REVISION HISTORY

DEVICE ORDER INFORMATION

ABSOLUTE MAXIMUM RATINGS

Over operating free-air temperature unless otherwise

RECOMMENDED OPERATING CONDITIONS

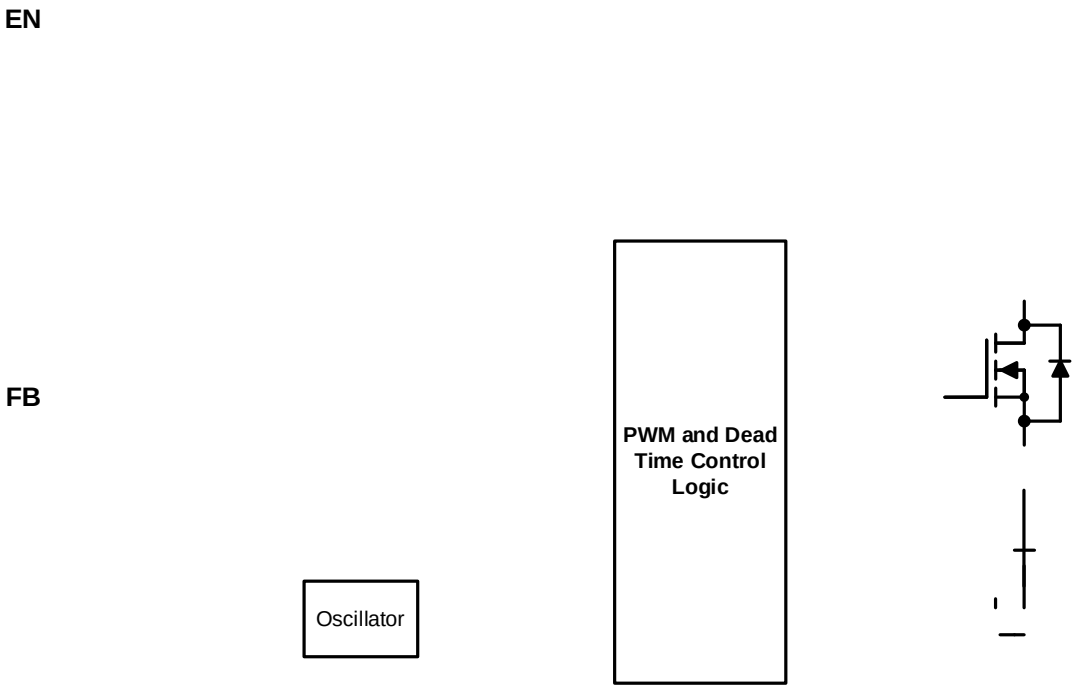
ESD RATINGS

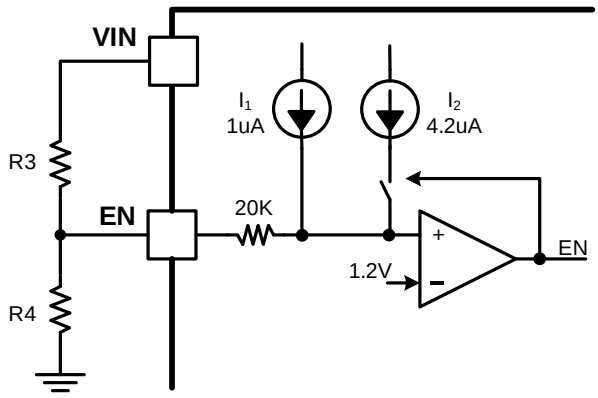
(1)
(2)

THERMAL INFORMATION

ELECTRICAL CHARACTERISTICS

FUNCTIONAL BLOCK DIAGRAM




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

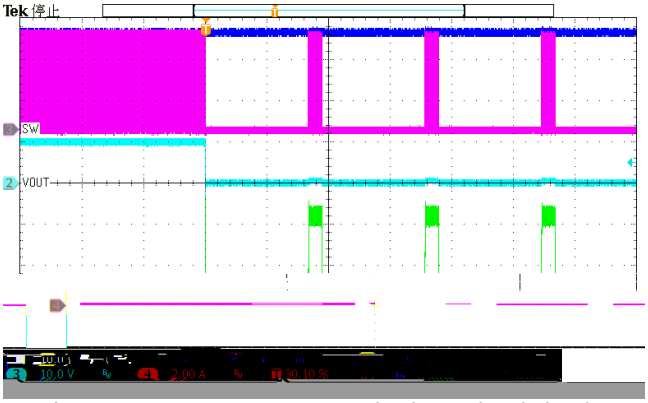


Figure 18. Over Current Protection(0A to hard short)

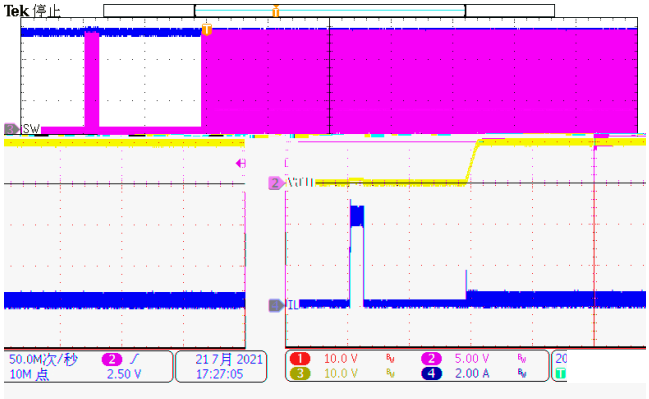


Figure 19. Over Current Release (hard short to 0A)

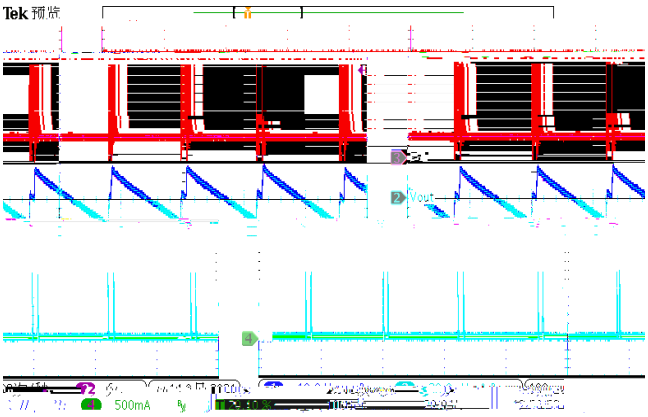


Figure 20. Output Ripple (Iload=10mA)

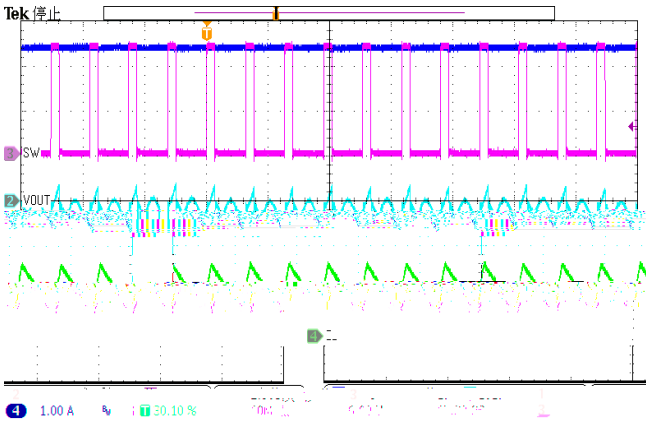


Figure 21. Output Ripple (Iload=1A)

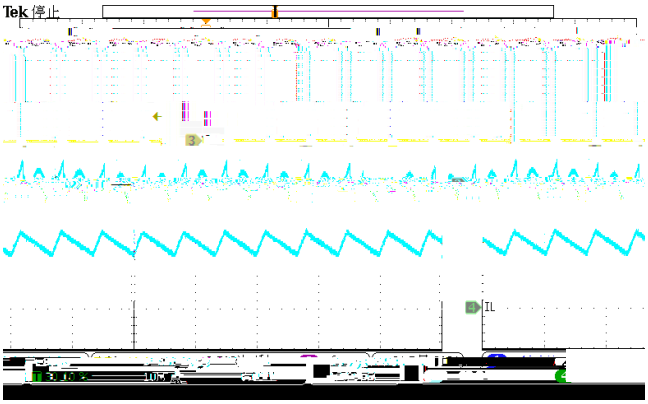


Figure 22. Output Ripple (Iload=3A)

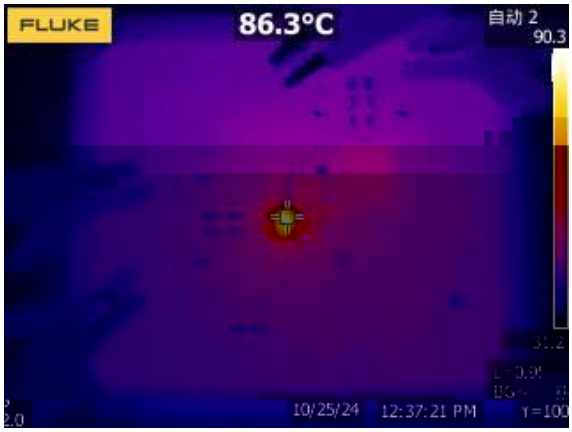
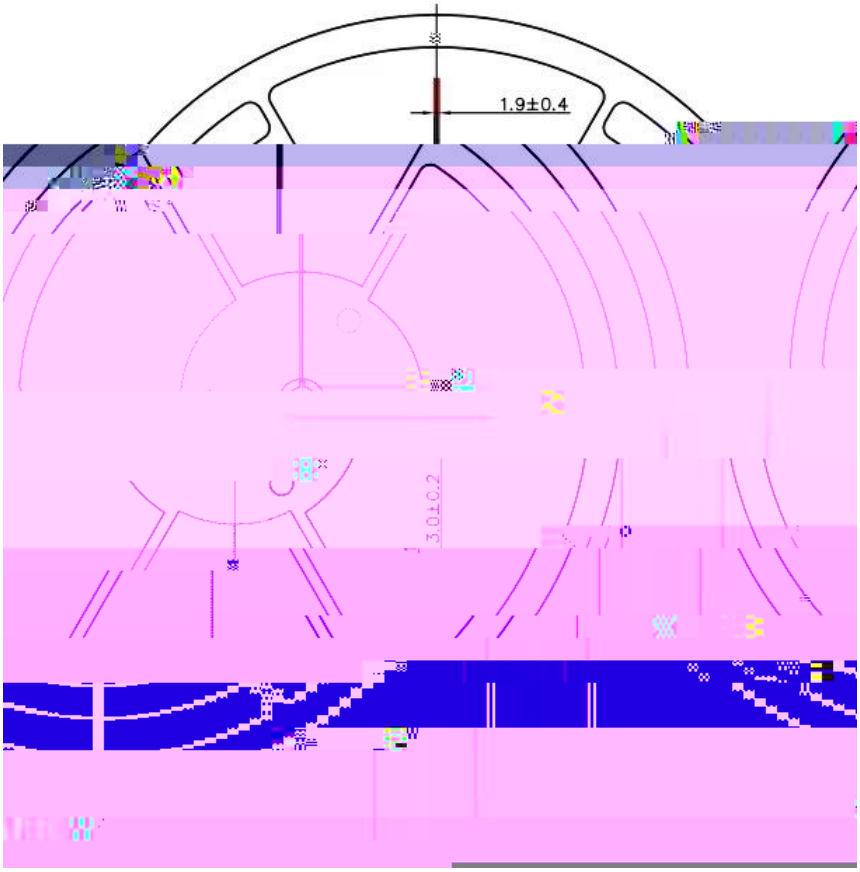
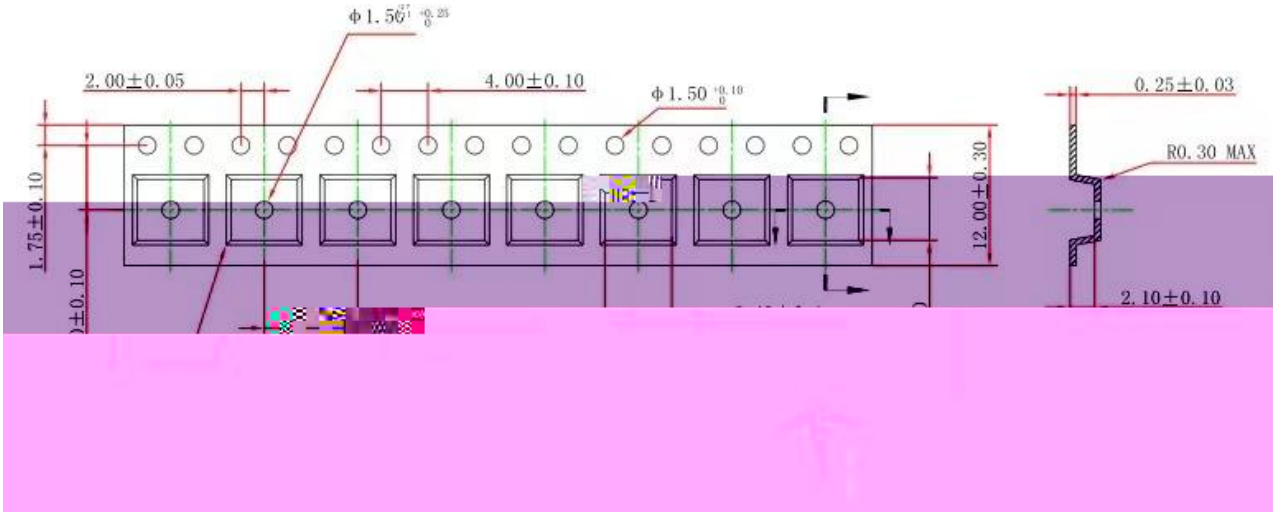
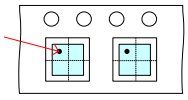


Figure 23. Thermal, 12VIN, 5Vout, 3A

TAPE AND REEL INFORMATION