

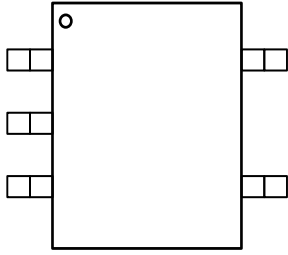
1.7V-6V Vin, 500mA, 8uA I_Q, Low-Dropout Regulator

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(1)

(2)

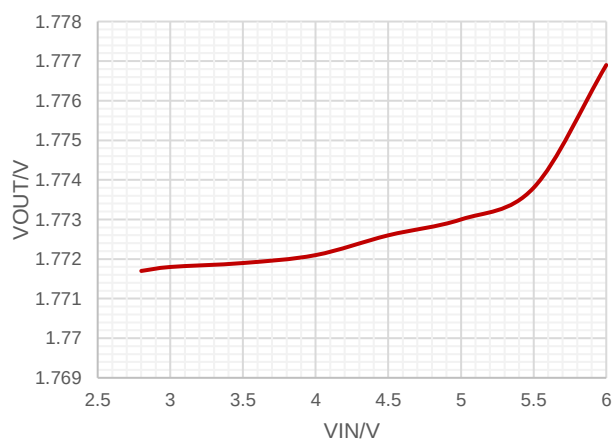
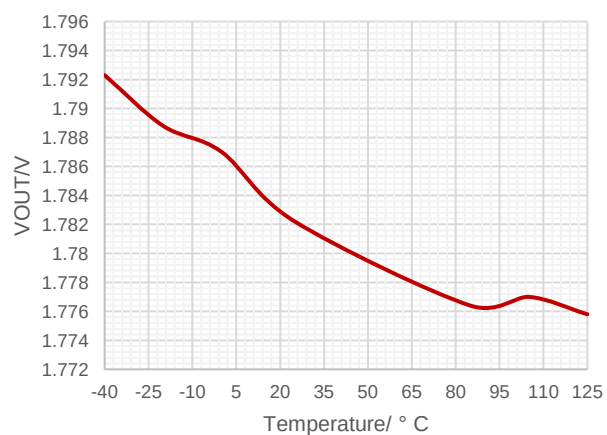
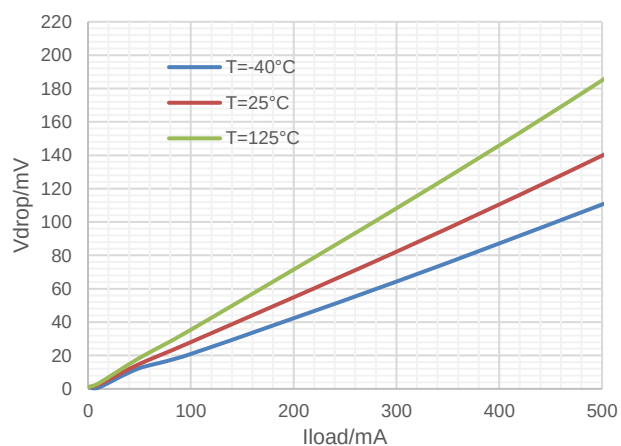
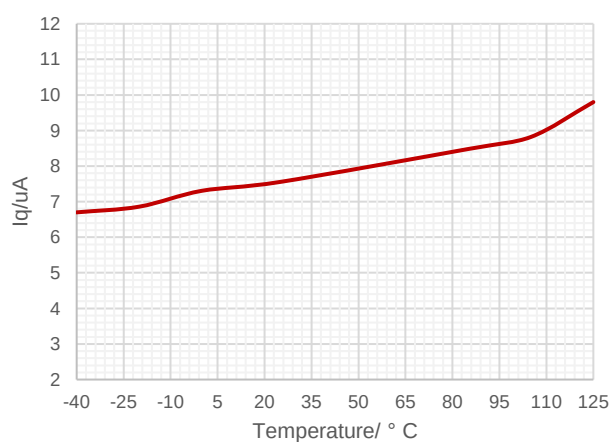
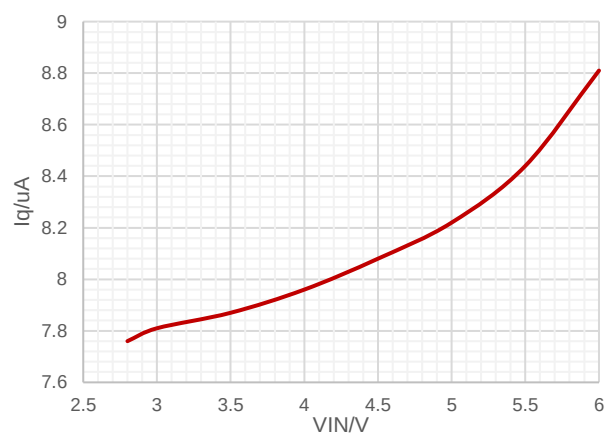
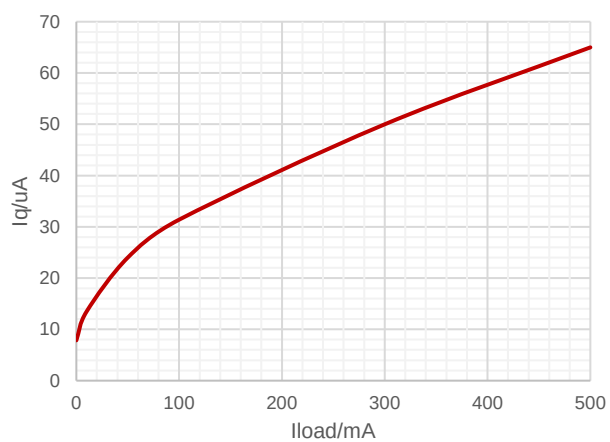
(1)

(2)

- (1)
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- (3)

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



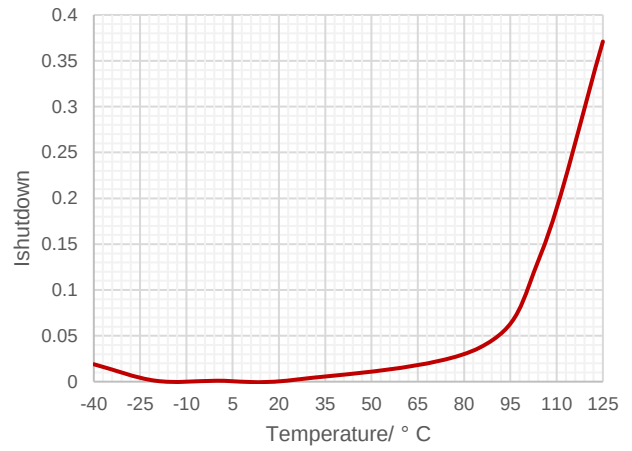
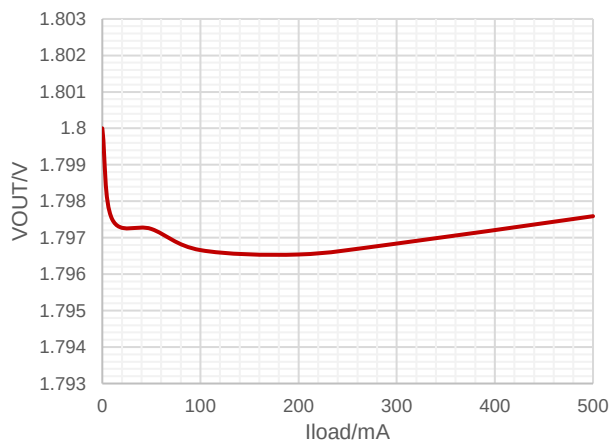


Figure 8. Shutdown Current vs Ambient Temperature

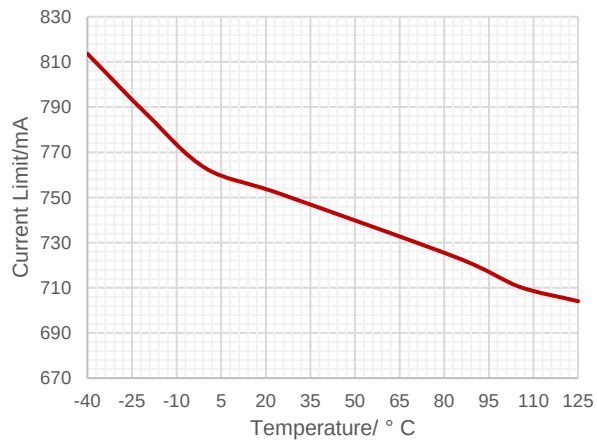


Figure 9. Output Current Limit vs Ambient Temperature

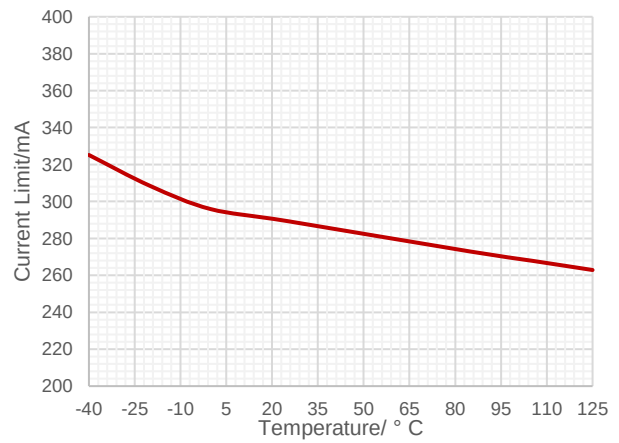
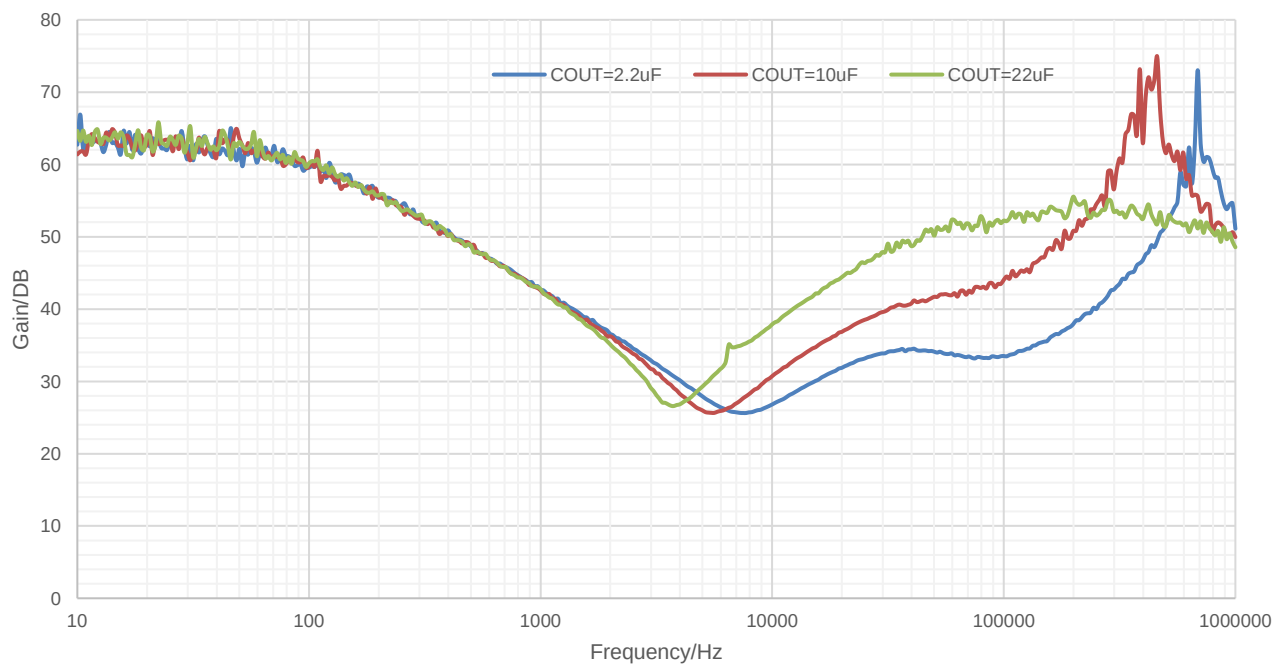
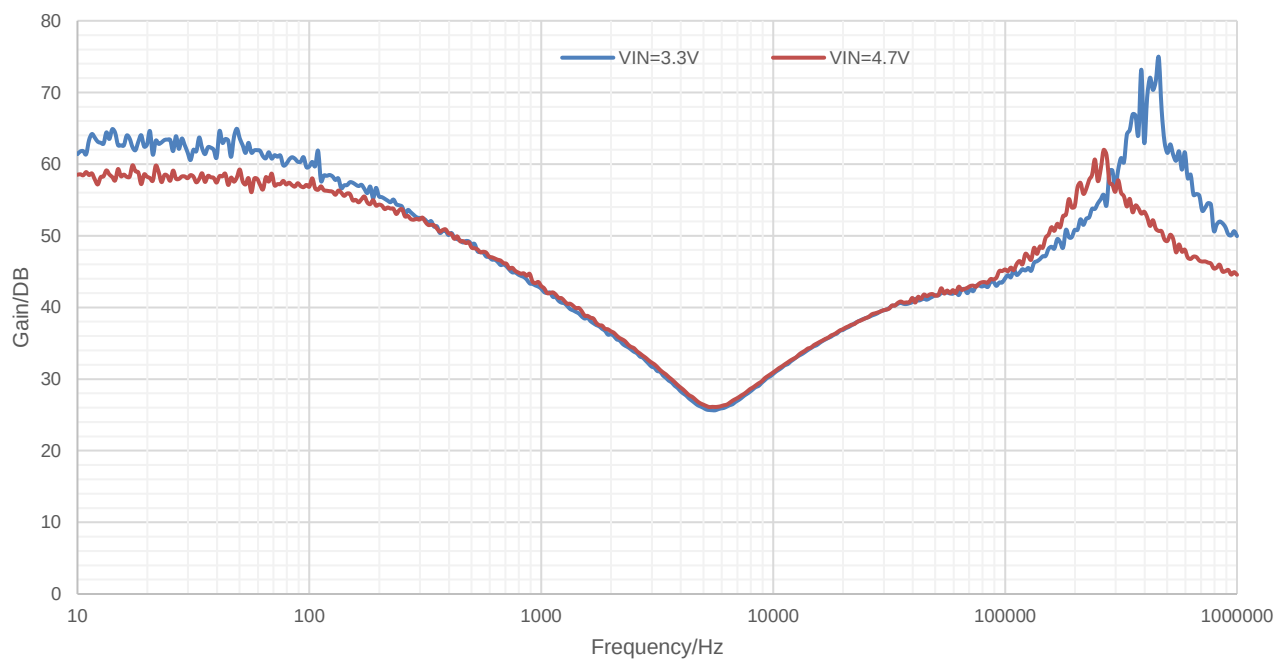
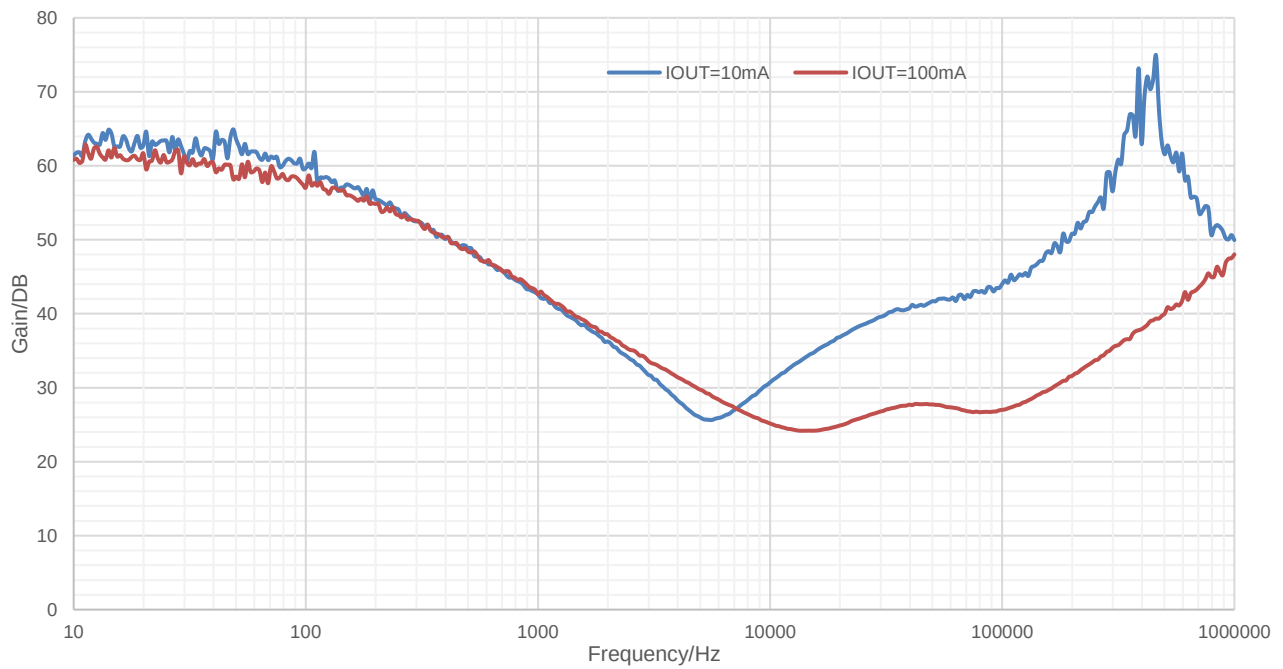
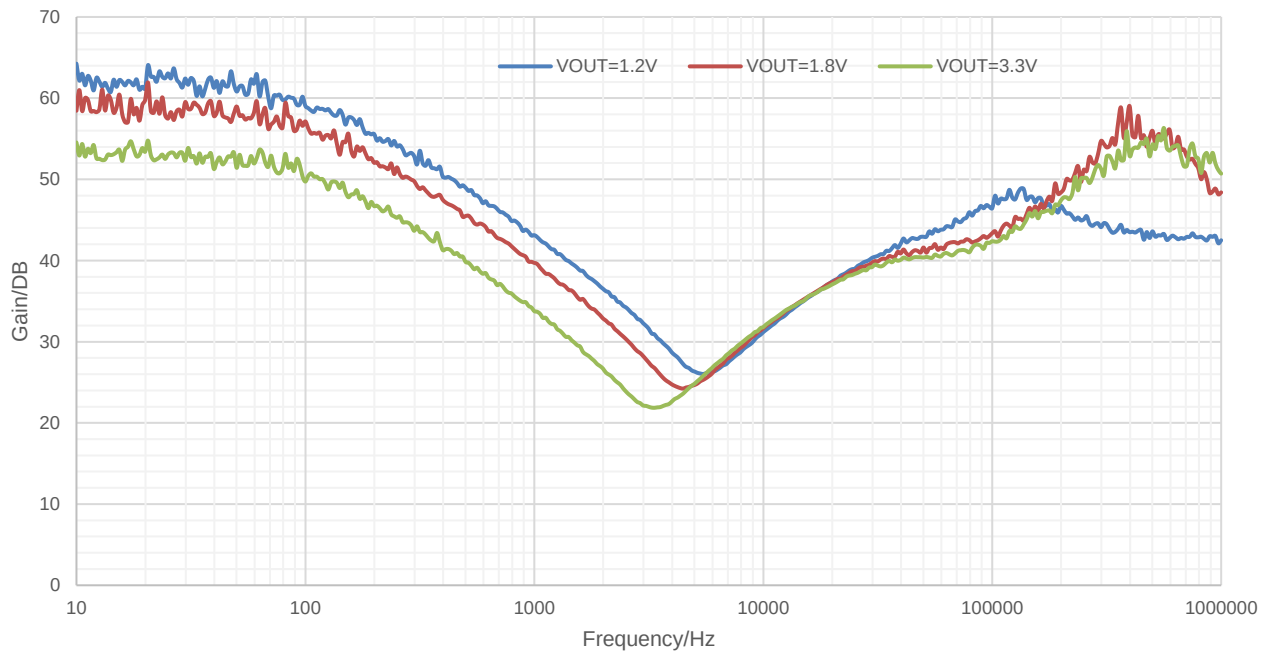
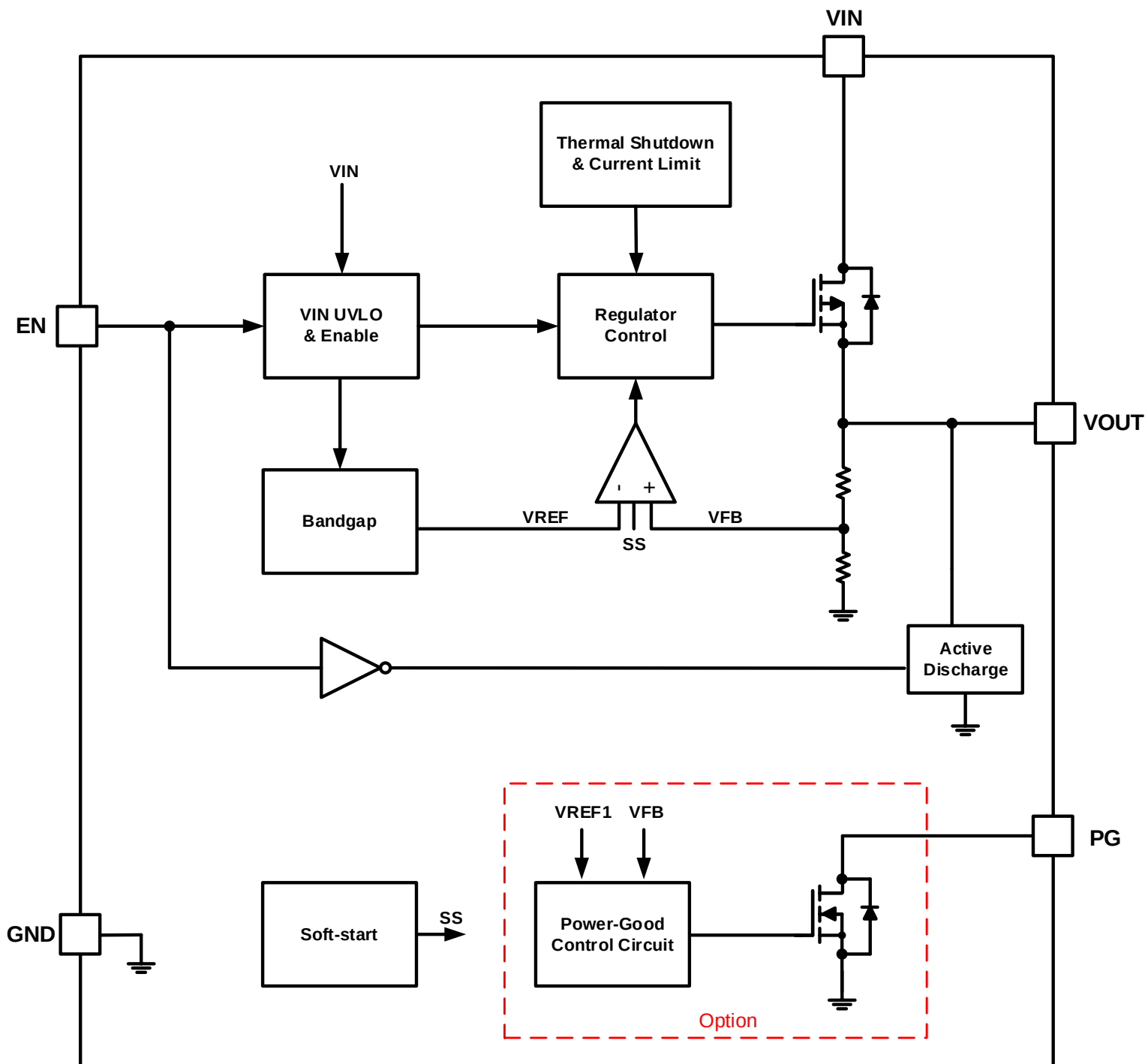
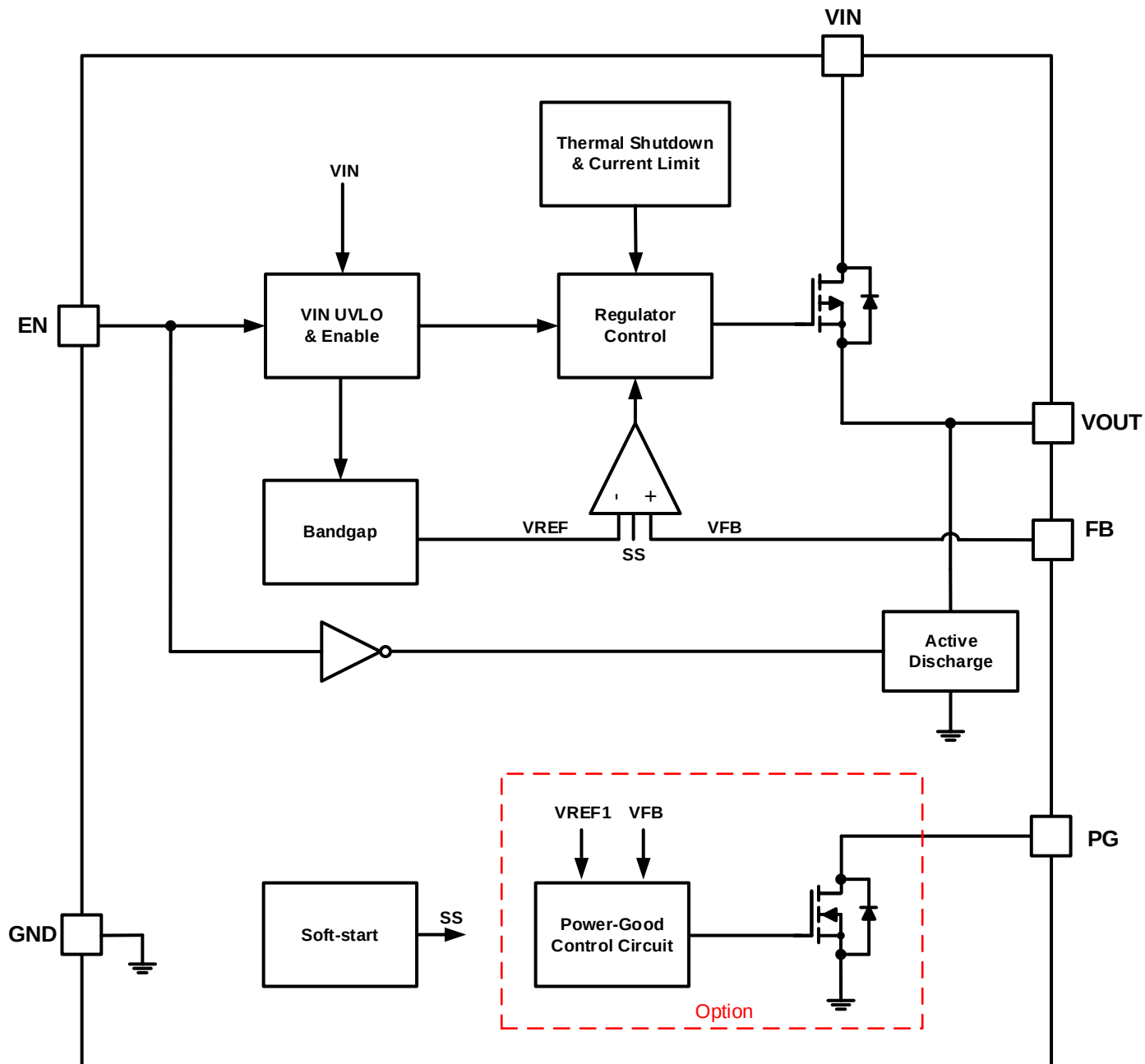


Figure 10. Short Current Limit vs Ambient Temperature

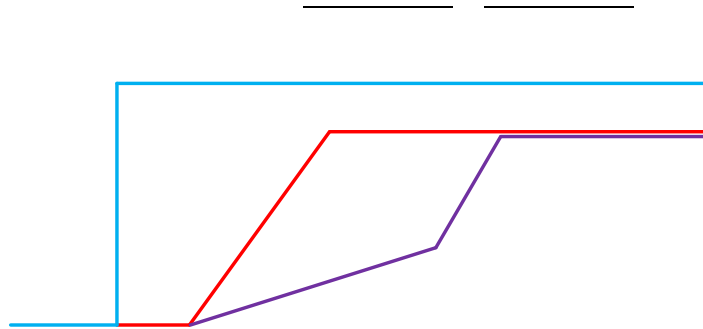
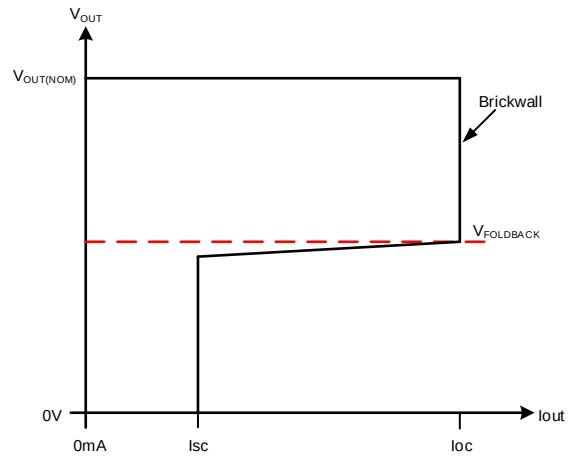


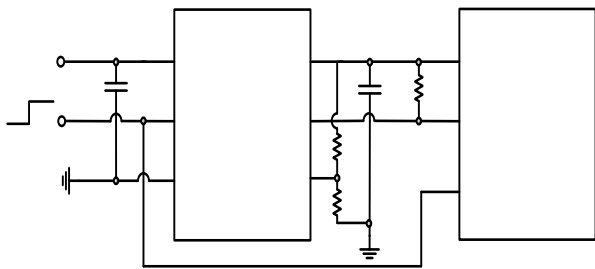




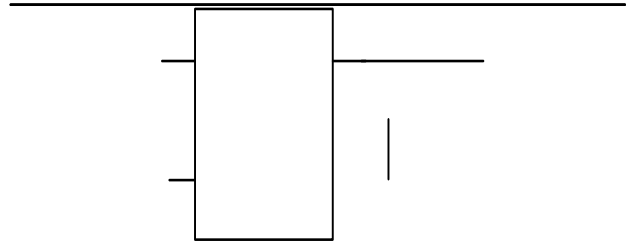


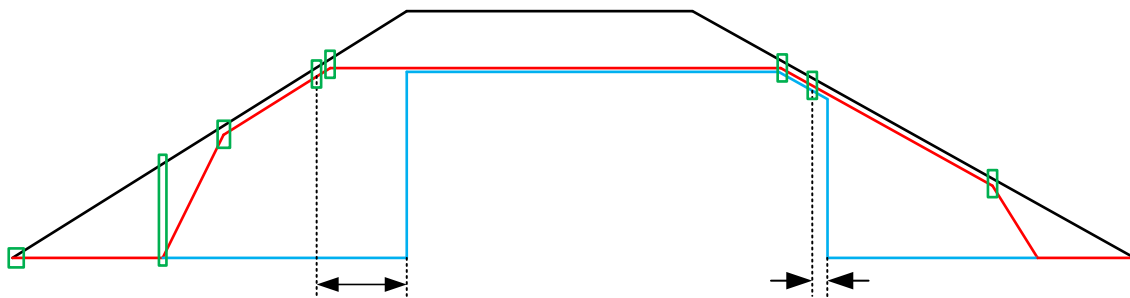
The SCT71005Q product provide adjustable output which can adjust the output voltage from 0.5V to 5V.

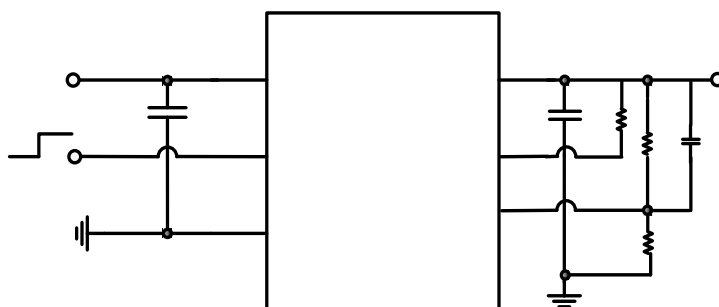


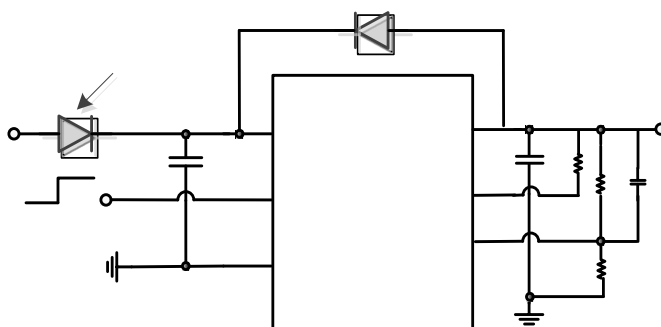


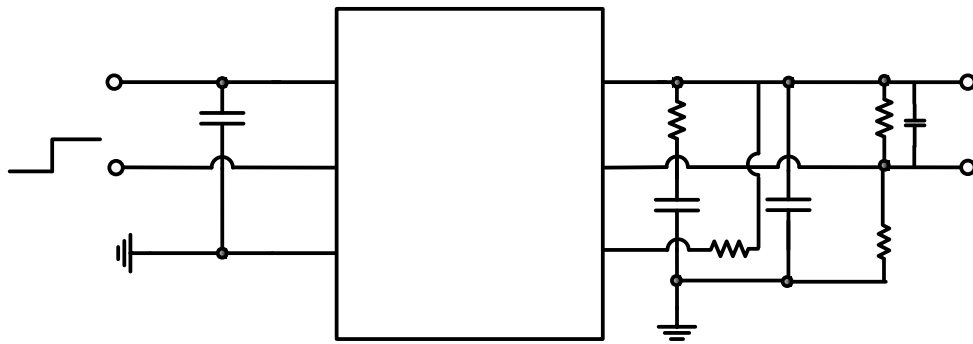
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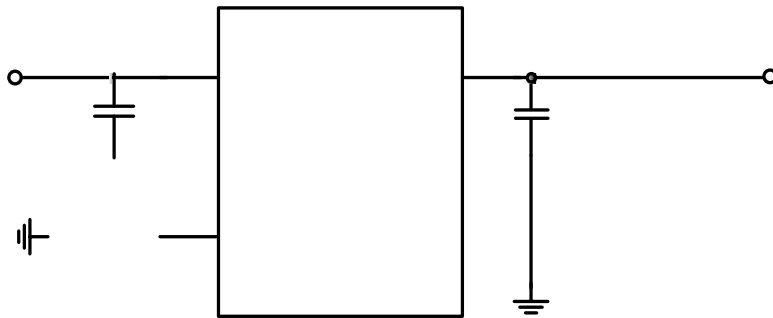




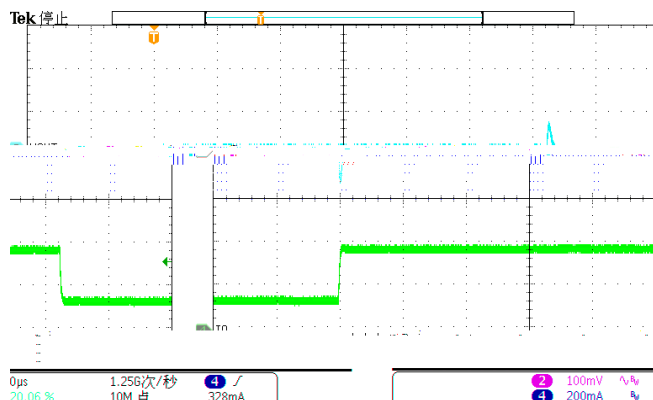
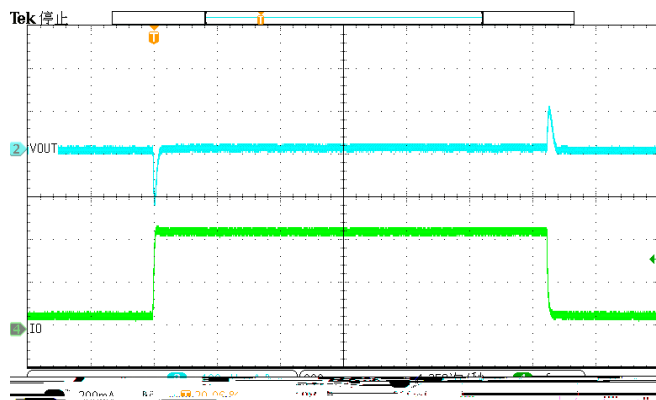
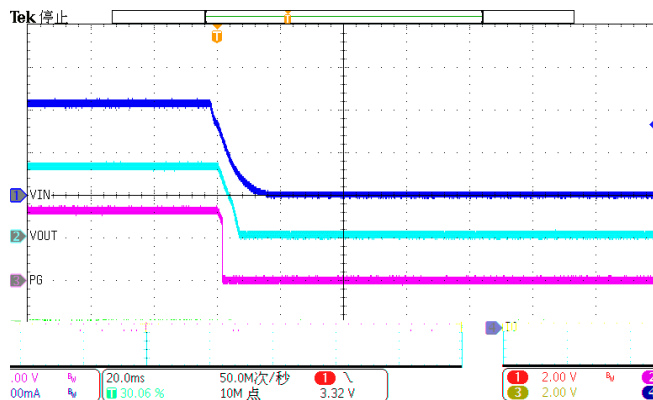
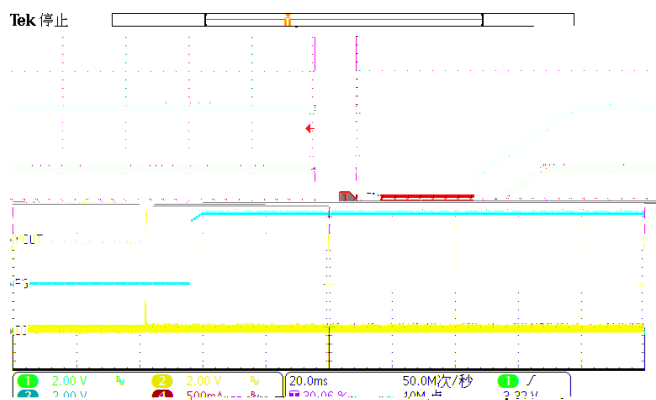
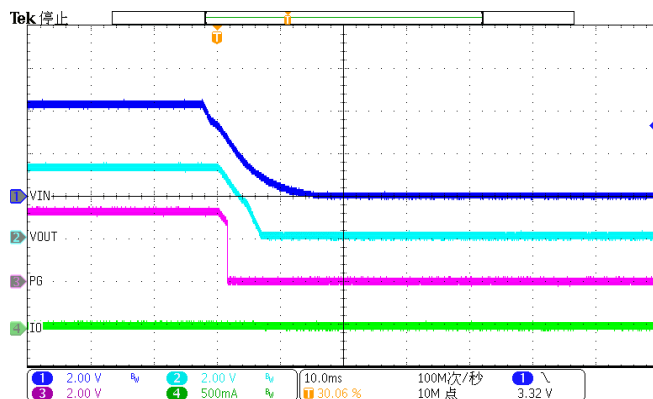
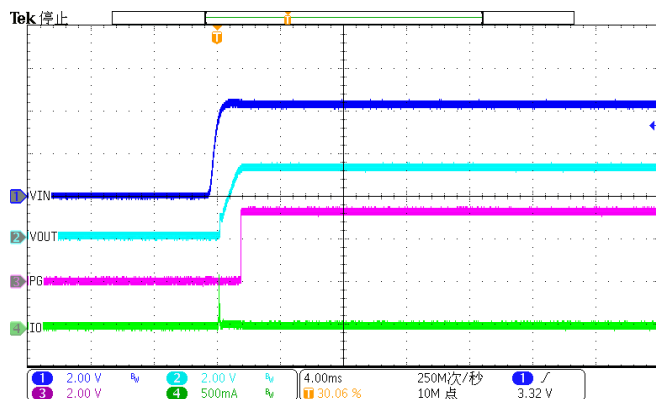


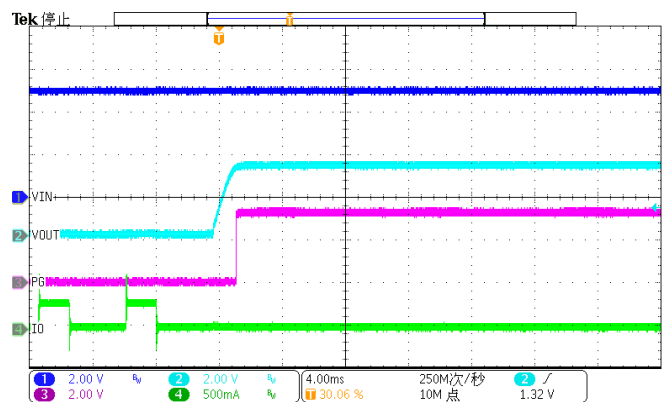
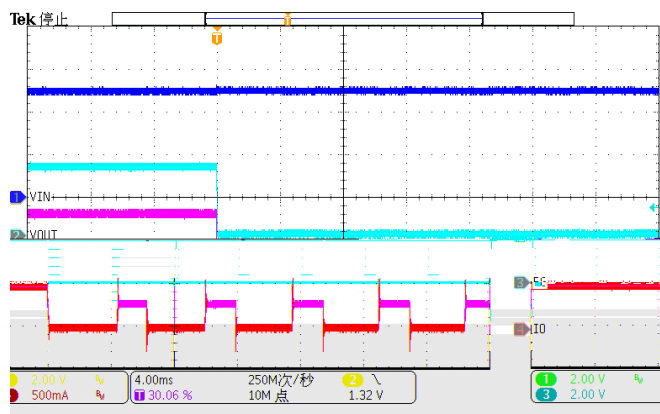
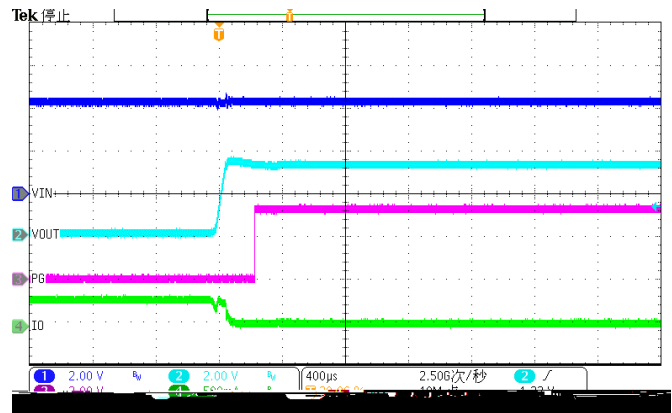
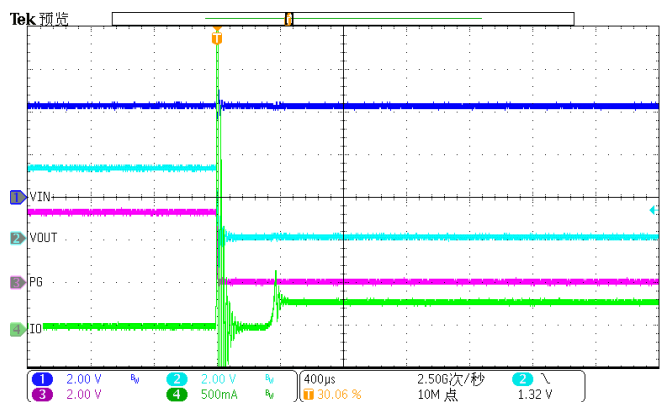
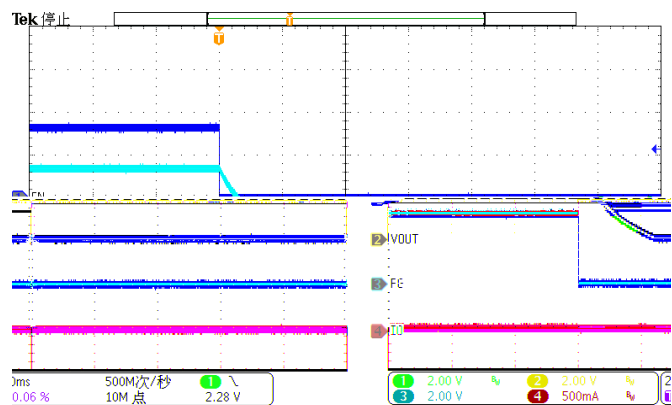
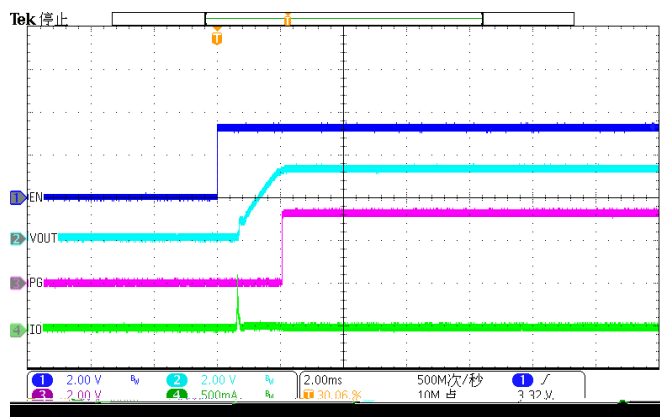


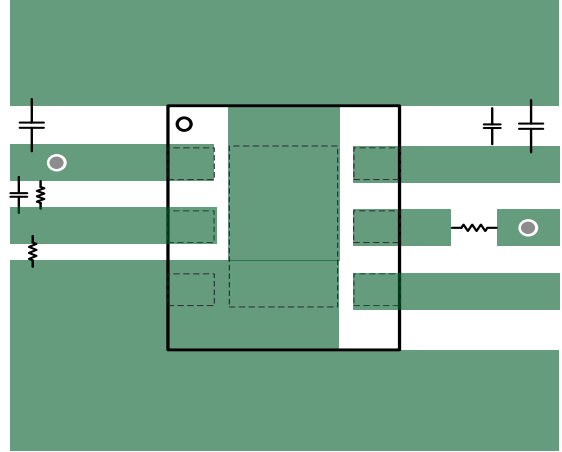
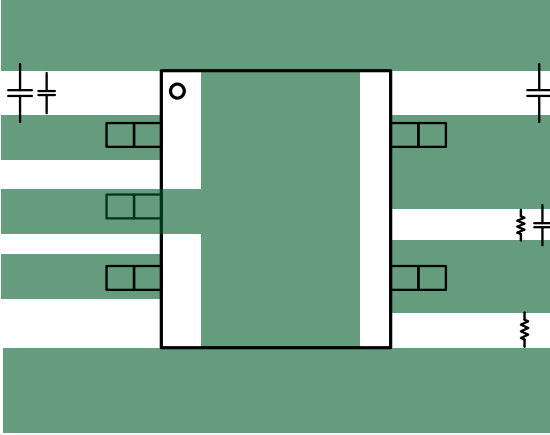


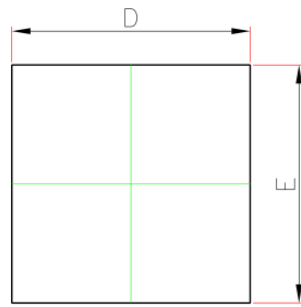


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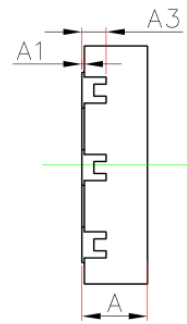




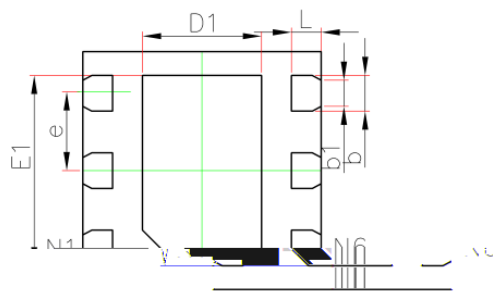




TOP VIEW

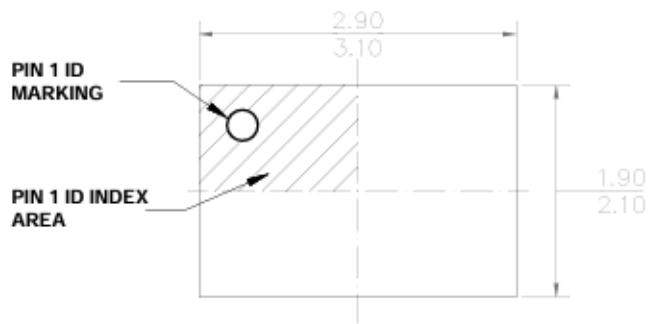


SIDE VIEW

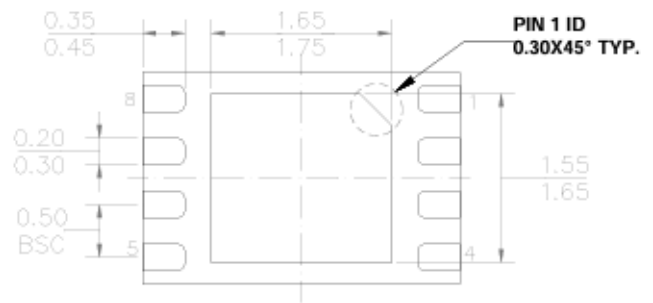


BOTTOM VIEW

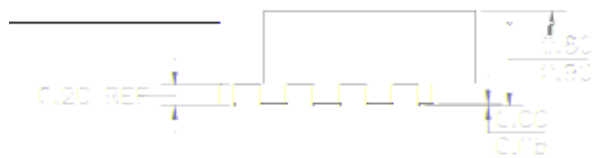
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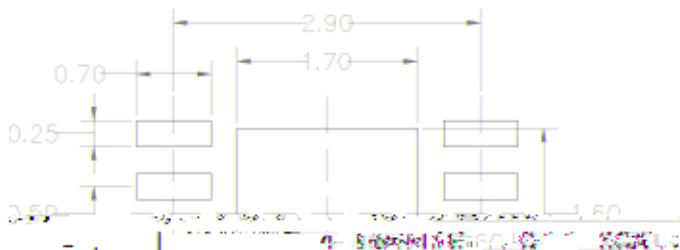
TOP VIEW



BOTTOM VIEW



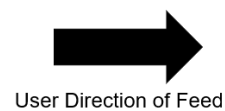
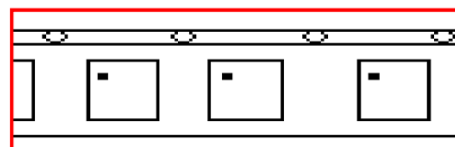
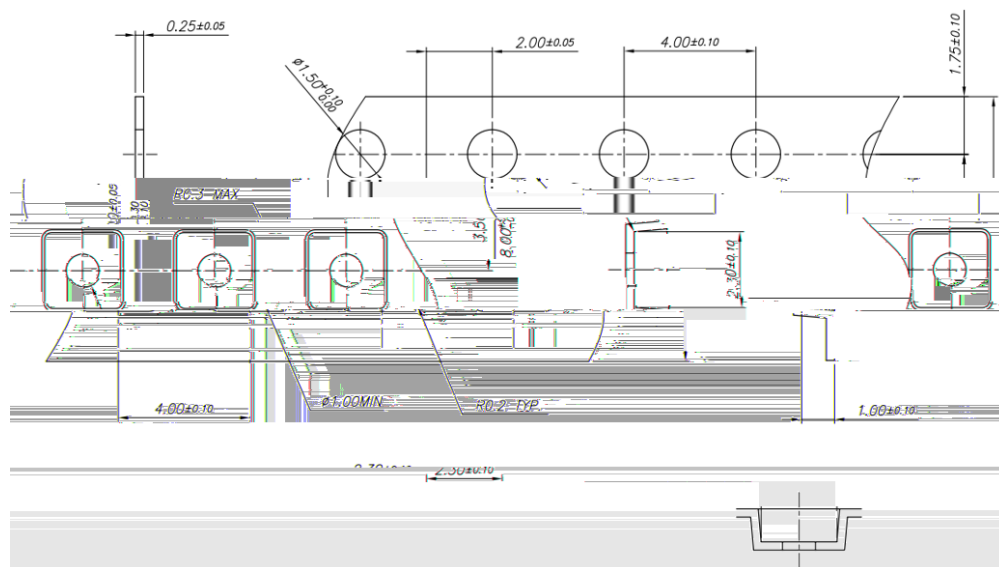
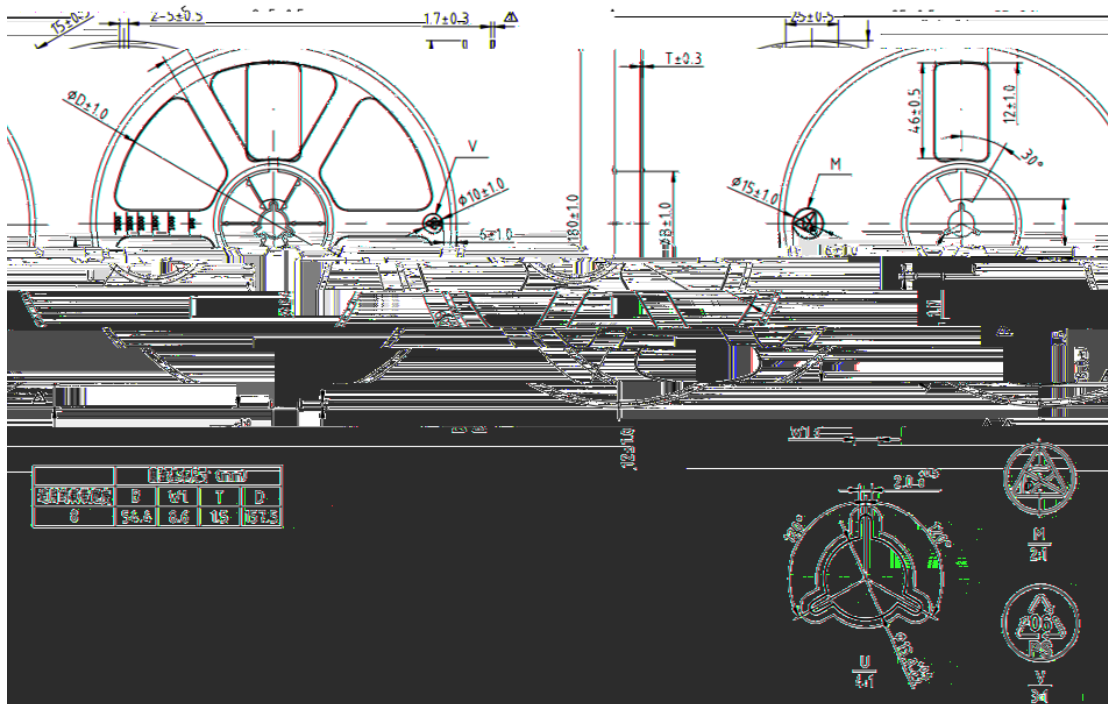
SIDE VIEW



NOTE:

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

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User Direction of Feed

