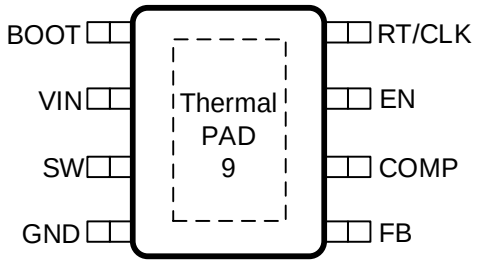
REVISION HISTORY

DEVICE ORDER INFORMATION

1)

ABSOLUTE MAXIMUM RATINGS

PIN CONFIGURATION



RECOMMENDED OPERATING CONDITIONS

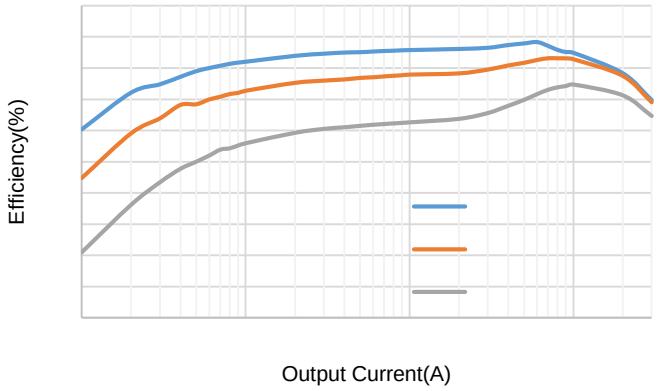
ESD RATINGS

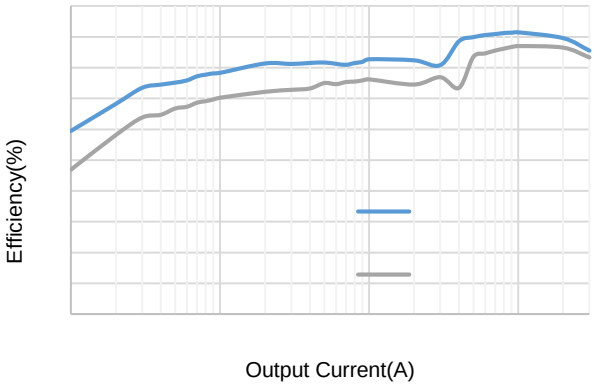
(1)
(2)

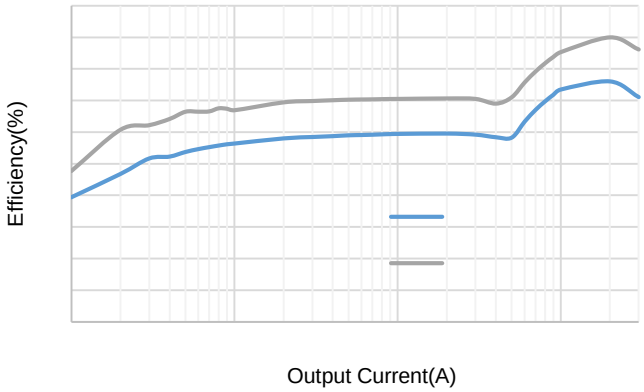
THERMAL INFORMATION

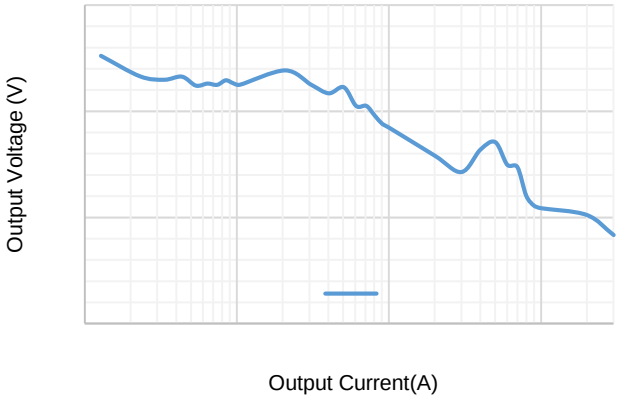
ELECTRICAL CHARACTERISTICS

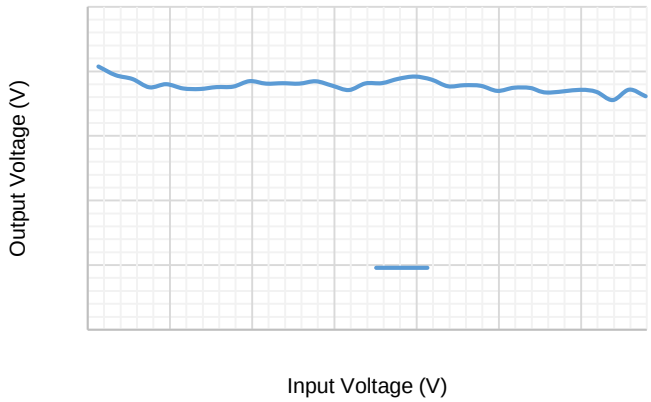
TYPICAL CHARACTERISTICS

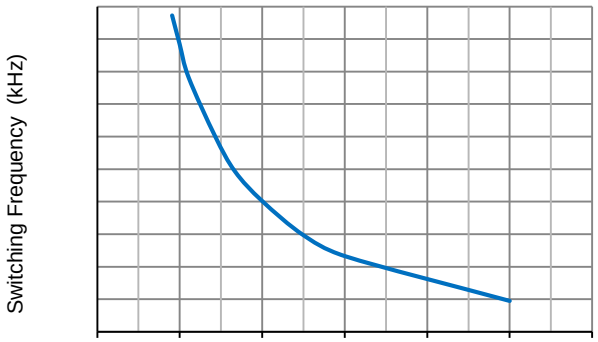




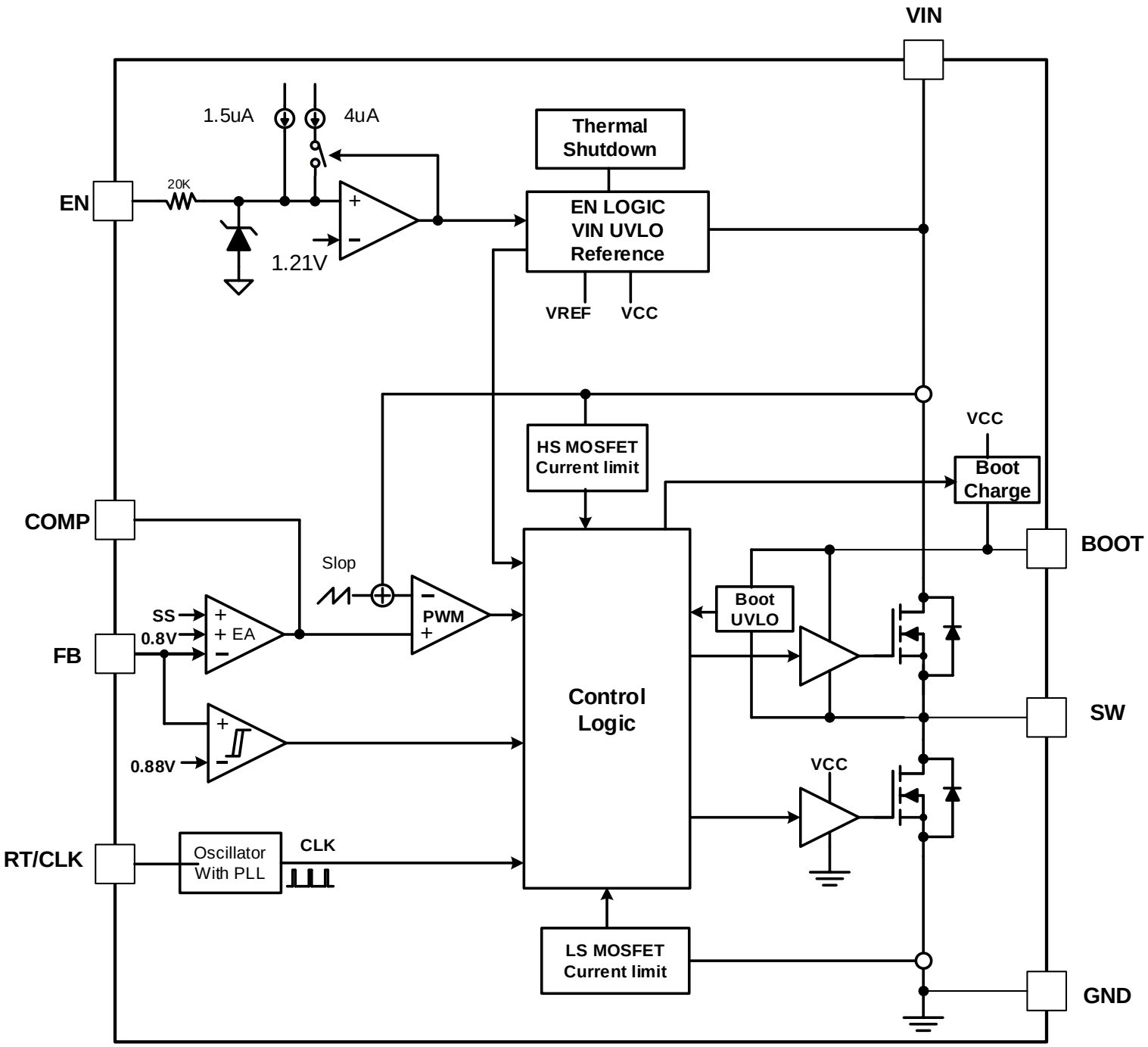




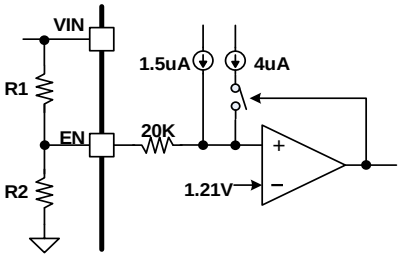




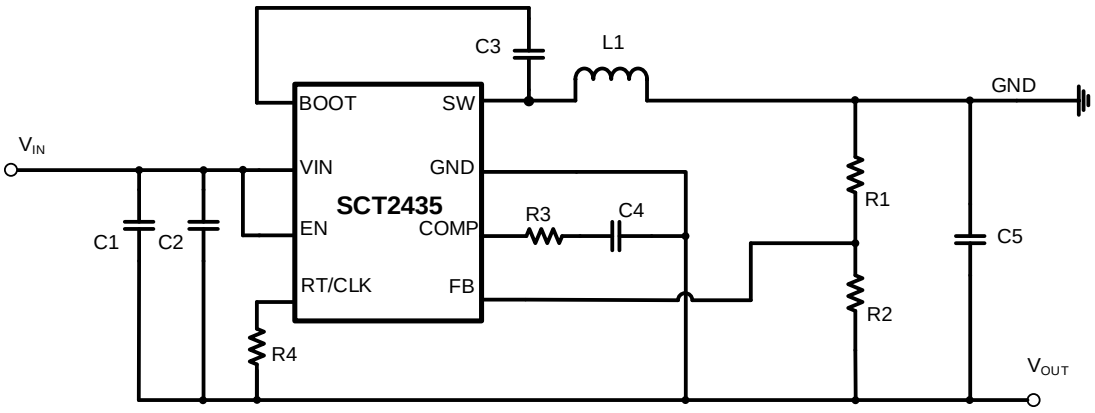
FUNCTIONAL BLOCK DIAGRAM

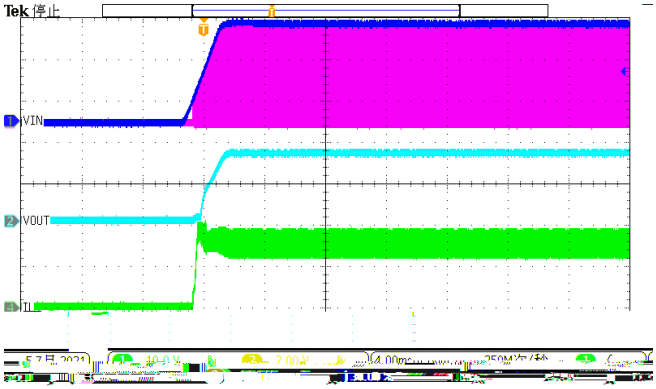


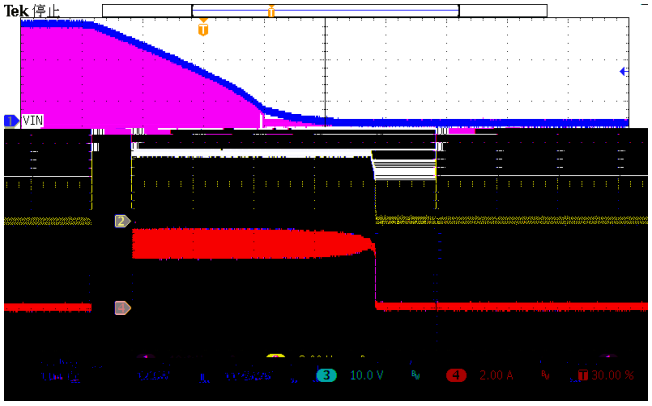
OPERATION

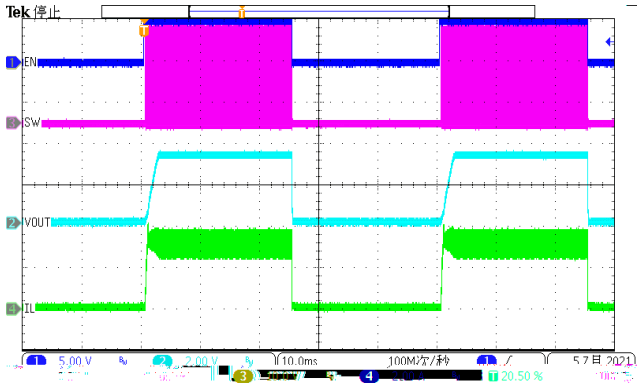


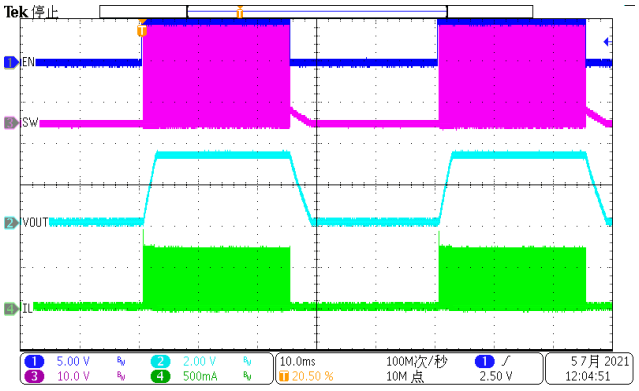
1% tolerance

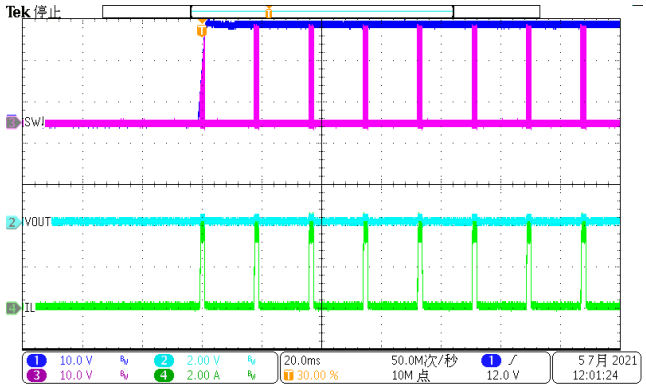

C3
L1
GND
BOOT
SW
VIN
GND
SCT2435
EN
COMP
RT/CLK
FB
R3
C4
R1
C5
R2
R4
C1
C2
VIN
VOUT

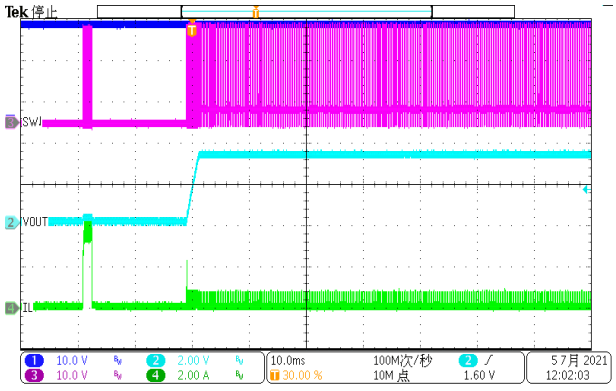

Tek 停止
VIN
VOUT
IL

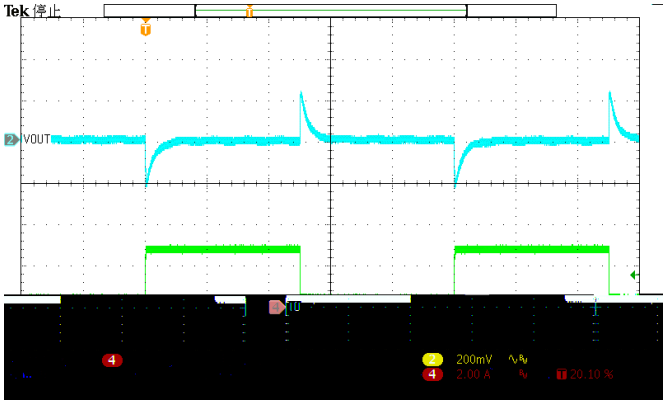

Tek 停止
VIN
3 10.0 V
4 2.00 A
30.00 %

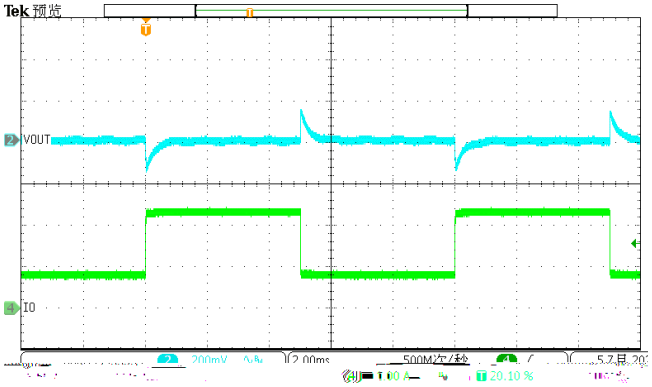

Tek 停止
EN
SW
VOUT
IL
5.00 V
2.00 V
10.0ms
100M次/秒
20.50 %
5 7月 2021

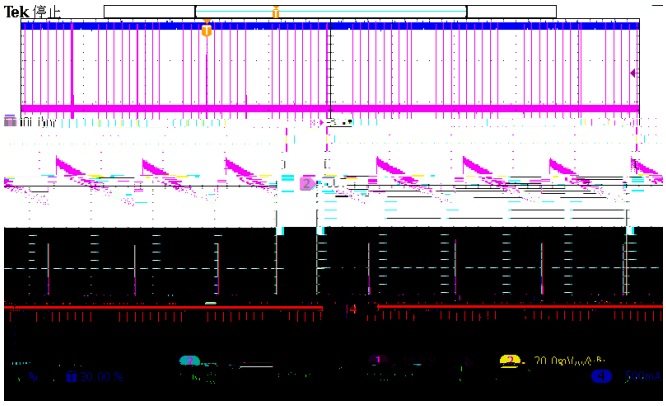

Tek 停止
EN
SW
VOUT
IL
5.00 V
2.00 V
10.0 V
500mA
10.0ms
20.50 %
100M次/秒
10M 点
2.50 V
5 7月 2021
12:04:51

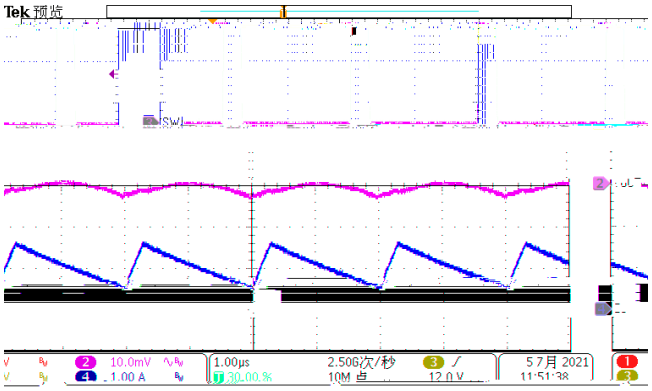

Tek 停止
SW
VOUT
IL
10.0 V
2.00 V
10.0 V
2.00 A
20.0ms
30.00 %
50.0M次/秒
10M 点
12.0 V
5 7月 2021
12:01:24

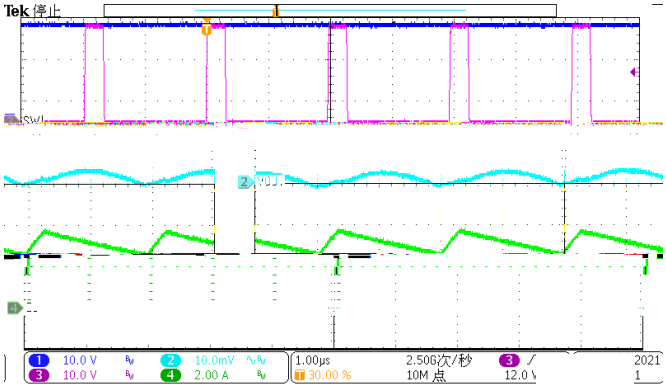

Tek 停止
SW
VOUT
IL
10.0 V
2.00 V
10.0 V
2.00 A
10.0ms
30.00 %
100M次/秒
10M 点
1.60 V
5 7月 2021
12:02:03

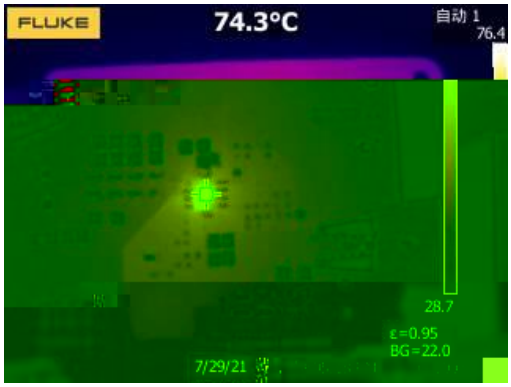

Tek 停止
VOUT
IO
200mV
2.00 A
20.10 %


Tek 预览
VOUT
IO


Tek 停止


Tek 预览
SW1
10.0mV
1.00 A
1.00µs
30.00 %
2.50G次/秒
10M 点
12.0 V
5 7月 2021


Tek 停止
SW1
VOUT
10.0 V
10.0 V
10.0mV
2.00 A
1.00µs
30.00 %
2.50G次/秒
10M 点
12.0 V
2021


FLUKE
74.3°C
自动 1
76.4
28.7
ε=0.95
BG=22.0
7/29/21

1.

2.
3.

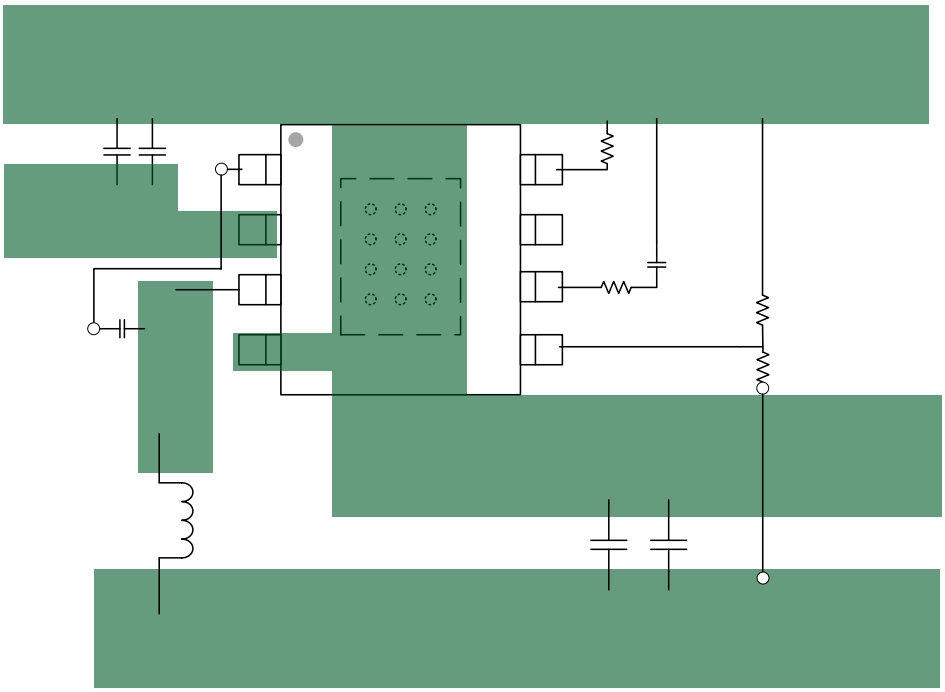
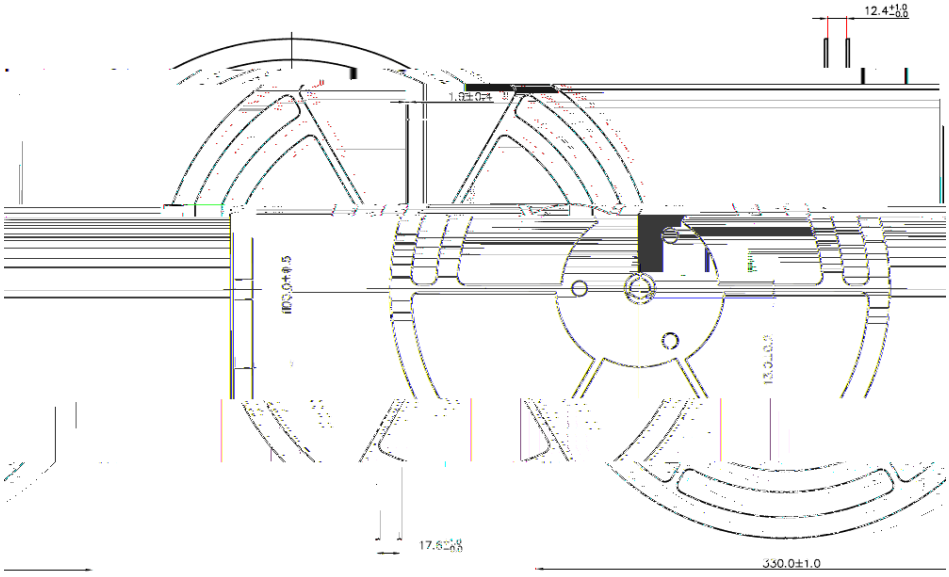
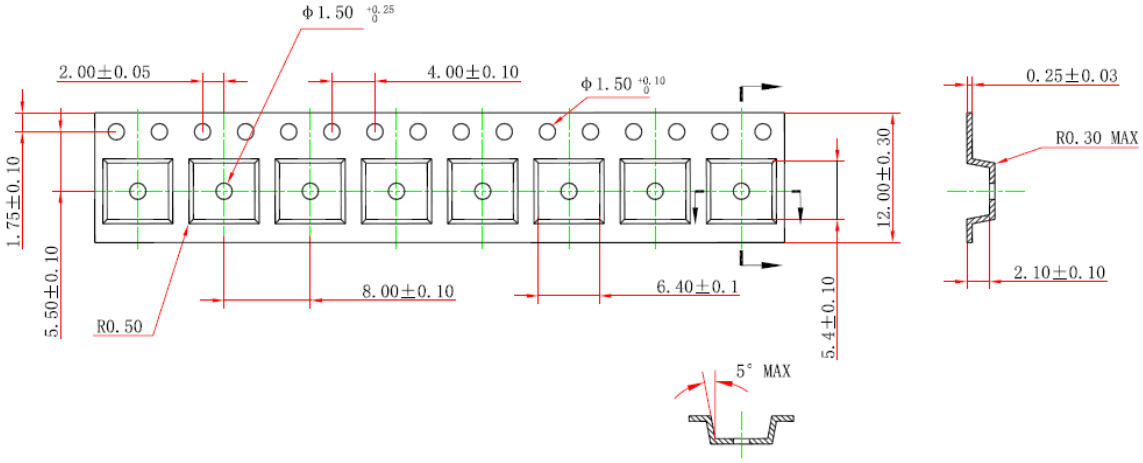
4.

5.

6.

7.

8.
9.



TAPE AND REEL INFORMATION