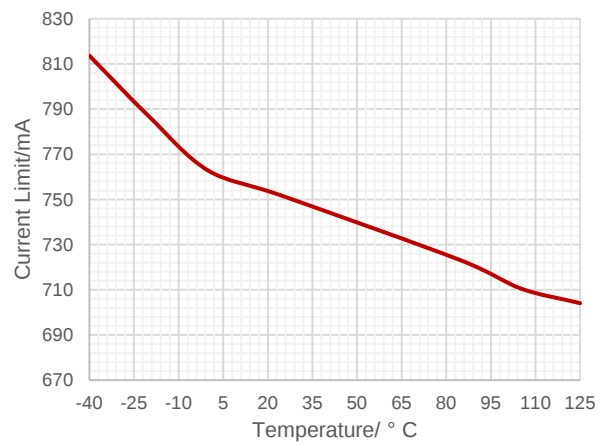


Figure 9. Output Current Limit vs Ambient Temperature

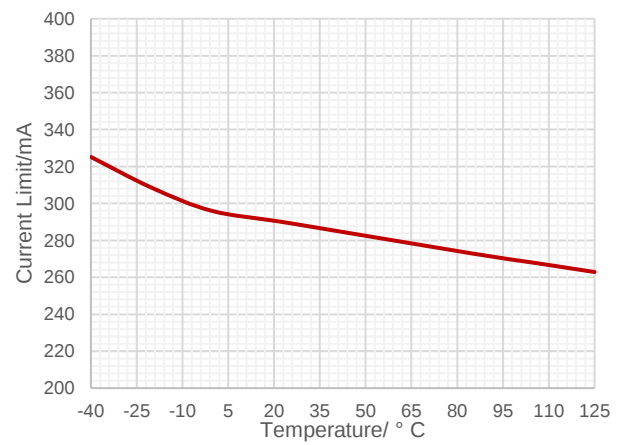
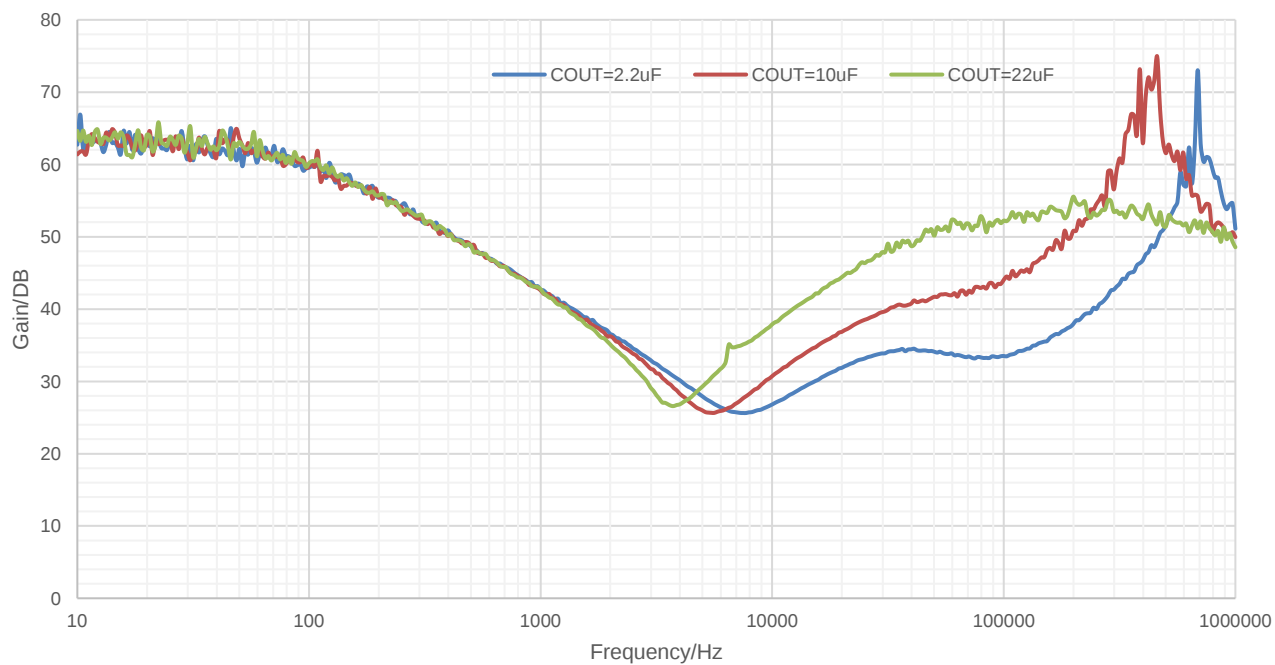
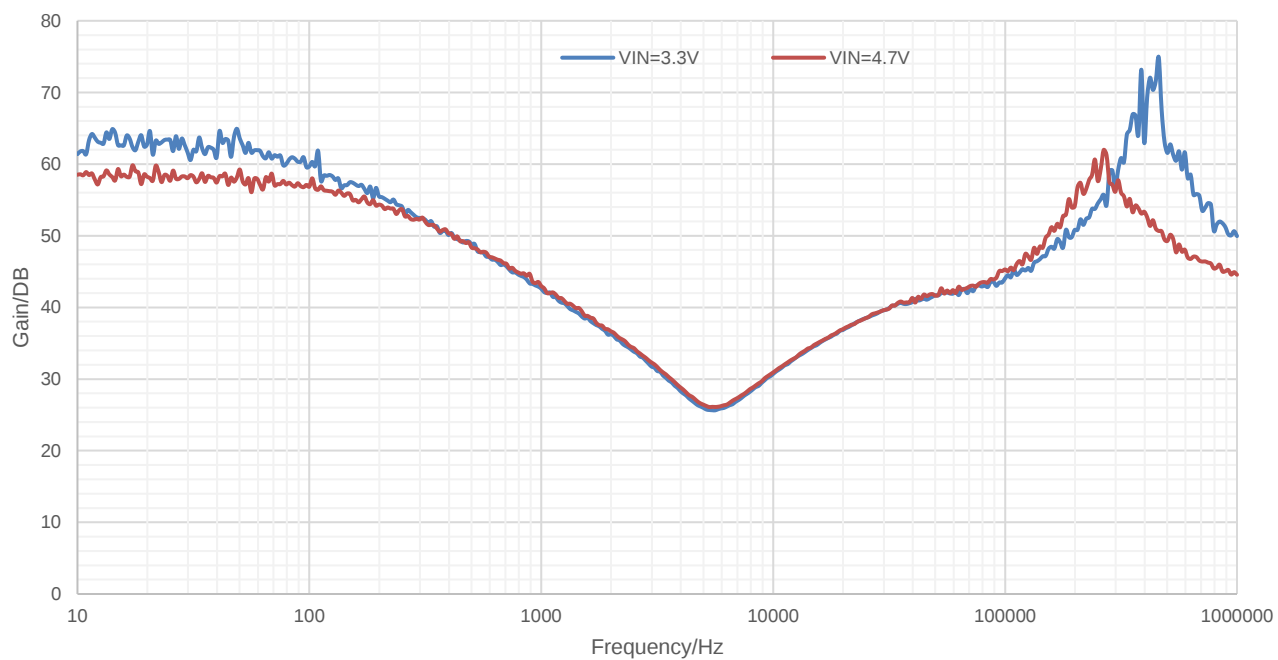
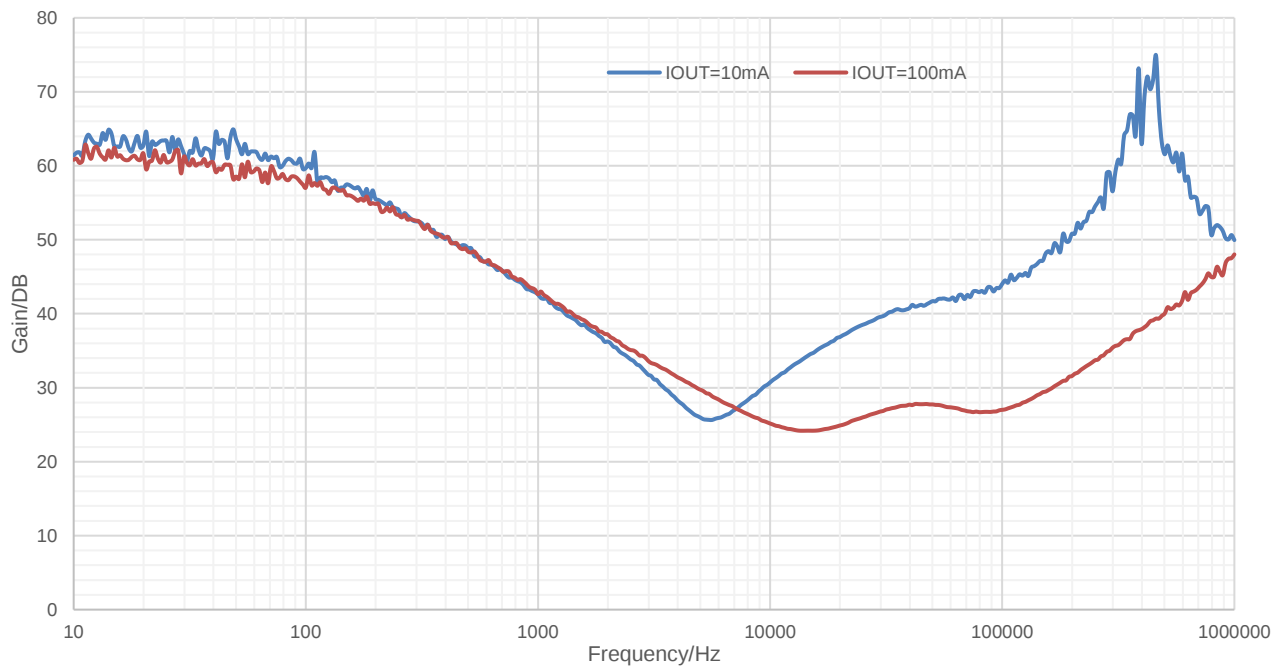
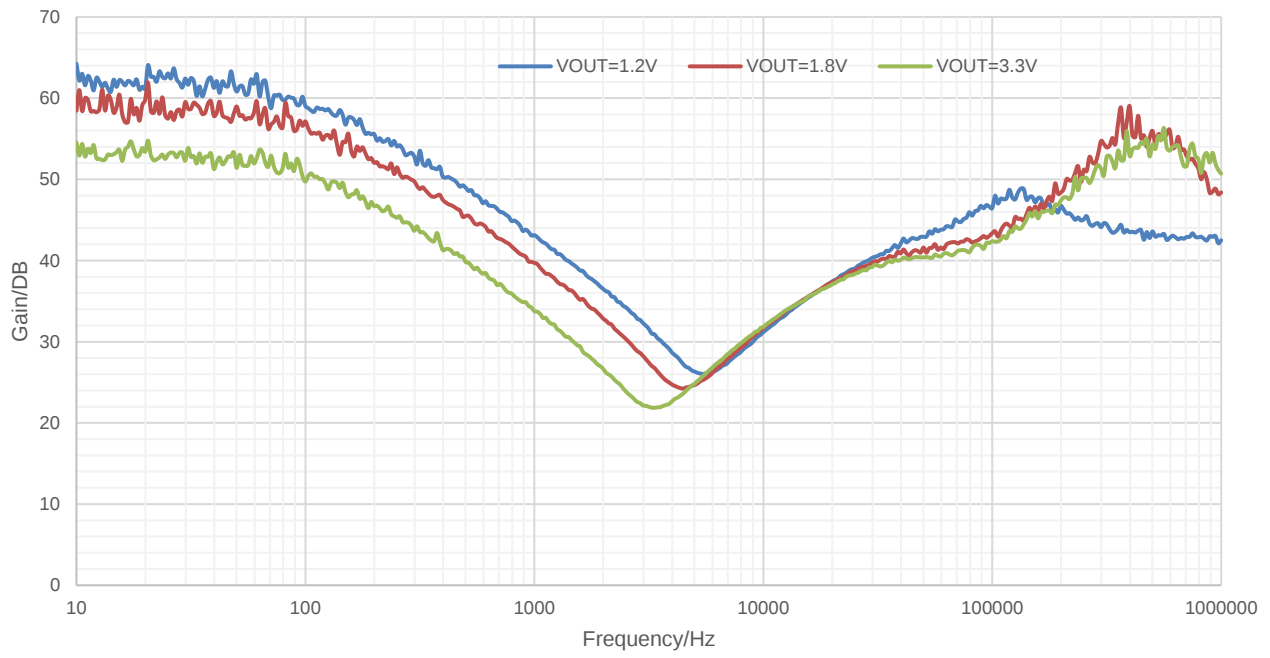
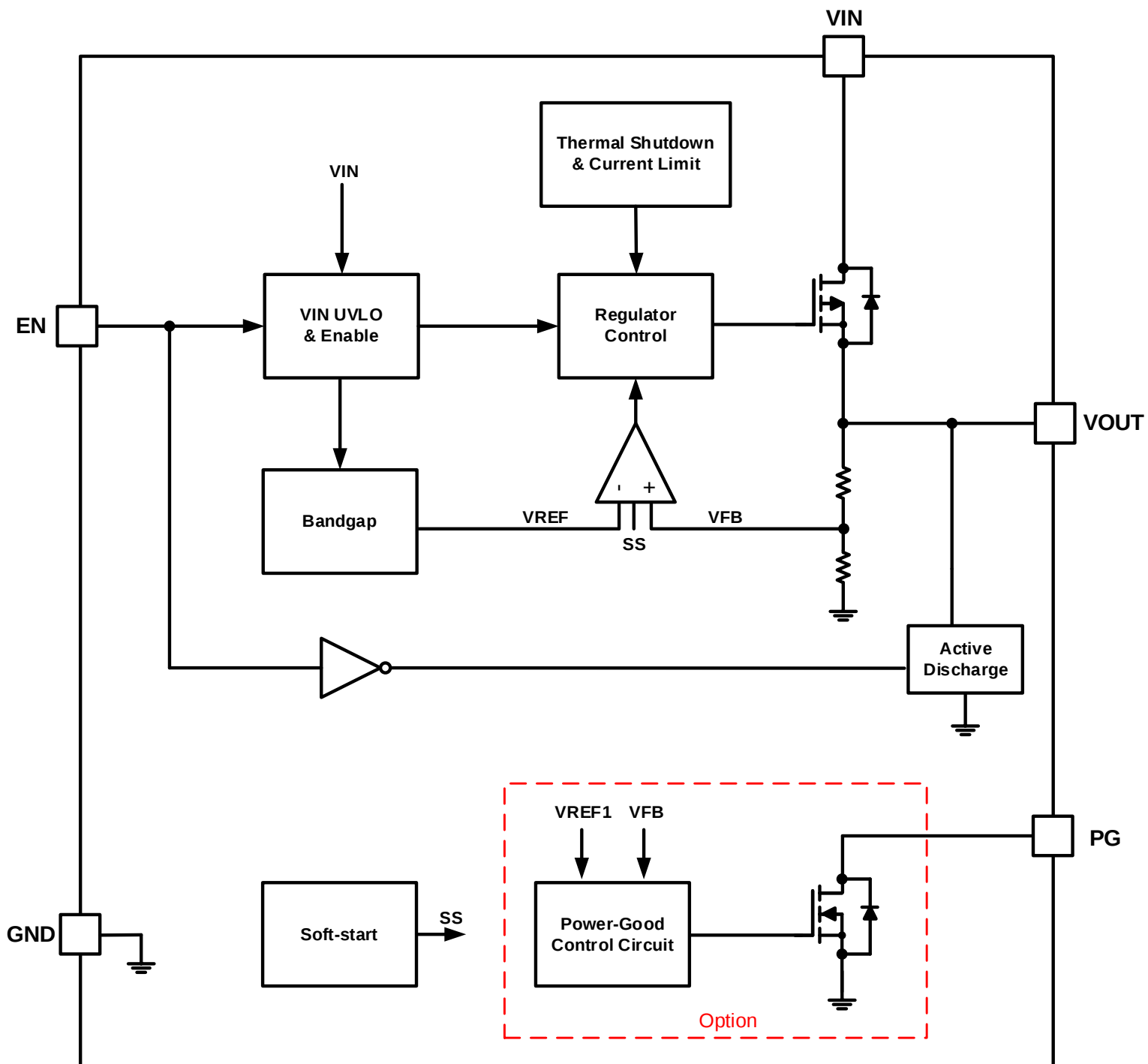
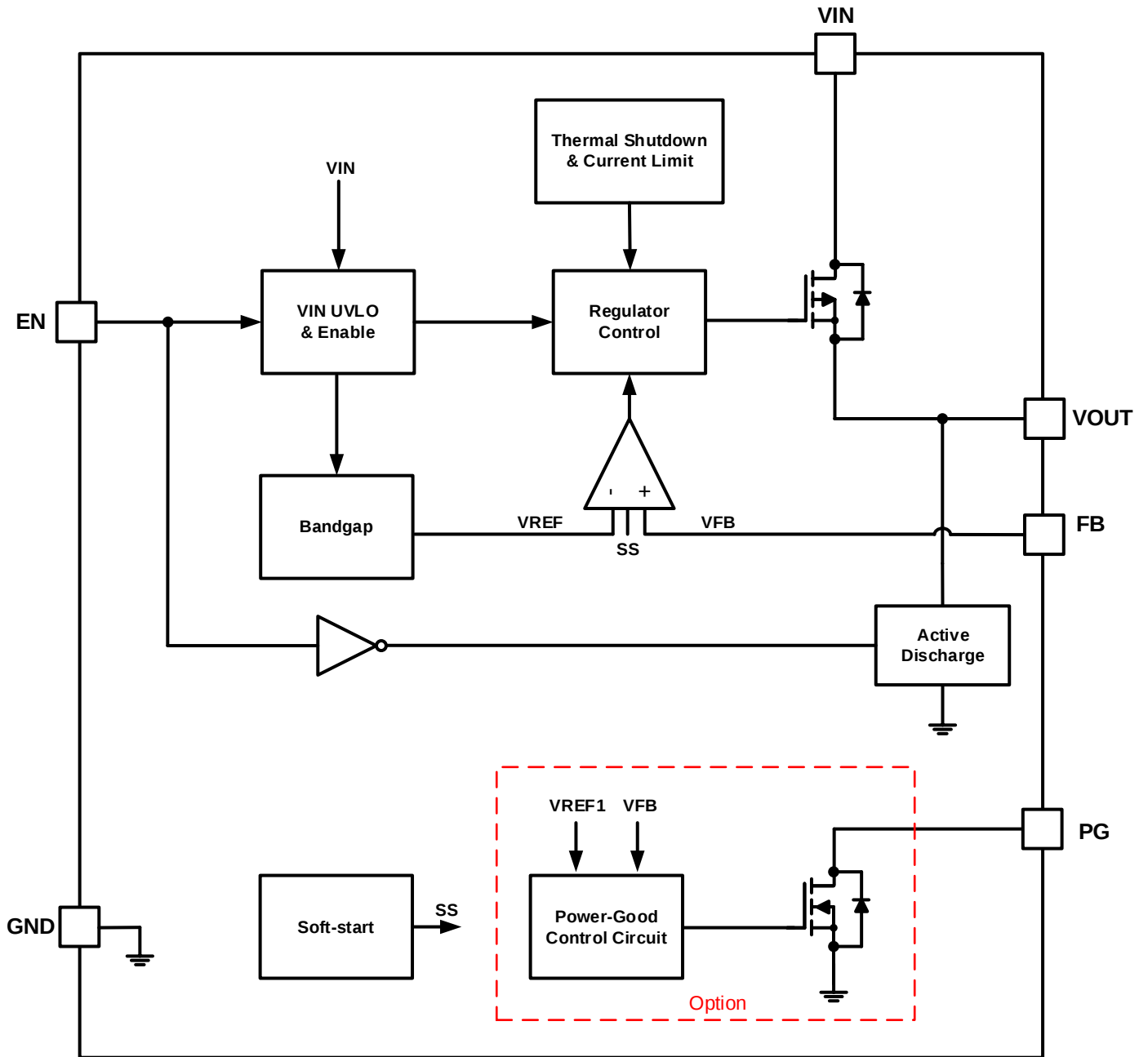


Figure 10. Short Current Limit vs Ambient Temperature

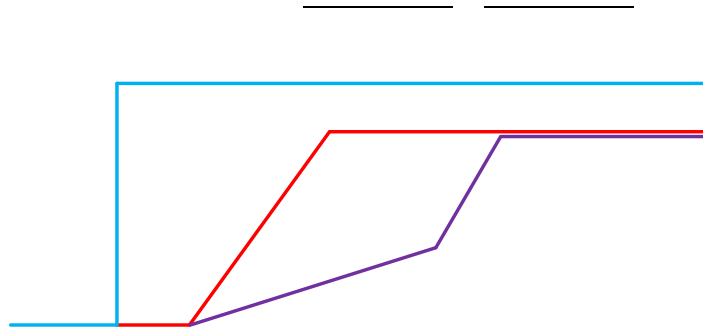
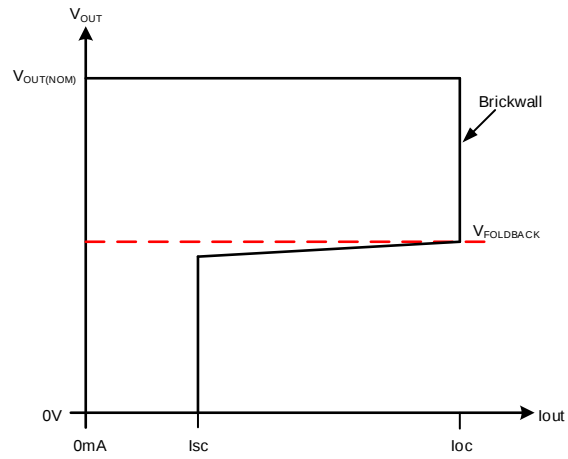


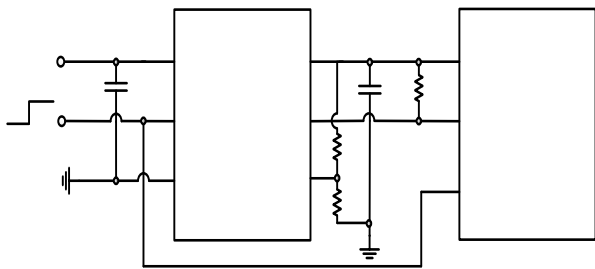




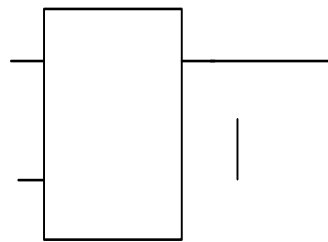


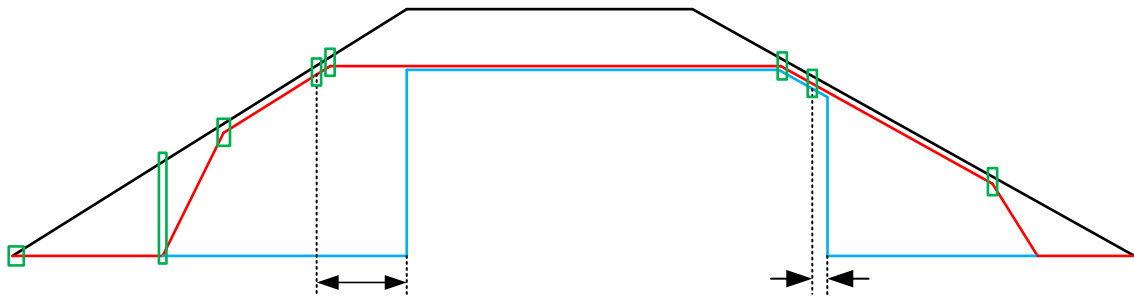
The SCT71005Q product provide adjustable output which can adjust the output voltage from 0.5V to 5V.

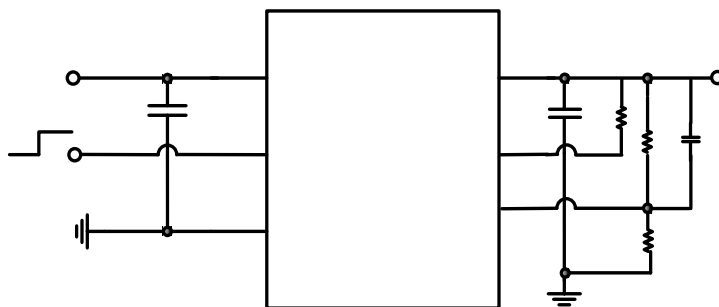


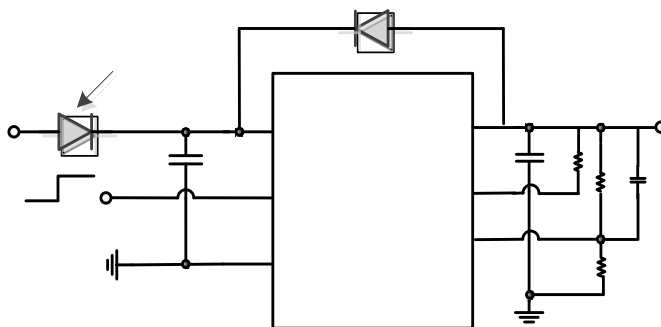


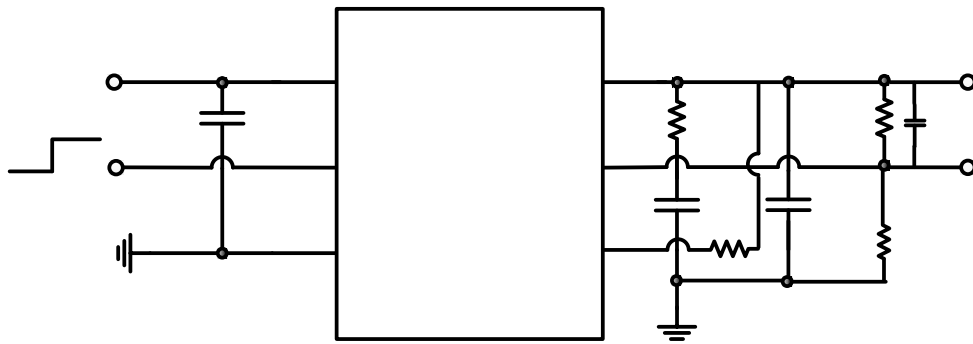
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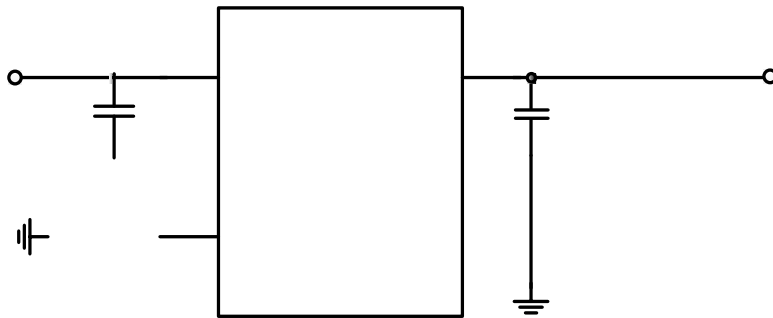




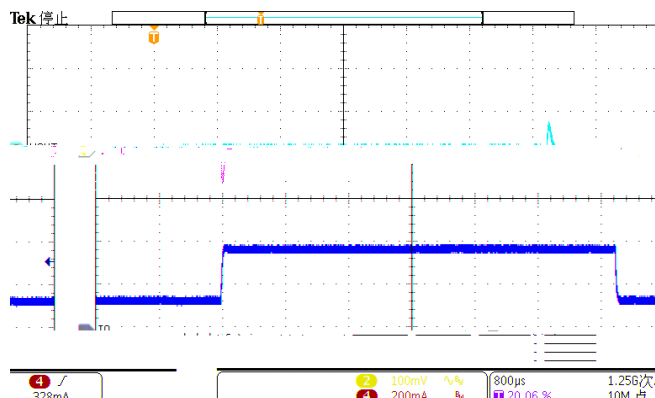
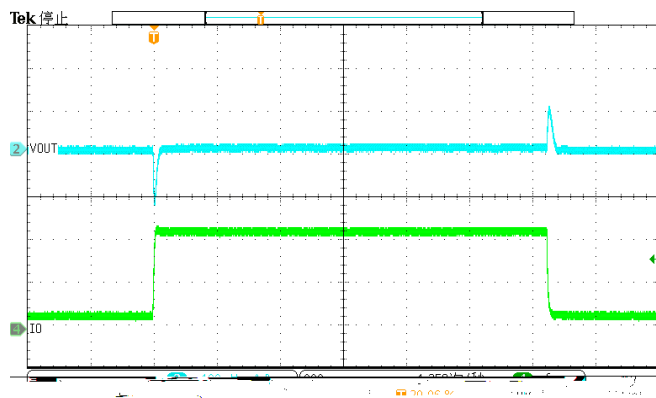
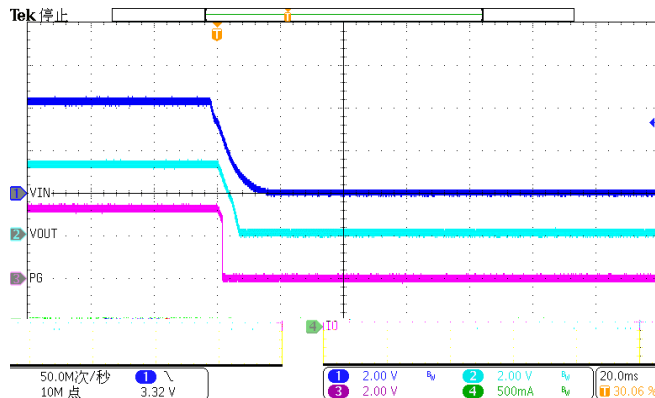
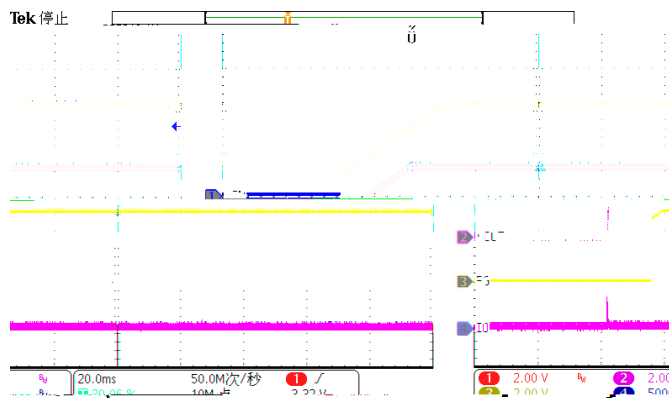
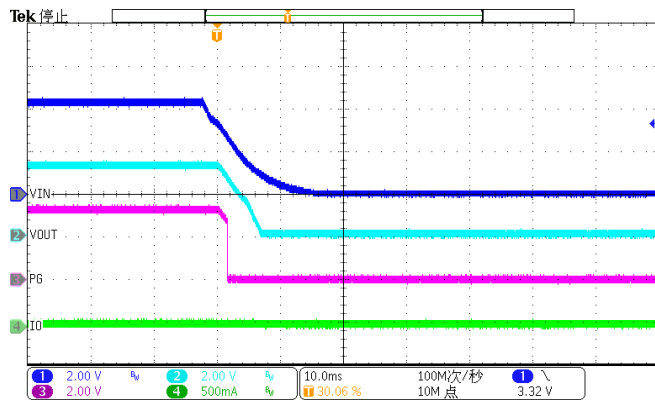
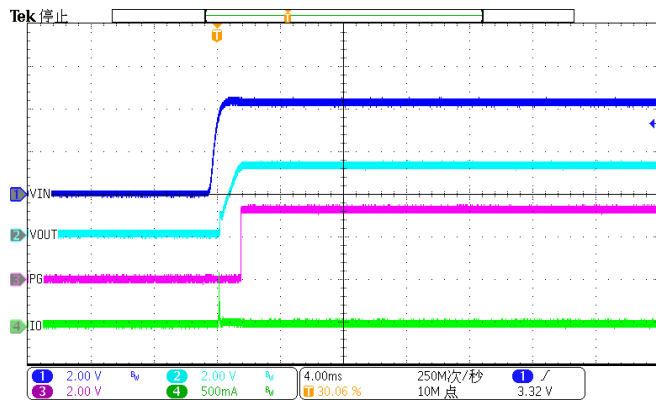


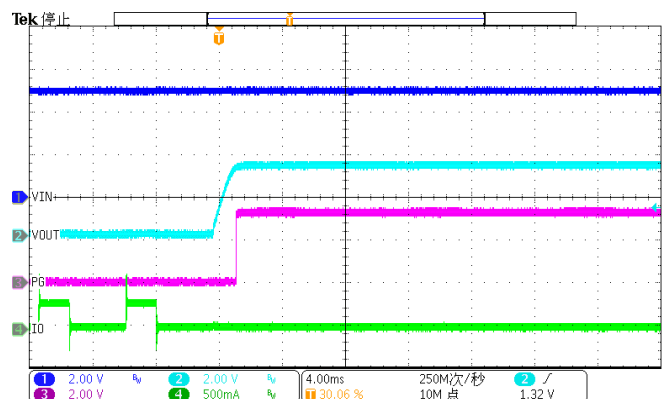
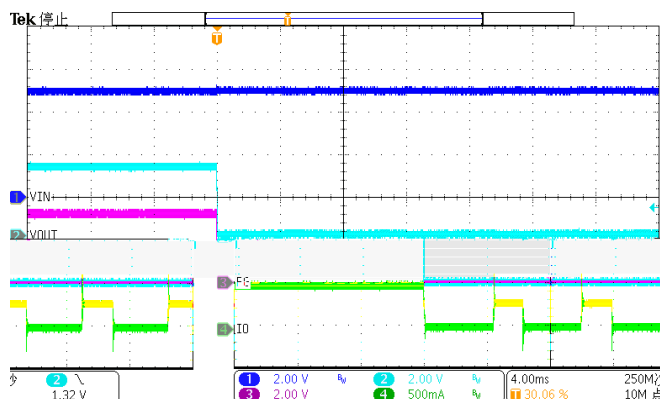
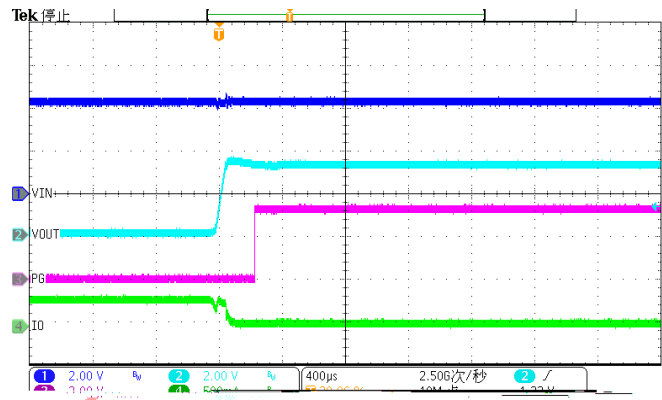
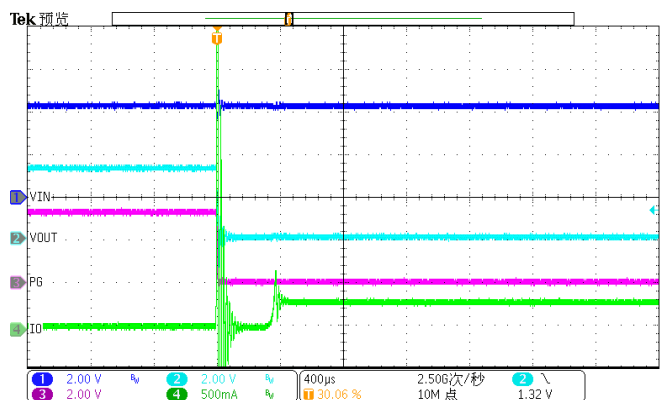
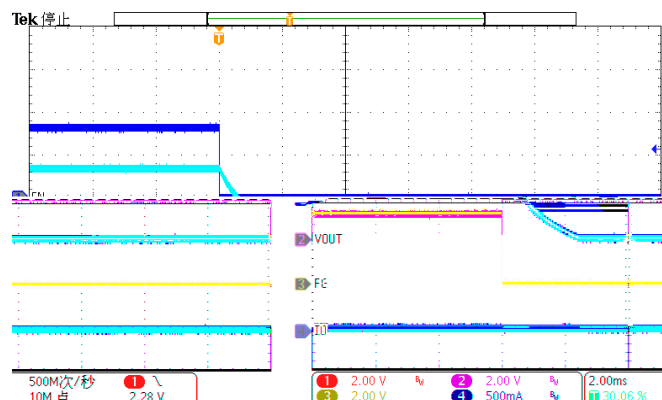
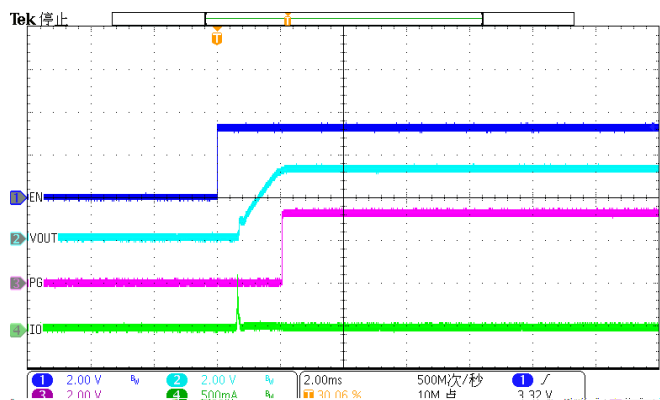


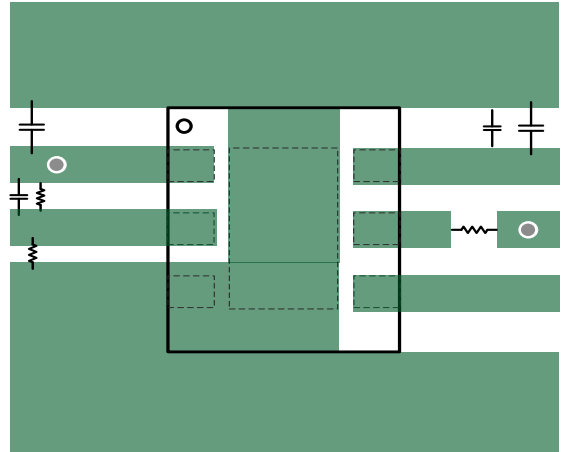
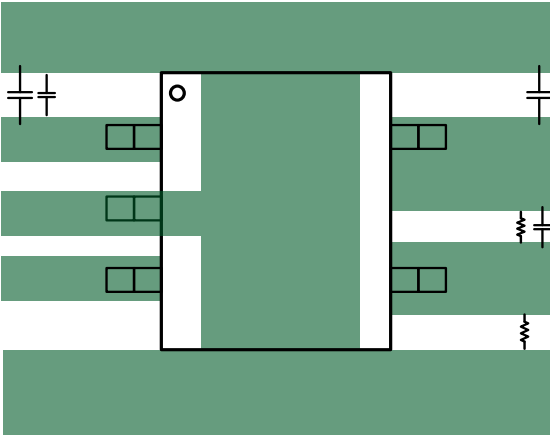


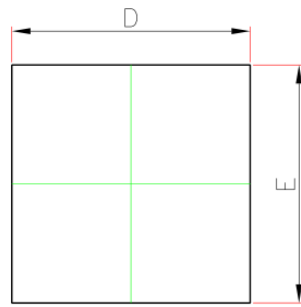


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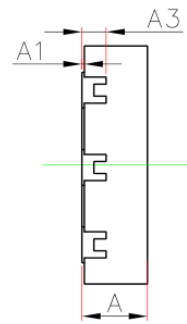




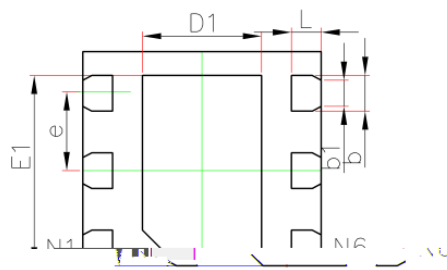




TOP VIEW



SIDE VIEW



BOTTOM VIEW

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

[illegible]

