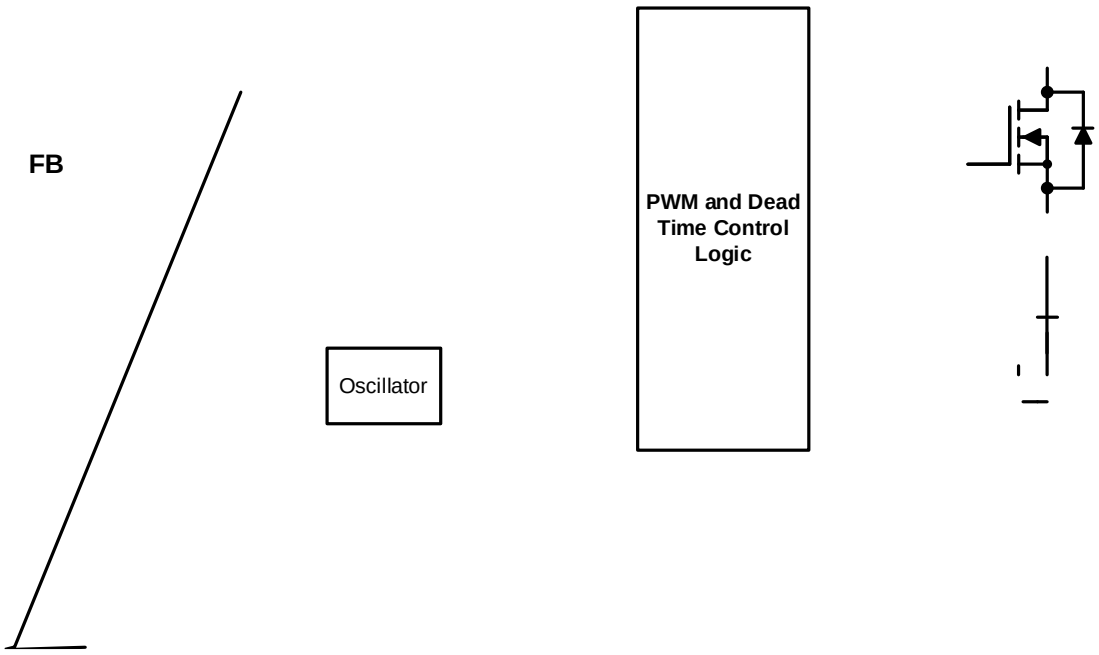
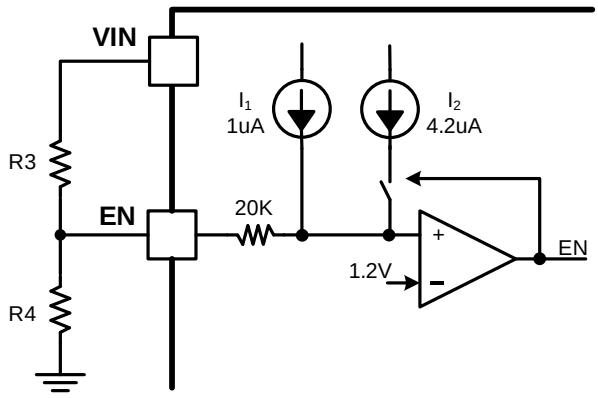

Over operating free-air temperature unless otherwise

(1)
(2)


EN
FB
Oscillator
PWM and Dead Time Control Logic


VIN
R3
EN
R4
I1
1uA
I2
4.2uA
20K
1.2V
+
–
EN

(6)

(7)

(8)

(9)

(10)

(12)

Figure 12. Power Up, IOUT=3A

Figure 13. Power Down, IOUT=3A

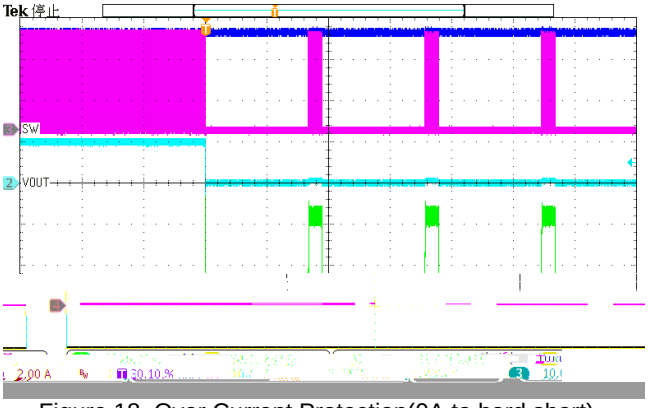


Figure 18. Over Current Protection(0A to hard short)

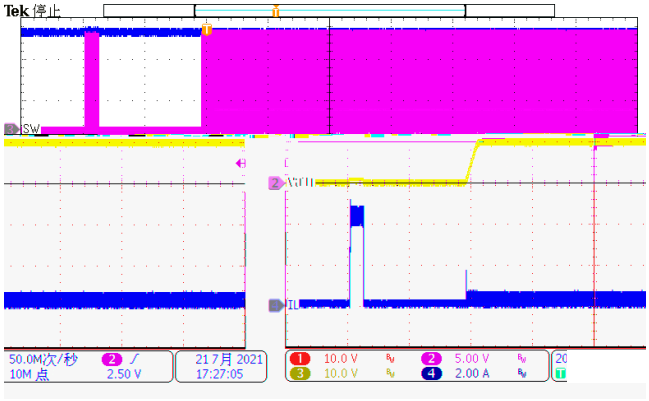


Figure 19. Over Current Release (hard short to 0A)

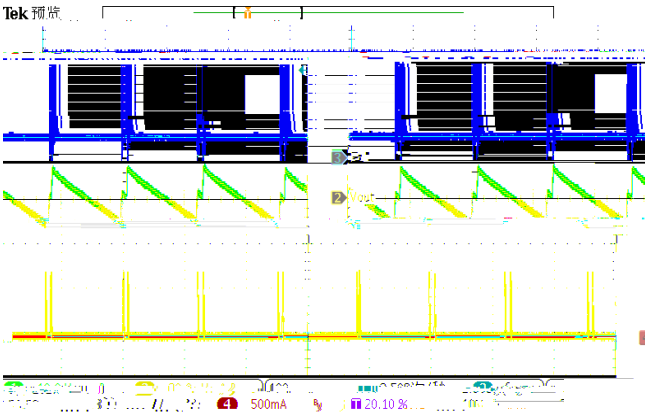


Figure 20. Output Ripple (Iload=10mA)

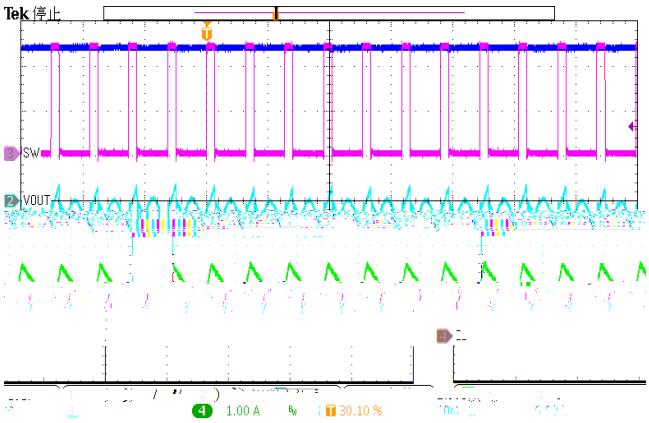


Figure 21. Output Ripple (Iload=1A)

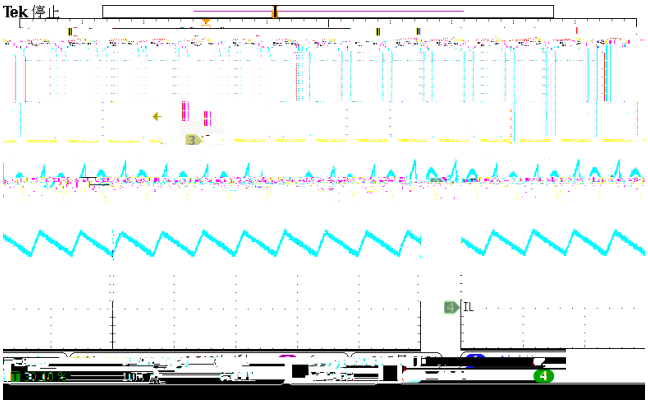


Figure 22. Output Ripple (Iload=3A)

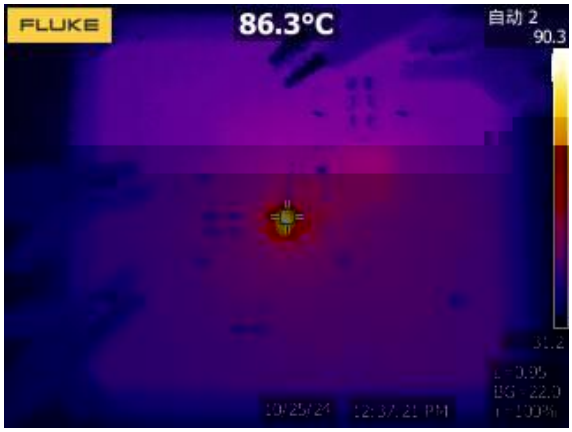
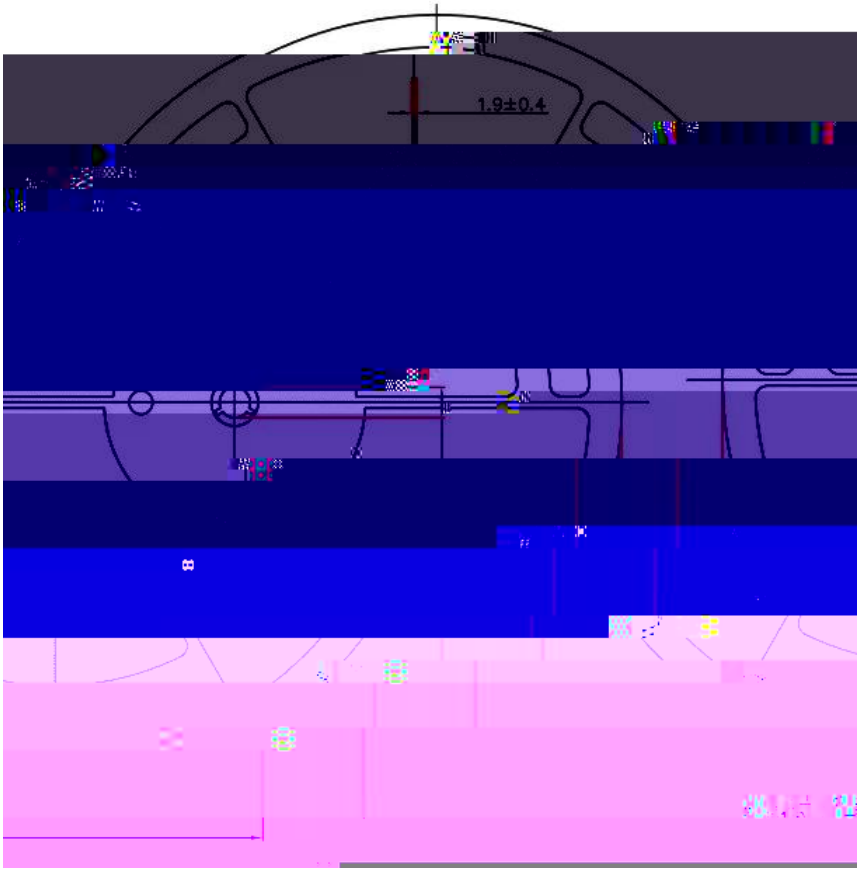


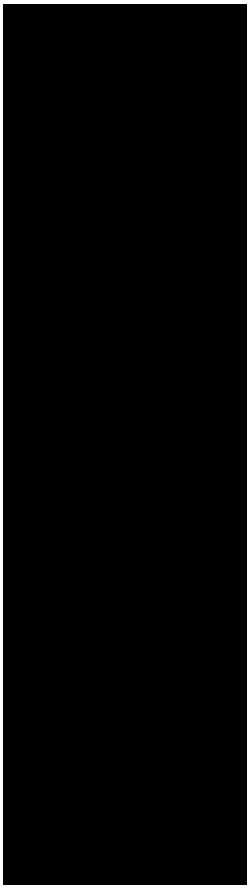
Figure 23. Thermal, 12VIN, 5Vout, 3A

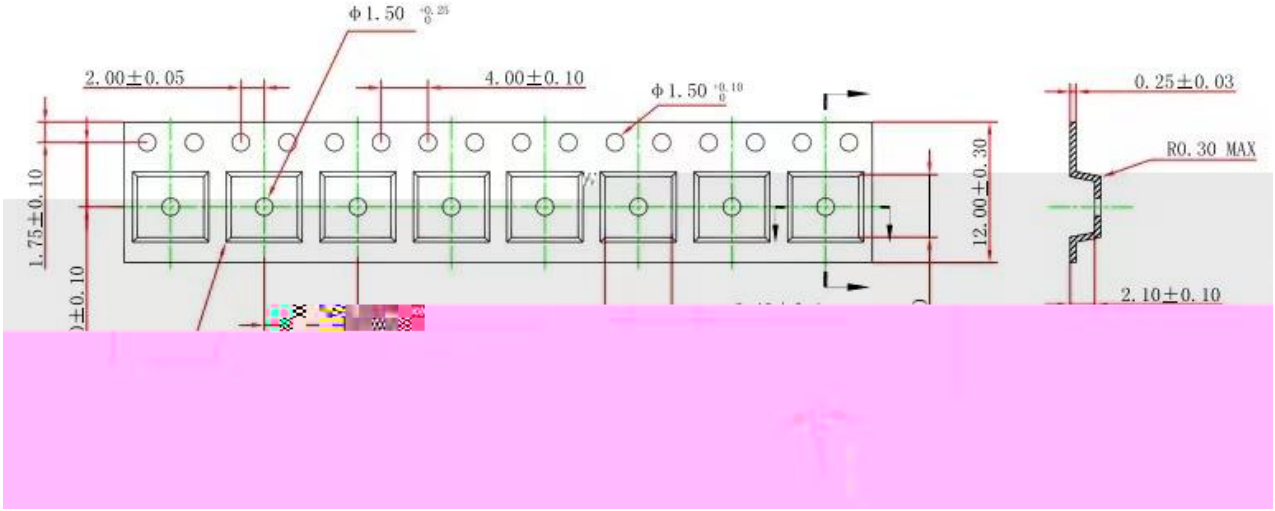
1.

2.
3.

4.


1.9±0.4




φ1.50 +0.25 0
2.00±0.05
4.00±0.10
φ1.50 +0.10 0
0.25±0.03
R0.30 MAX
1.75±0.10
12.00±0.30
2.10±0.10

