

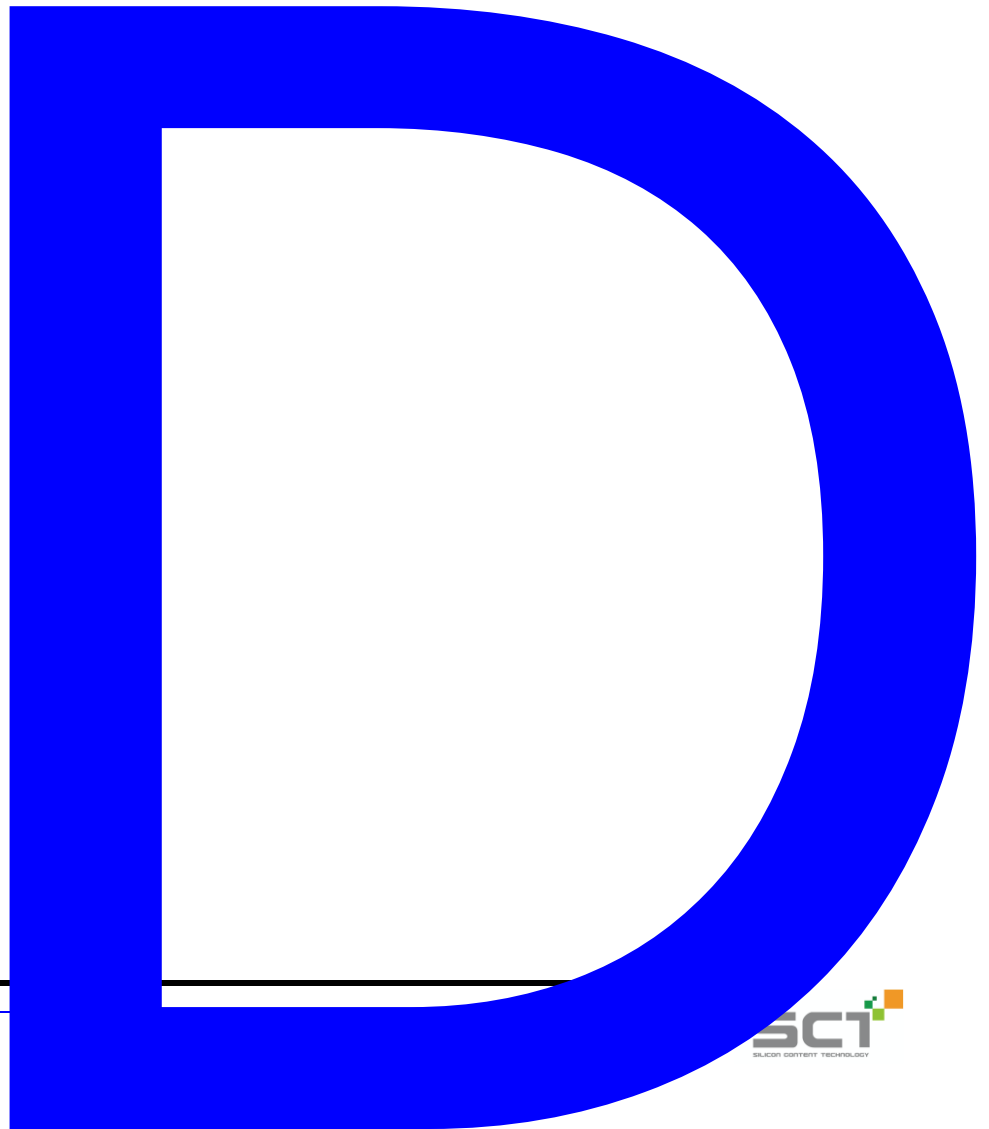
1.7V-6V Vin, 500mA, 8uA I_Q, Low-Dropout Regulator

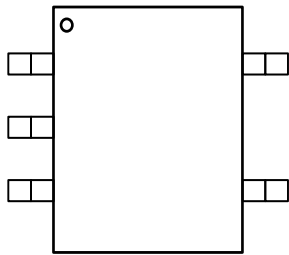
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HYLDQG WKH WKH





(1)

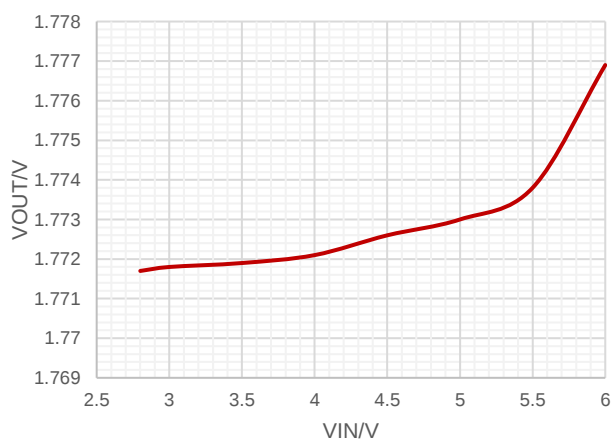
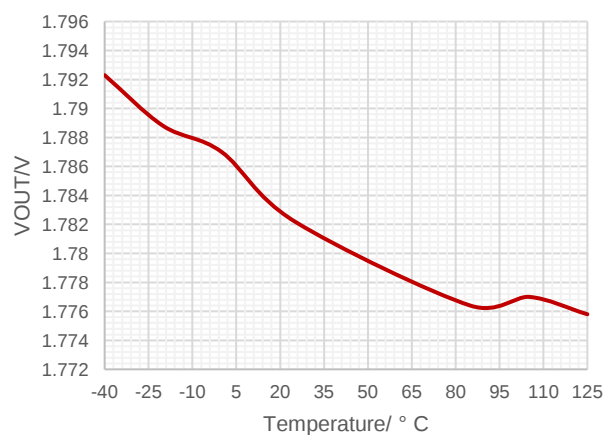
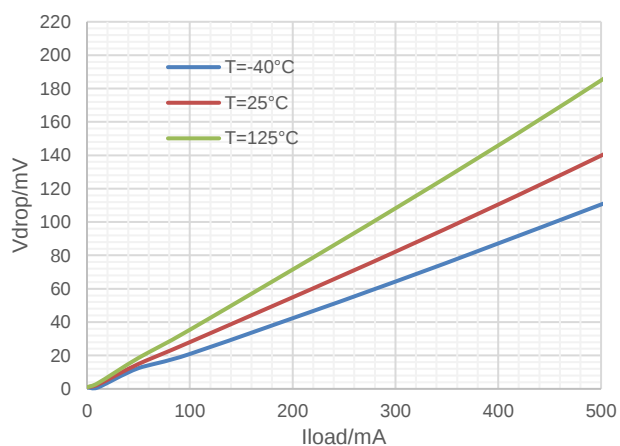
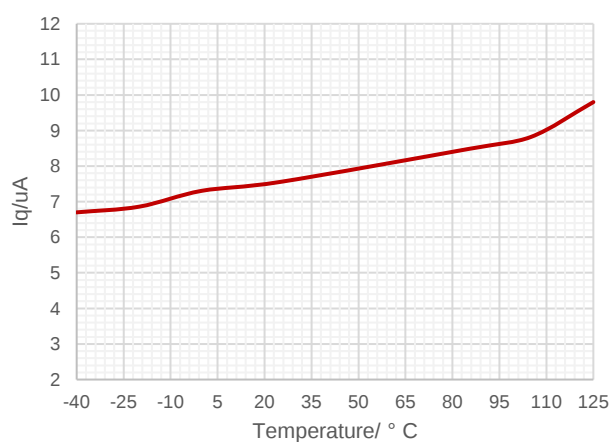
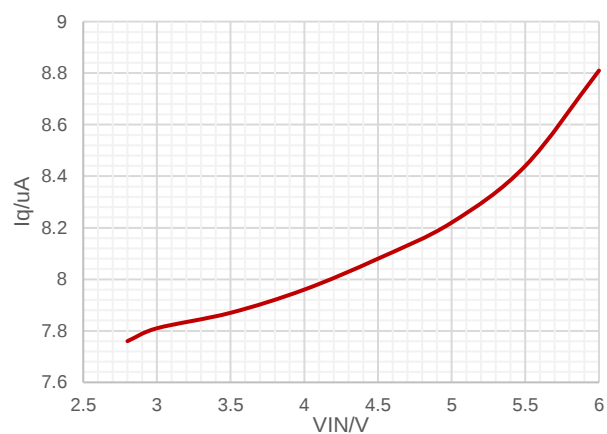
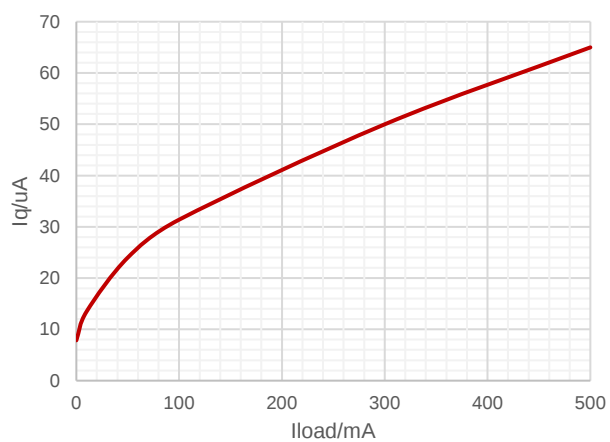
(2)

(1)

(2)

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



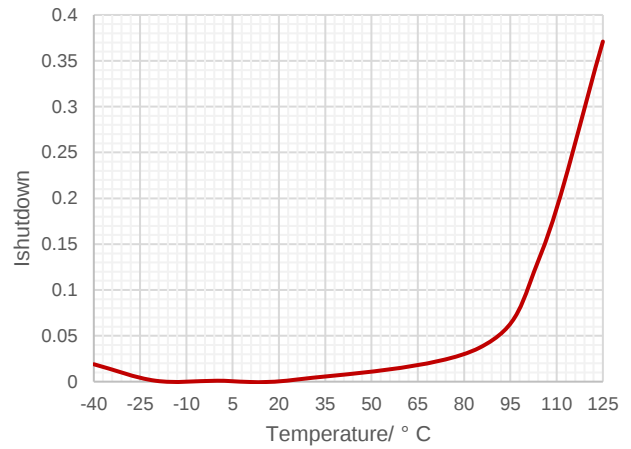
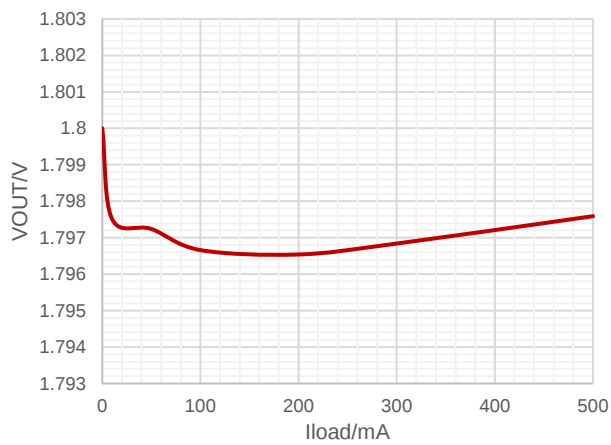


Figure 8. Shutdown Current vs Ambient Temperature

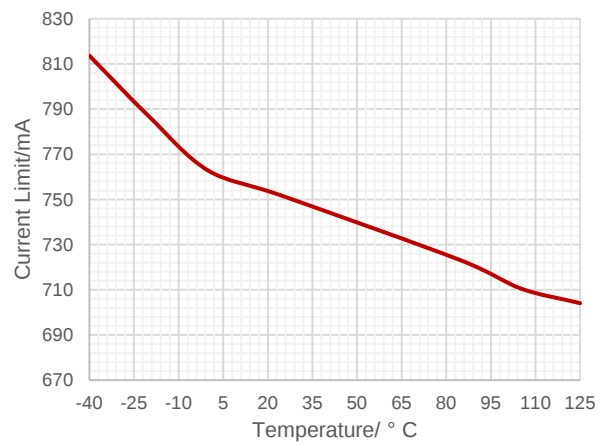


Figure 9. Output Current Limit vs Ambient Temperature

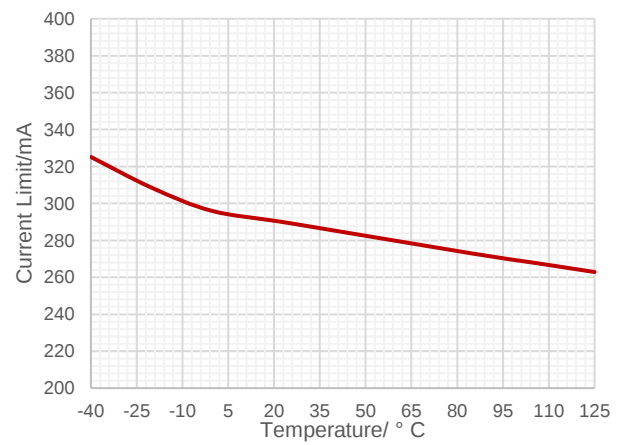
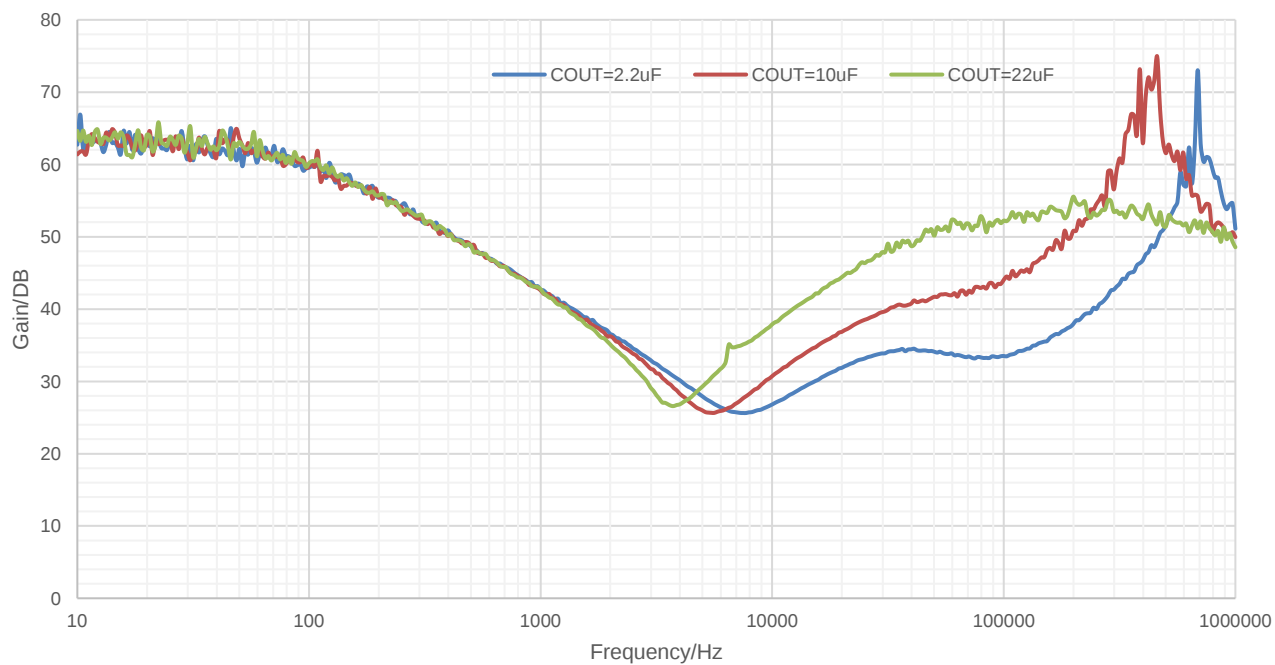
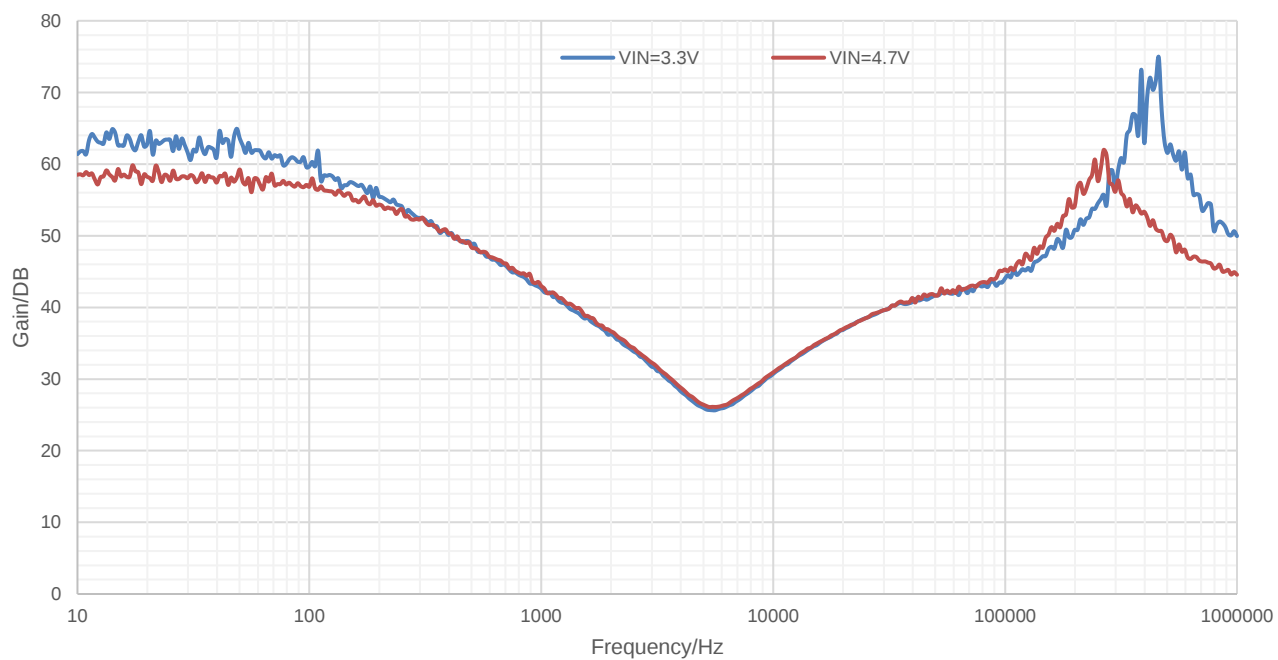
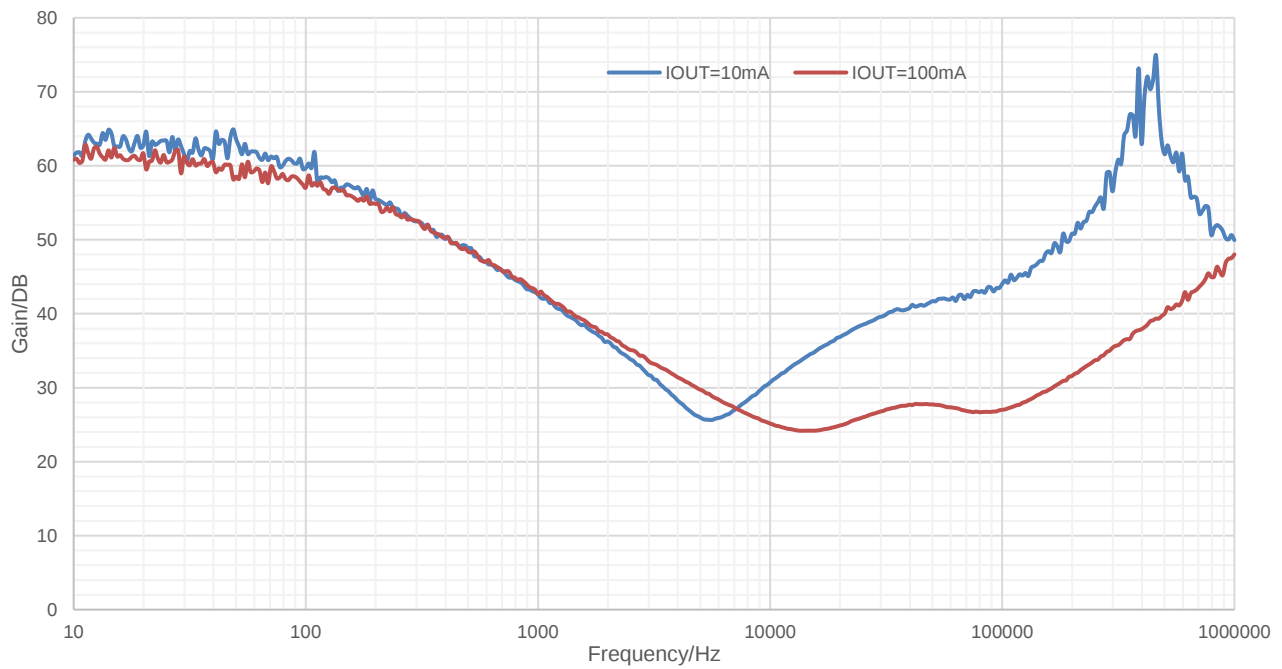
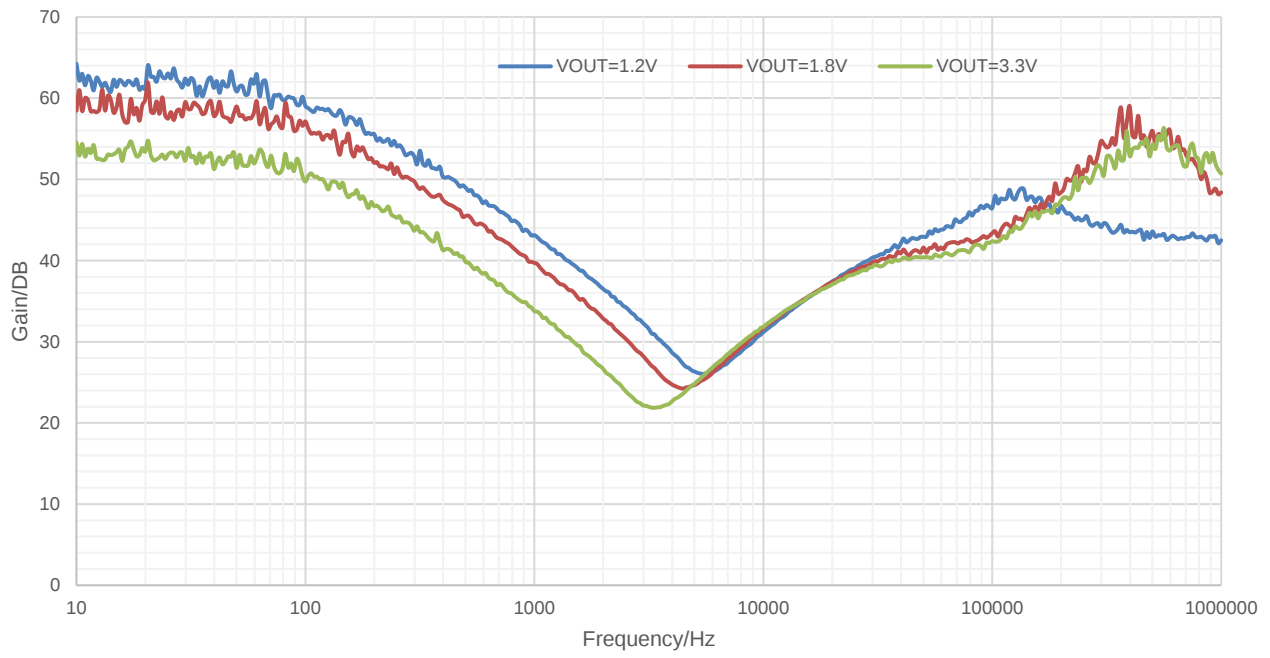
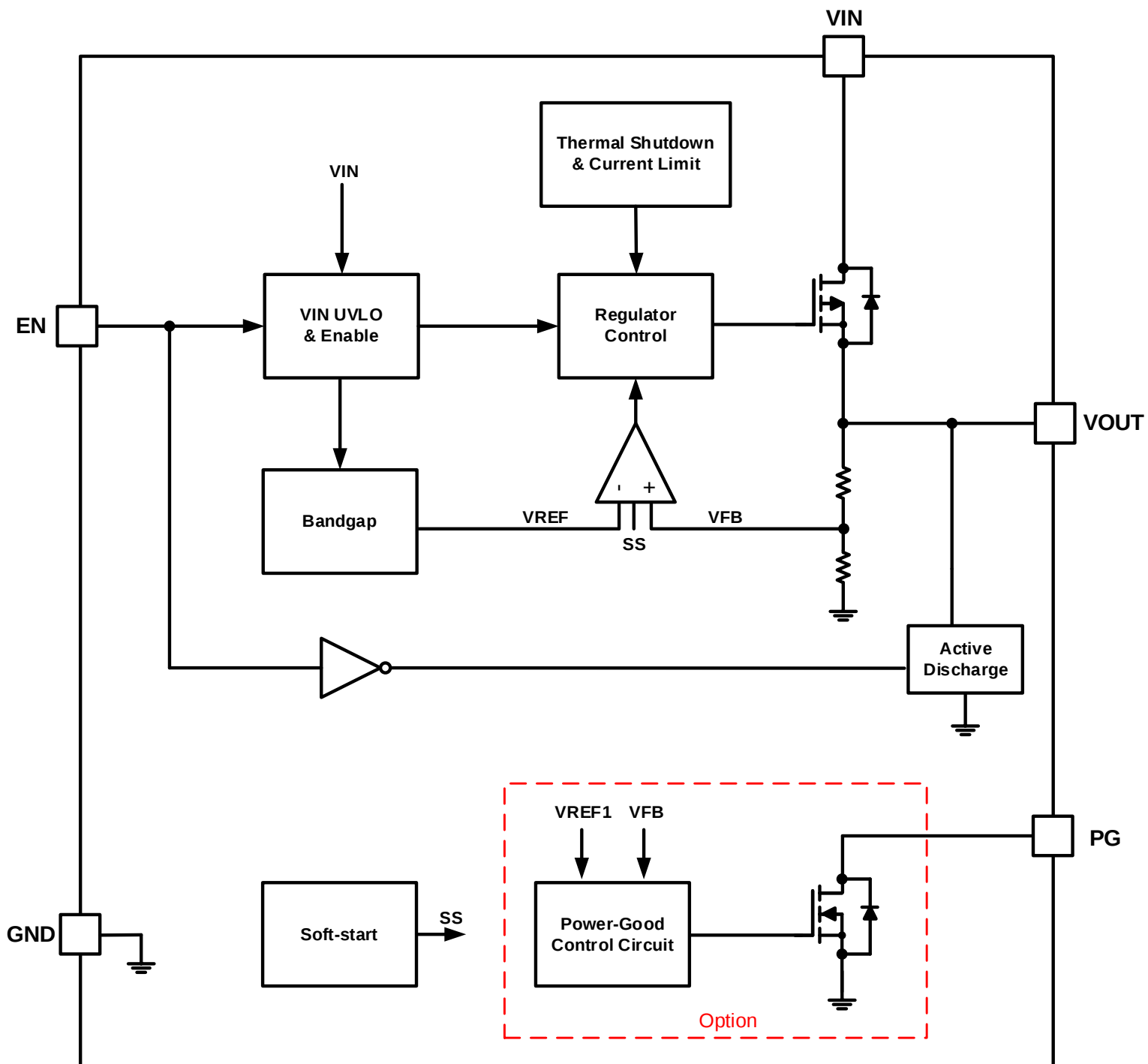
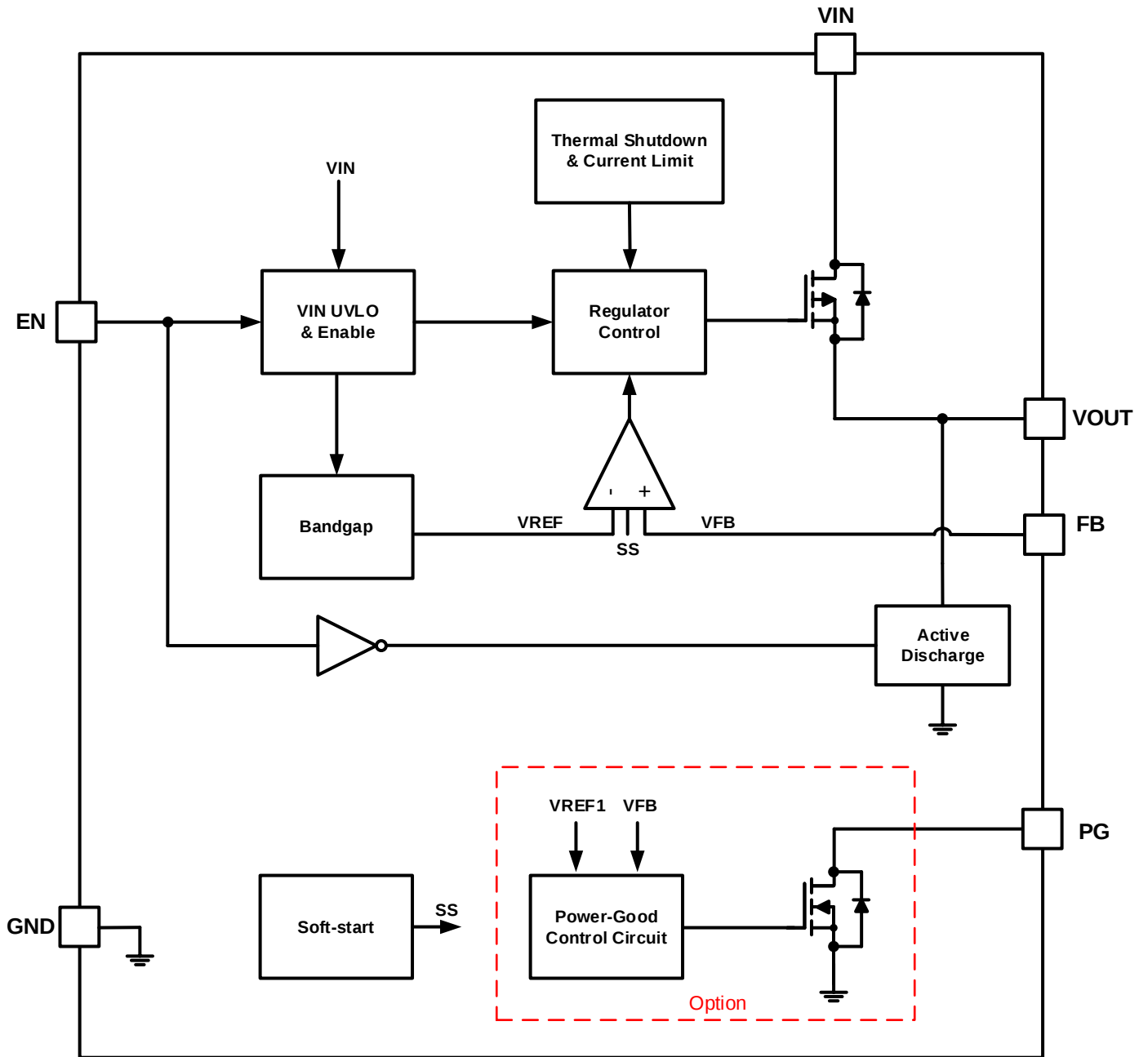


Figure 10. Short Current Limit vs Ambient Temperature

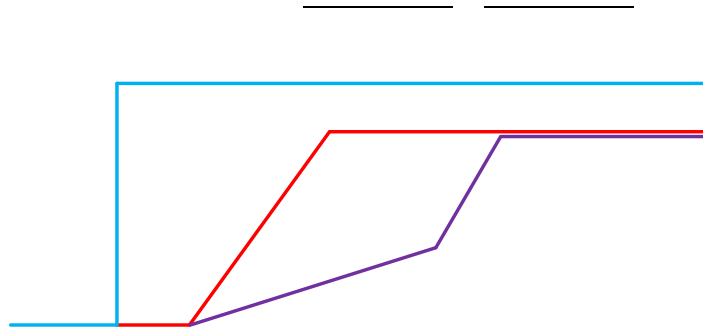
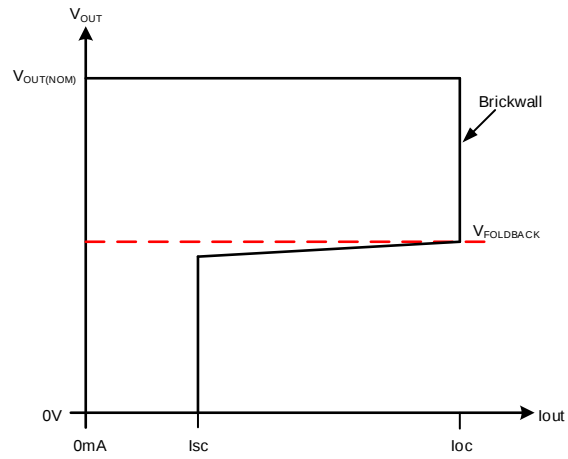


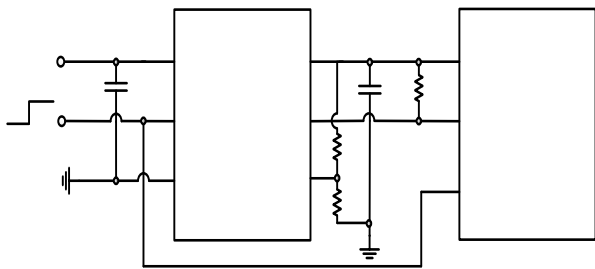




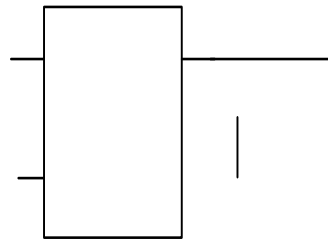


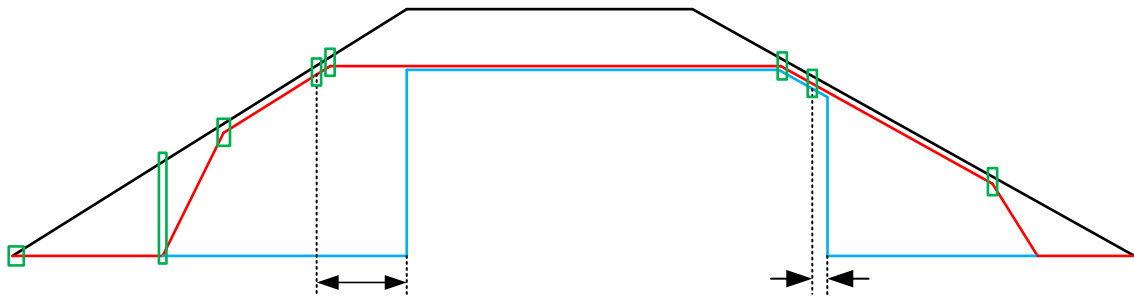
The SCT71005Q product provide adjustable output which can adjust the output voltage from 0.5V to 5V.

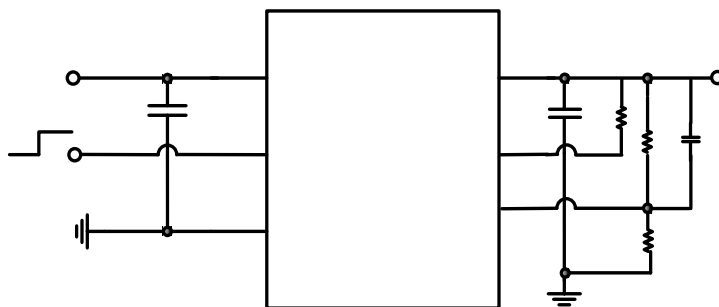


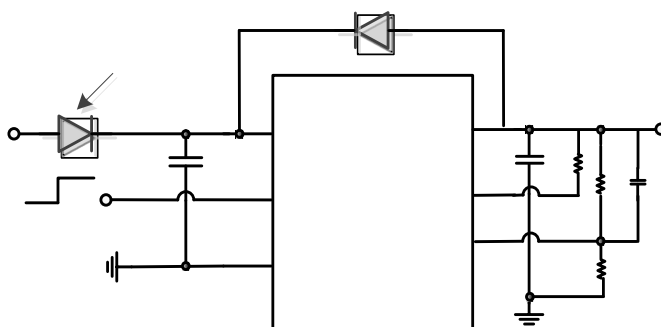


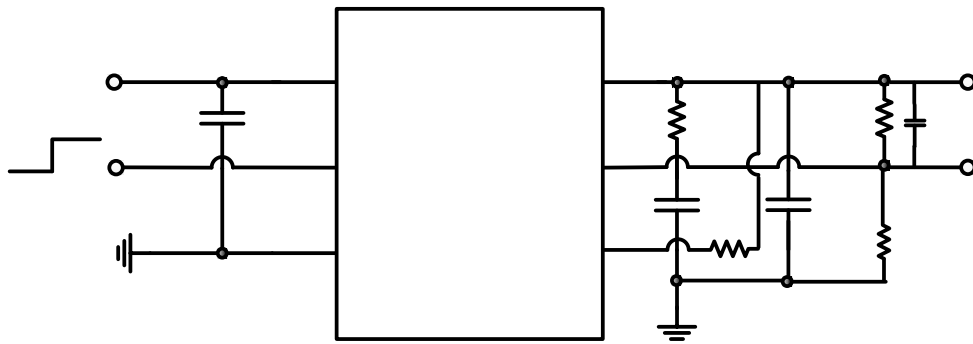
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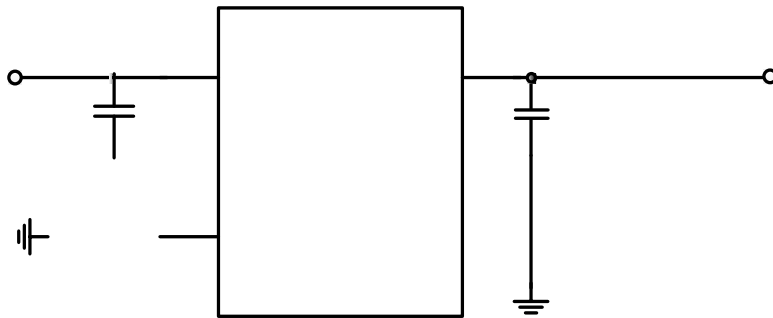




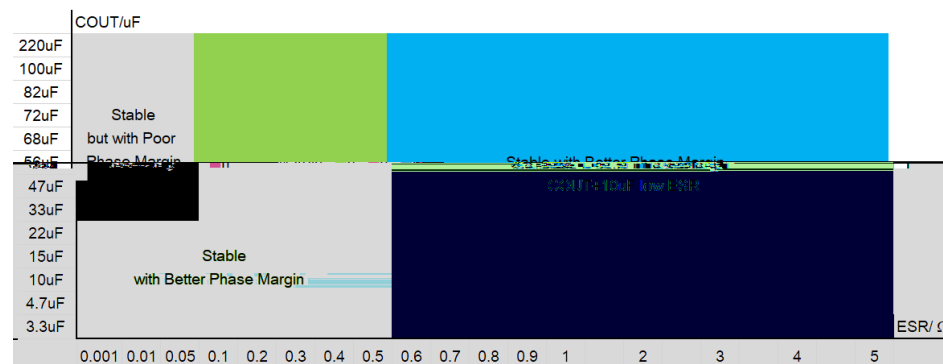
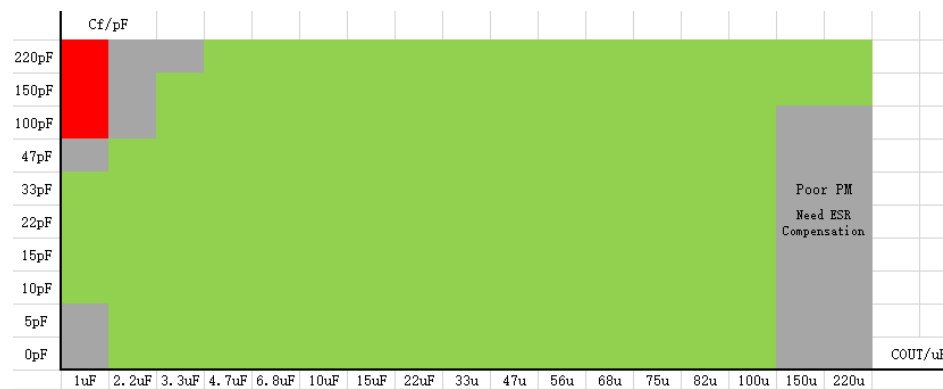
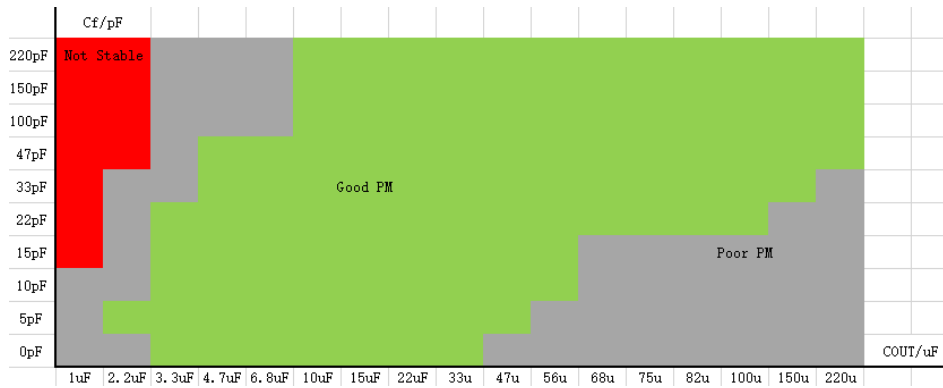




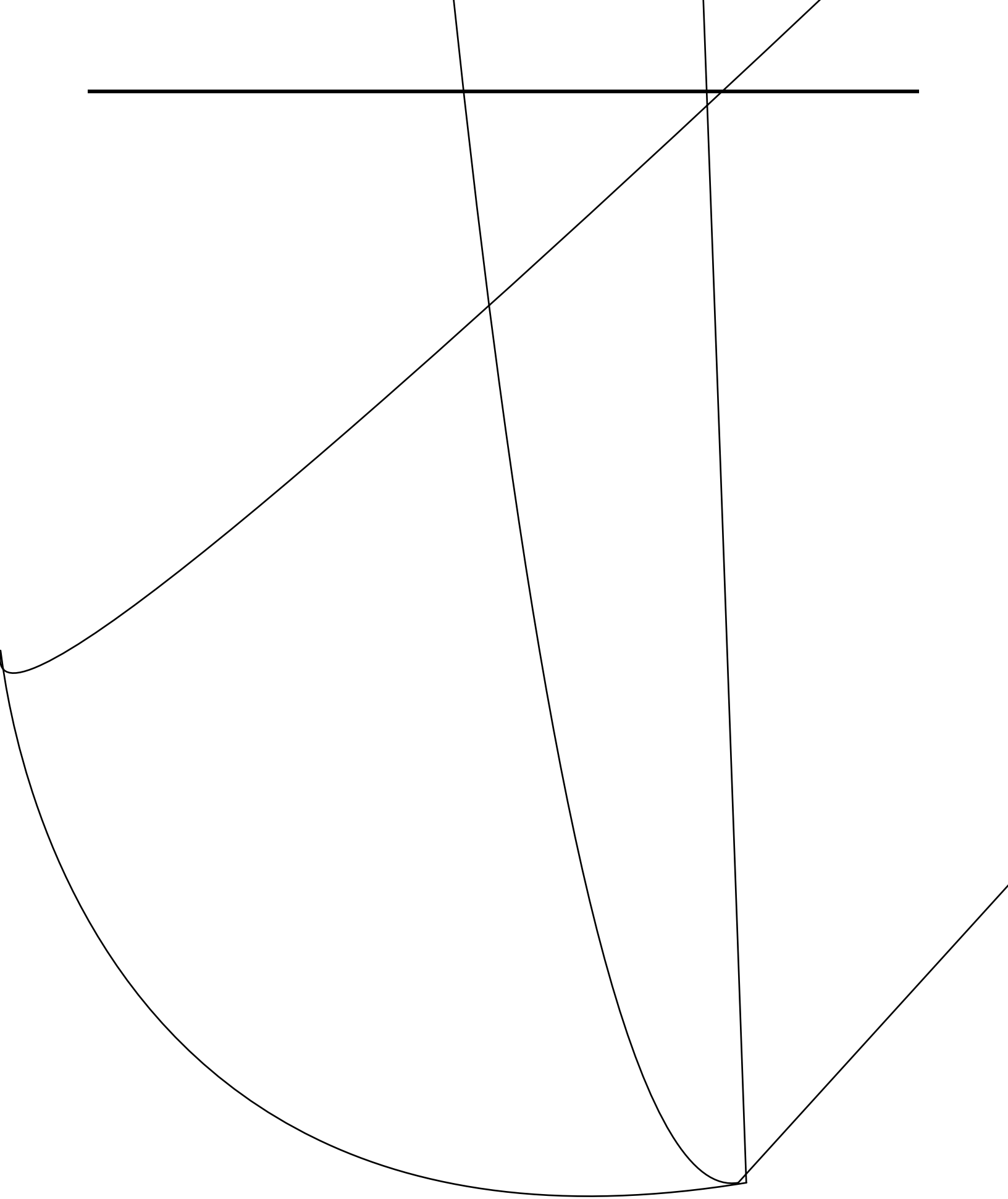


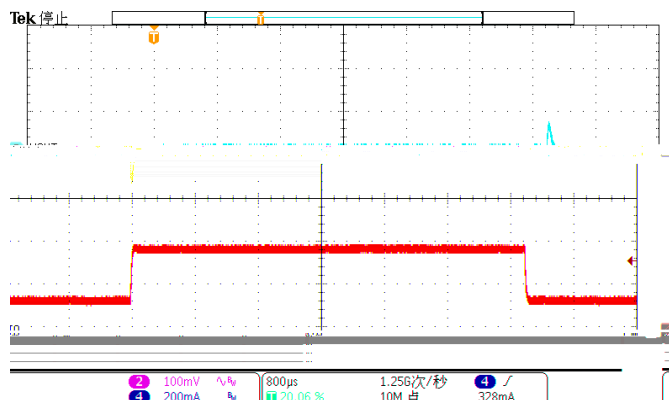
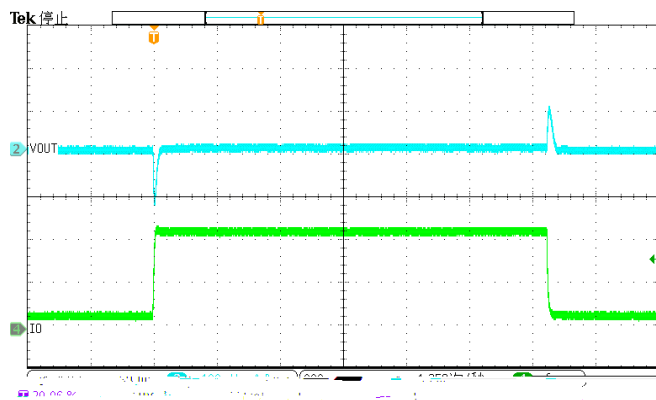
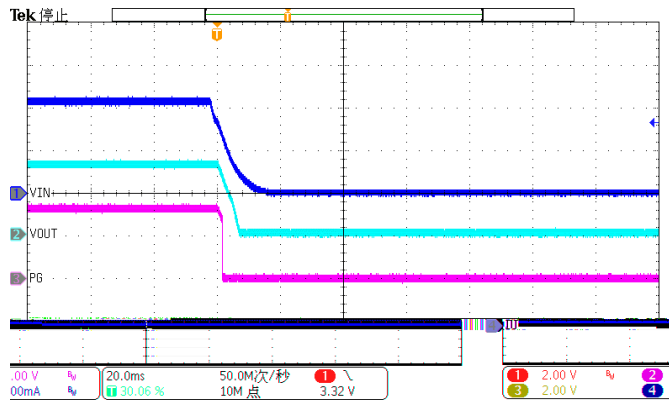
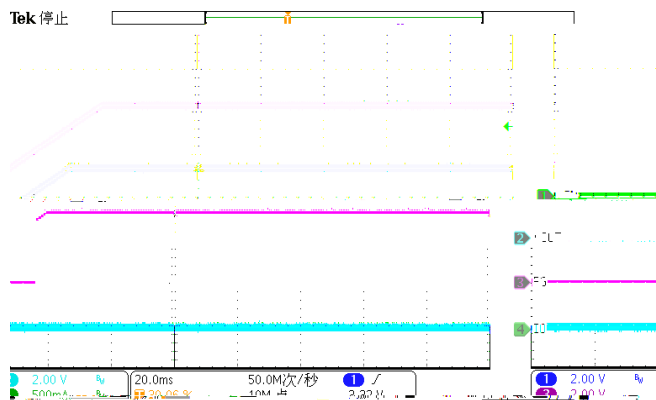
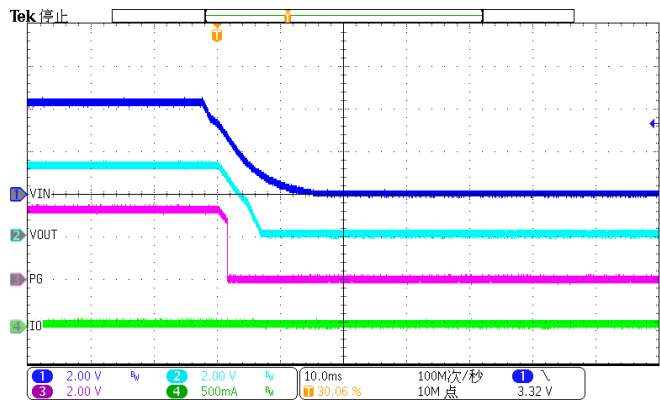
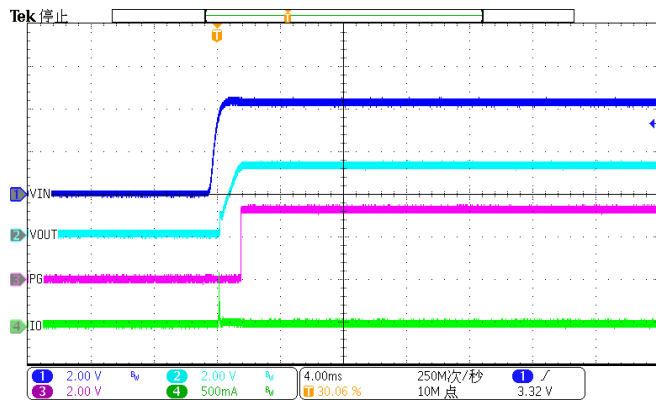


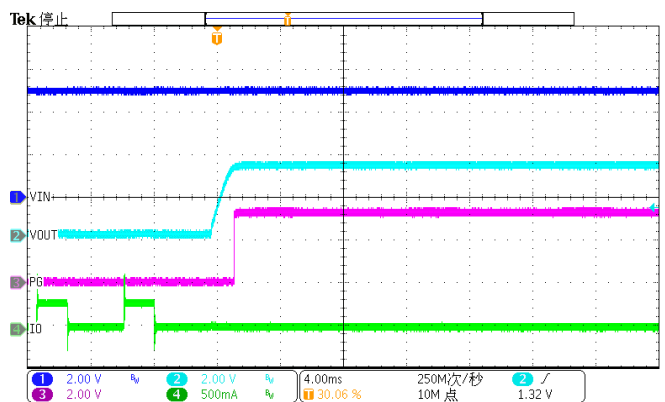
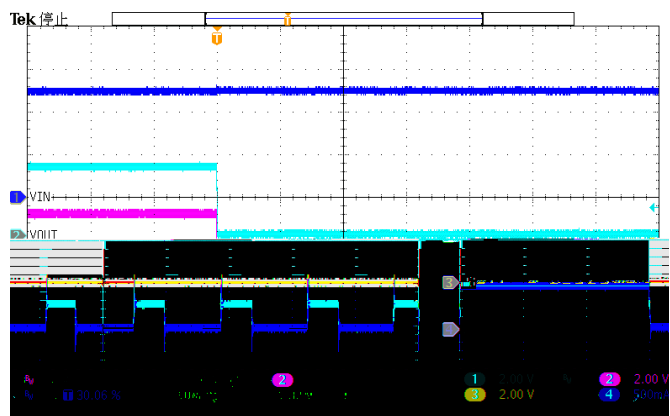
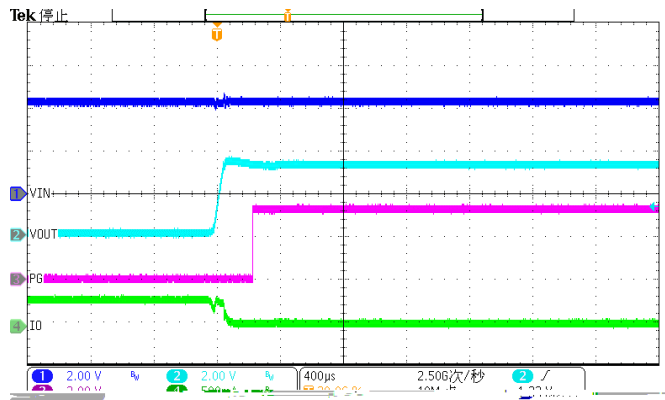
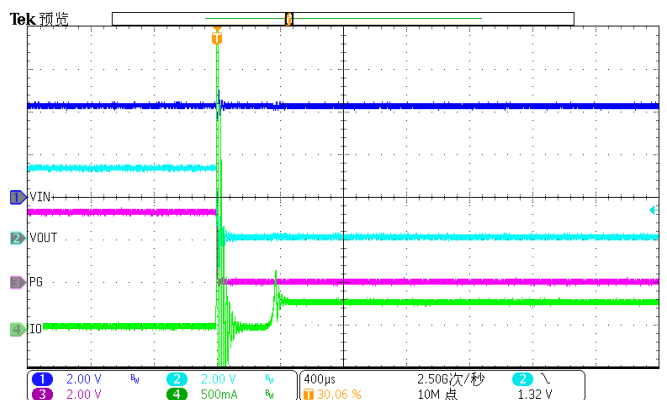
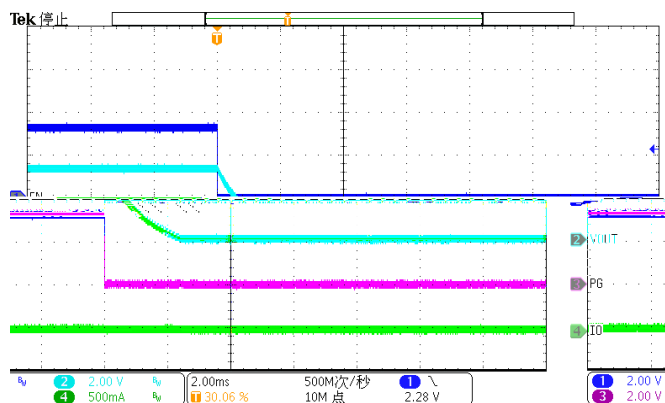
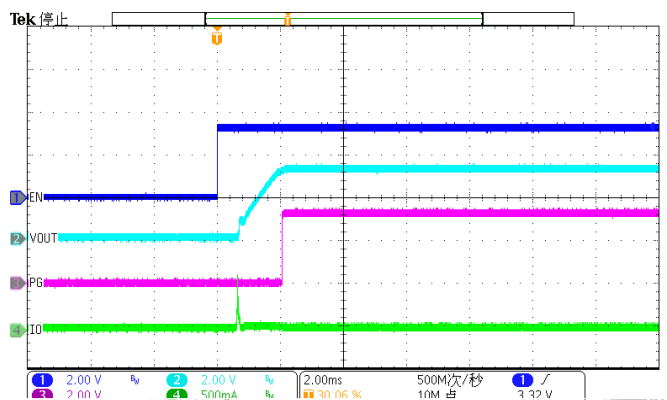


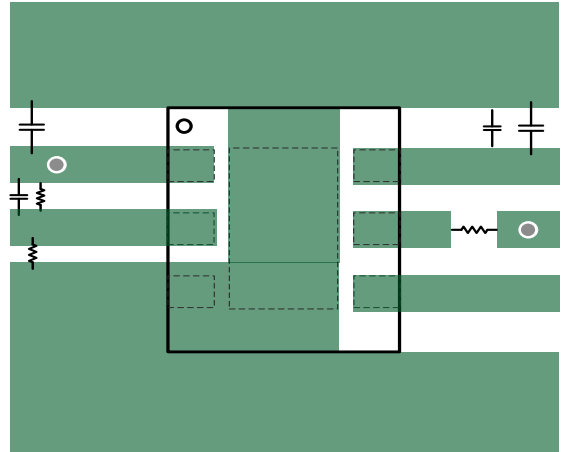
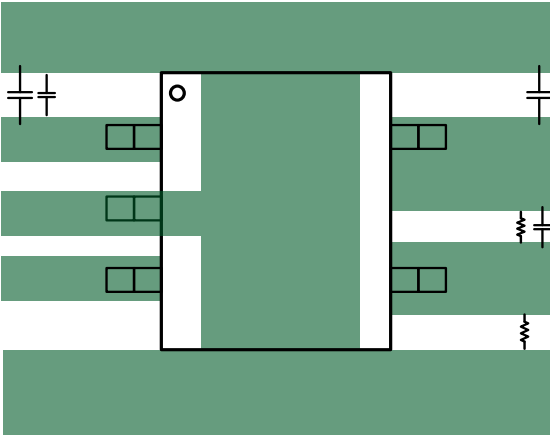


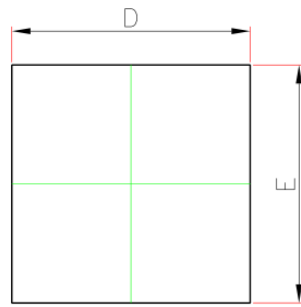
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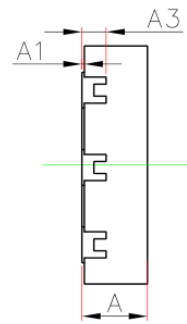




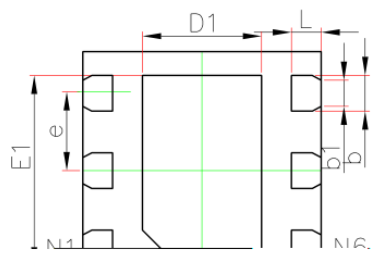




TOP VIEW

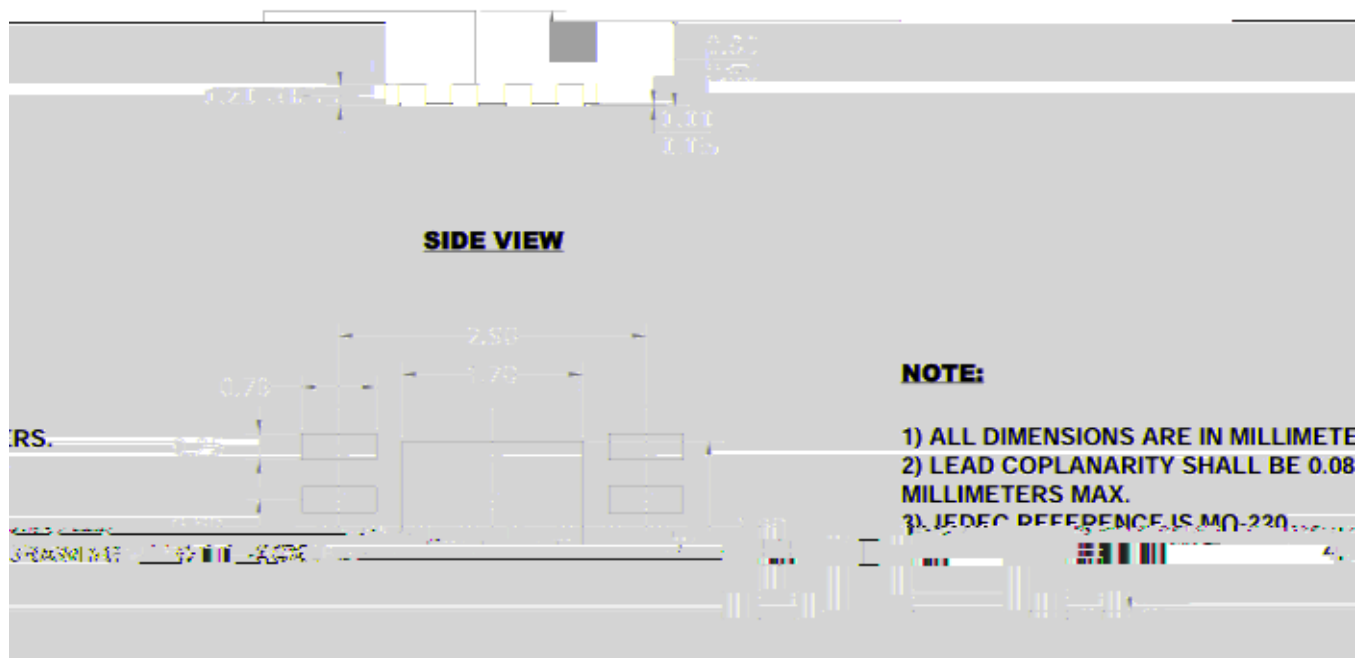
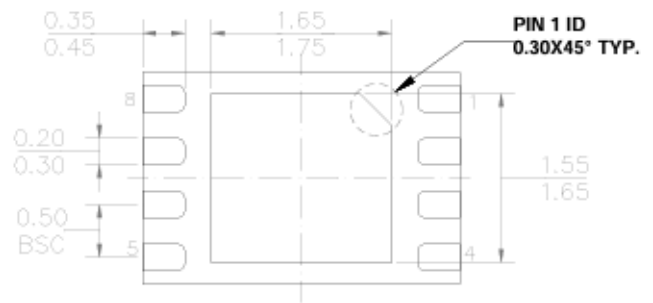
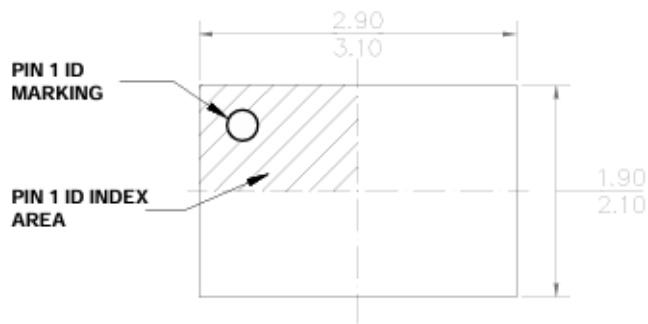


SIDE VIEW

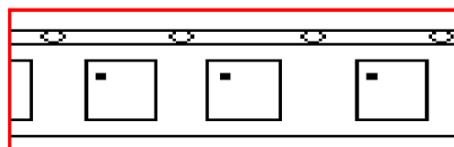
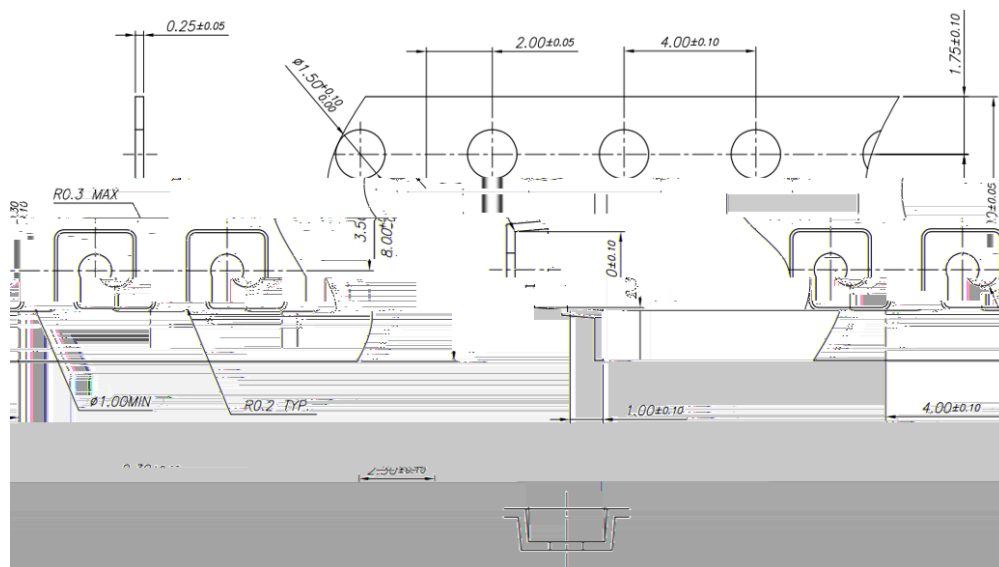
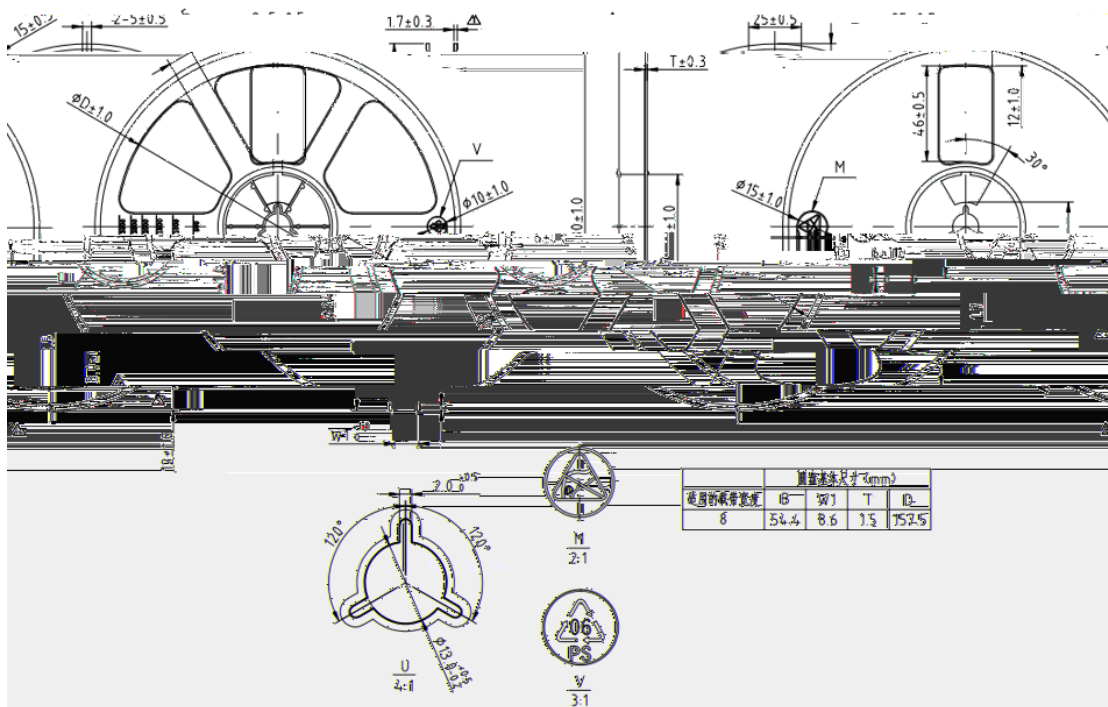


BOTTOM VIEW

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- 6.

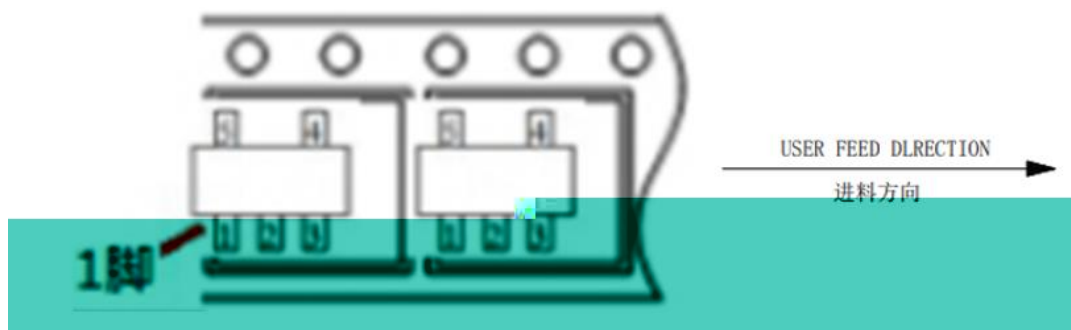
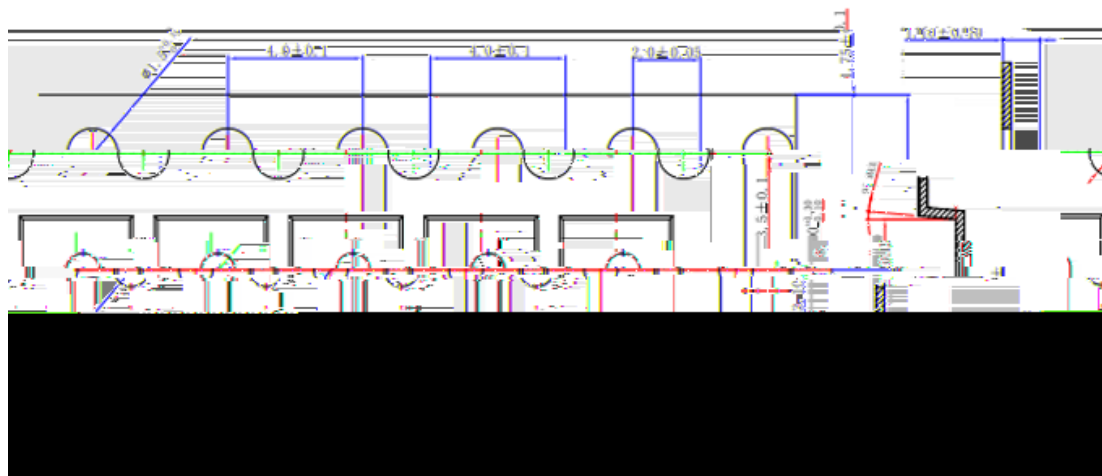
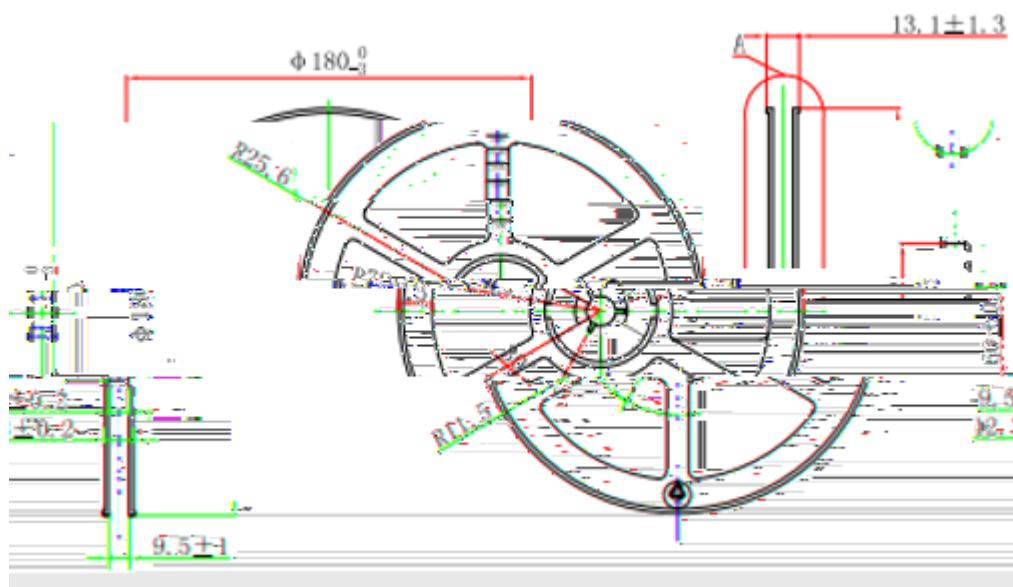


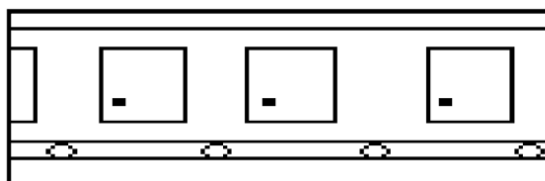
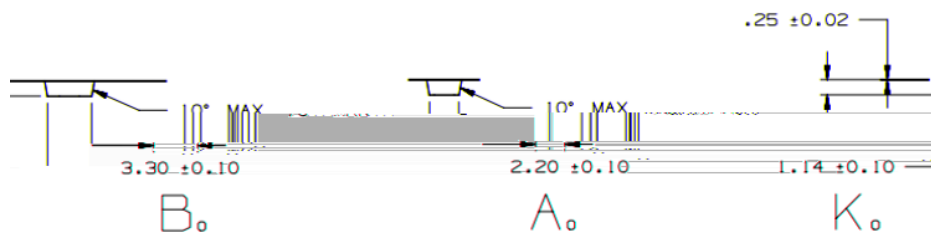
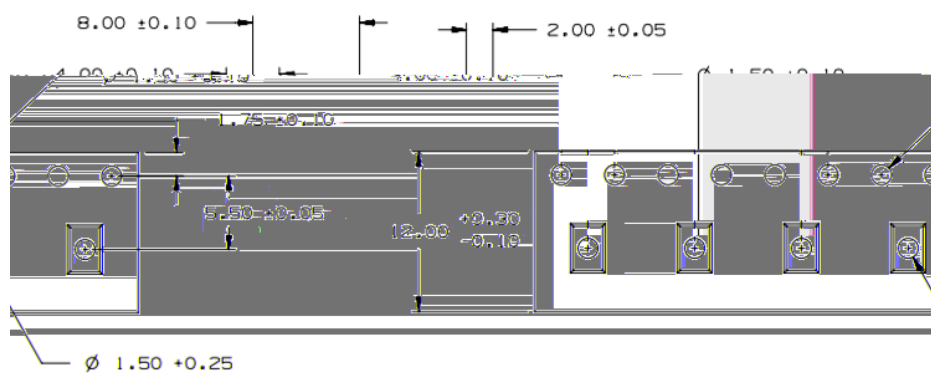
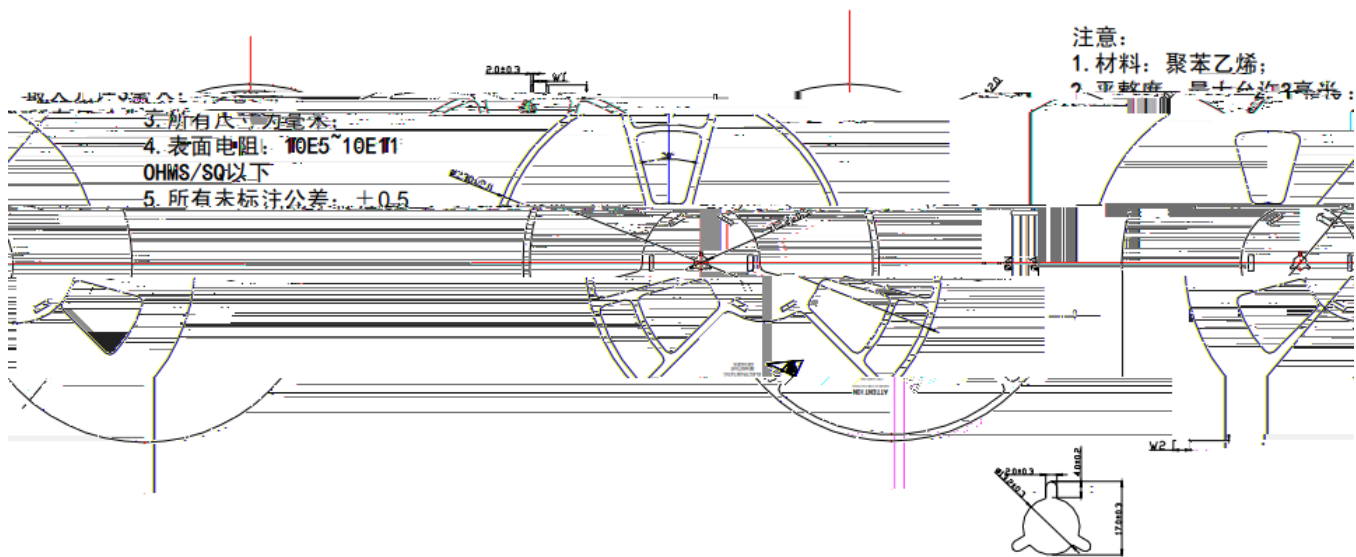
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 User Direction of Feed





User Direction of Feed

