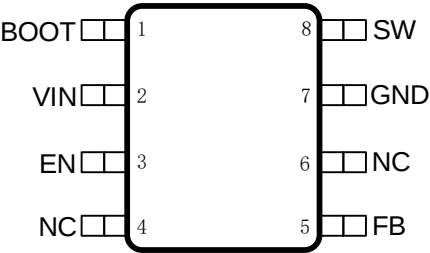


Over operating free-air temperature unless otherwise noted ⁽¹⁾

DESCRIPTION	MIN	MAX	UNIT
B64 reW*n /Span #MCI			



Top View: SOP-8L

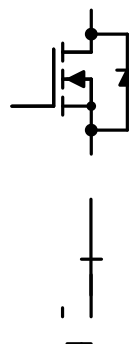
(1)
(2)

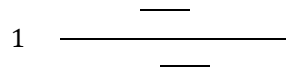
EN

FB

Oscillator

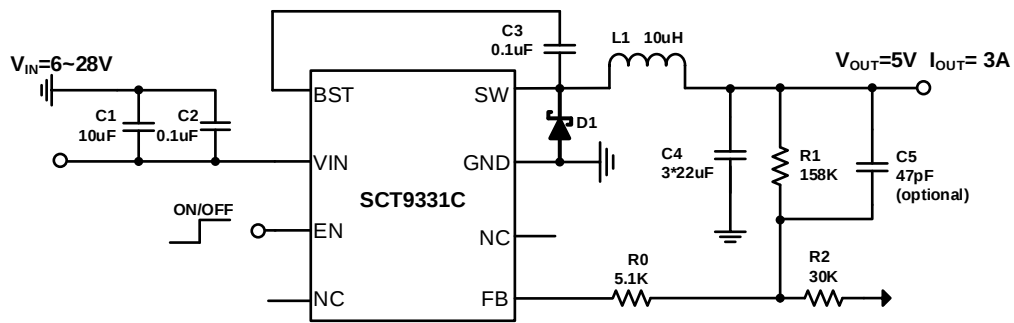
PWM and Dead
Time Control
Logic





2 _____





Design Parameters	Example Value
Input Voltage	12V or 24V Normal (6~28V)
Output Voltage	5V
Output Current	3A
Output voltage ripple (peak to peak)	±8mV
Switching Frequency	400kHz

(3)

~

(6)

(7)

$\frac{0}{0}$

(8)

$\frac{\quad}{0}$

(9)

0

(10)

0

0

(12)

Figure 12. Power Up, IOUT=3A

Figure 13. Power Down, IOUT=3A

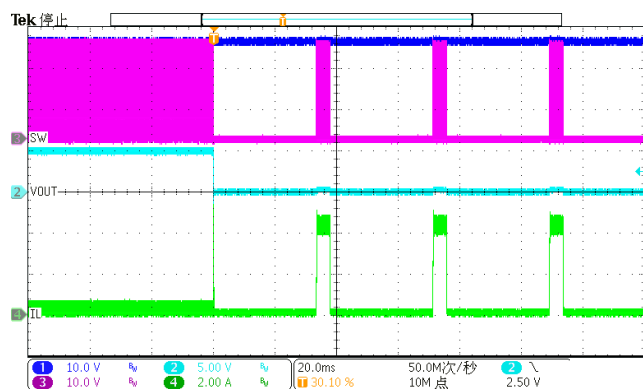


Figure 18. Over Current Protection(0A to hard short)

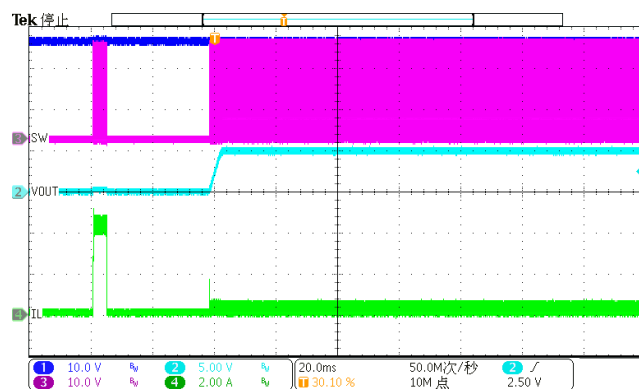


Figure 19. Over Current Release (hard short to 0A)

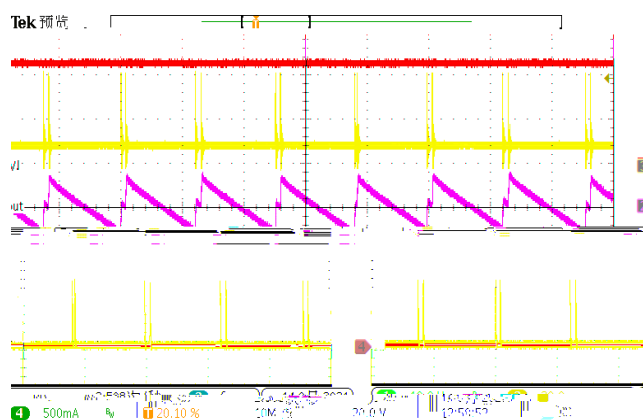


Figure 20. Output Ripple (Iload=10mA)

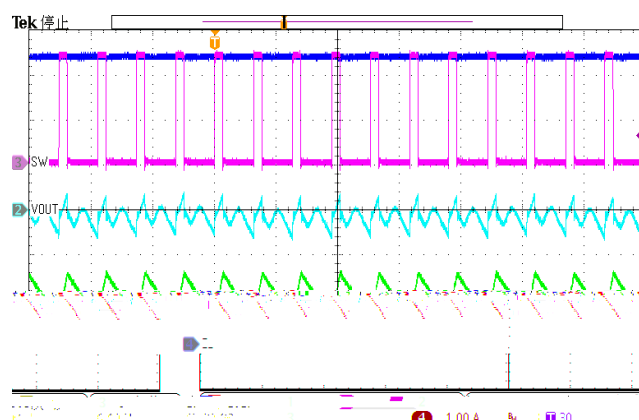


Figure 21. Output Ripple (Iload=1A)

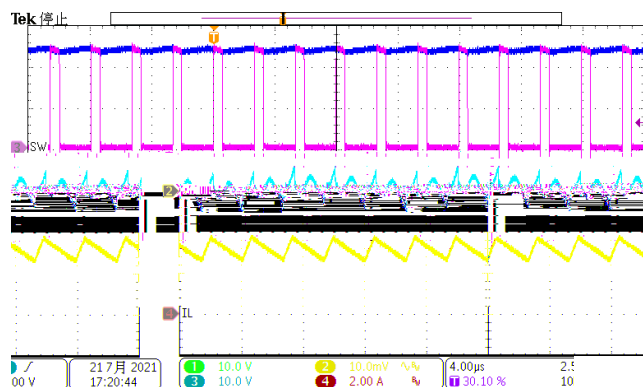


Figure 22. Output Ripple (Iload=3A)

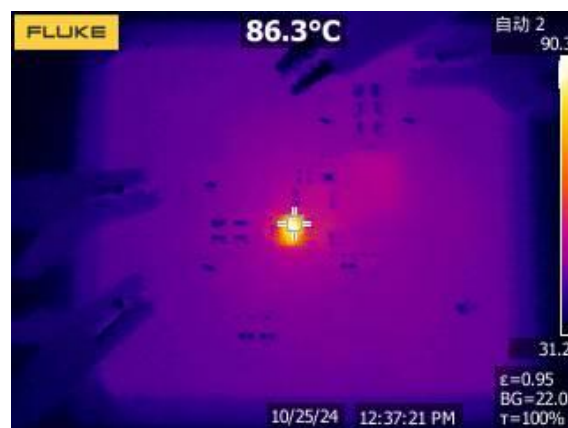


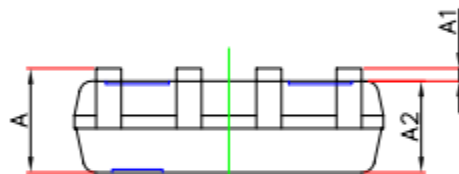
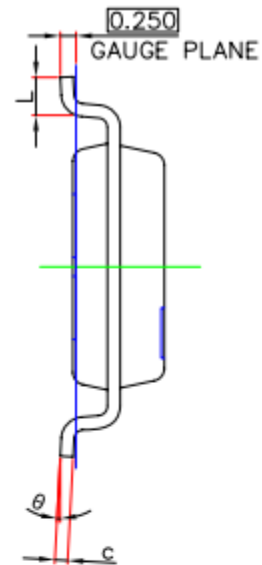
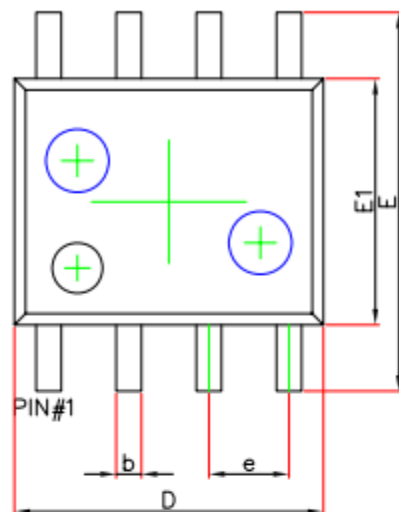
Figure 23. Thermal, 12VIN, 5Vout, 3A

1.

2.

3.

4.



Dimensions In Millimeters			Dimensions In Inches		
Max	Min	Typ	Max	Min	Typ
0.069		A	1.450	1.750	0.057
0.010		A1	0.100	0.250	0.004
0.061		A2	1.550	1.550	0.053
0.020		b	0.330	0.510	0.013
0.010		c	0.170	0.250	0.007
0.201		D	4.700	5.100	0.185
0.244		E	5.800	6.200	0.228
0.157		E1	3.800	4.000	0.150
		e	1.270(BSC)		0.050(BSC)
0.050		L	0.400	1.270	0.016
8°		θ	0°	8°	0°

