

## 4.5V-60V Vin, 5A, High Efficiency Step-down DCDC Converter with Adjustable Frequency

### FEATURES

- 
- 
- 
- 

60<sup>TM</sup>-ñ ñ b#

€G



## REVISION HISTORY

## DEVICE ORDER INFORMATION

O Q M L ADQ	O B J F D L Q J H M F	O B J F D C H B Q H M M
1)		

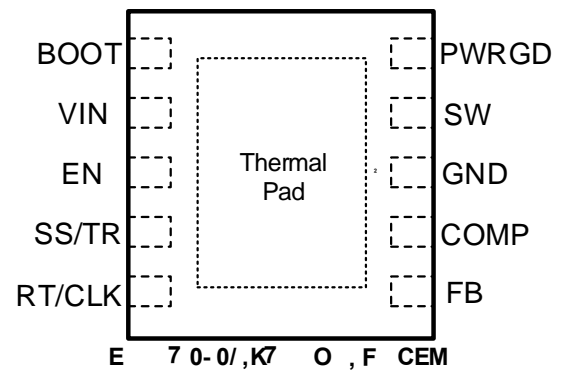
## ABSOLUTE MAXIMUM RATINGS

CD B Q H M M	L H M	L	M H

(1)

(2)

## PIN CONFIGURATION



## PIN FUNCTIONS

M L D	M N -	O H I E M B H M M


**RECOMMENDED OPERATING CONDITIONS**

O Q L D DQ	CDEHMH HM M	L HM	L	MH

**ESD RATINGS**

O Q L D DQ	CDEHMH HM M	L HM	L	MH

(1)

(2)

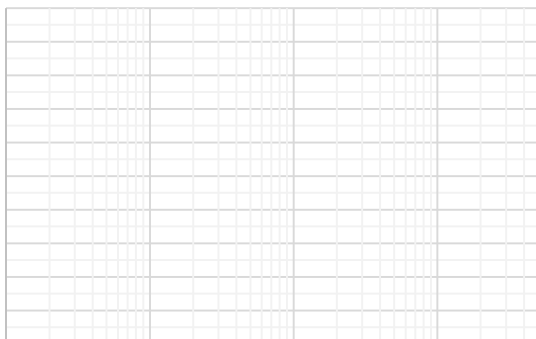
**THERMAL INFORMATION**

O Q L D DQ	GDQL K L D QIB	CEM, 0/ K	MH

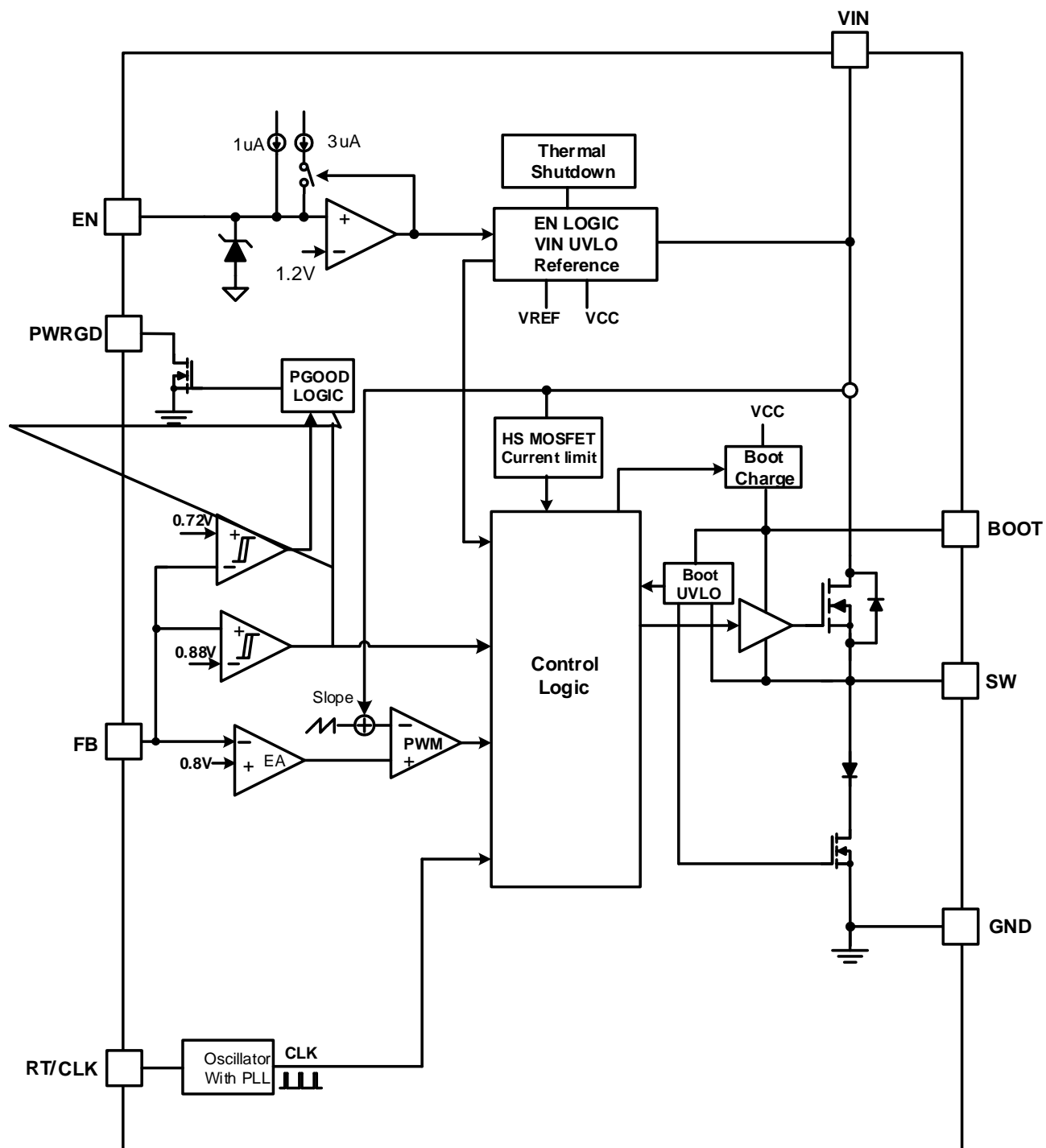
ELECTRICAL CHARACTERISTICS

L ANK	O Q L D DQ	D BNMCH HM	L HM O L	MH
O 7				
O 7 LN ED ,				
Q7 7 7 7 B F K				

**TYPICAL CHARACTERISTICS**



## FUNCTIONAL BLOCK DIAGRAM



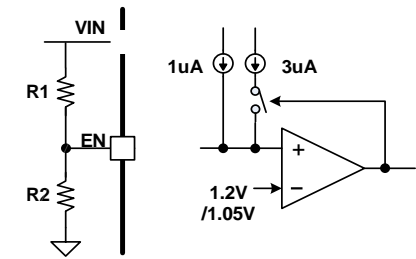
## OPERATION

N 7 7

5

•  
•

N F F F 7



±1%

•  
•

, F 7 F, F F

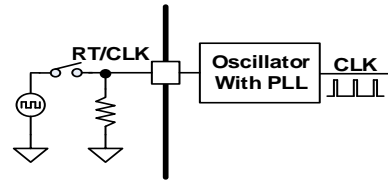
2 2

2 2

•  
•

F E 7 7 B F





5

2

A F,F F 7 Q7 F K C , FN 7 F

2 2

N 7 B 7 FK F

\_\_\_\_\_

2

N 7 F 7 O 7 F

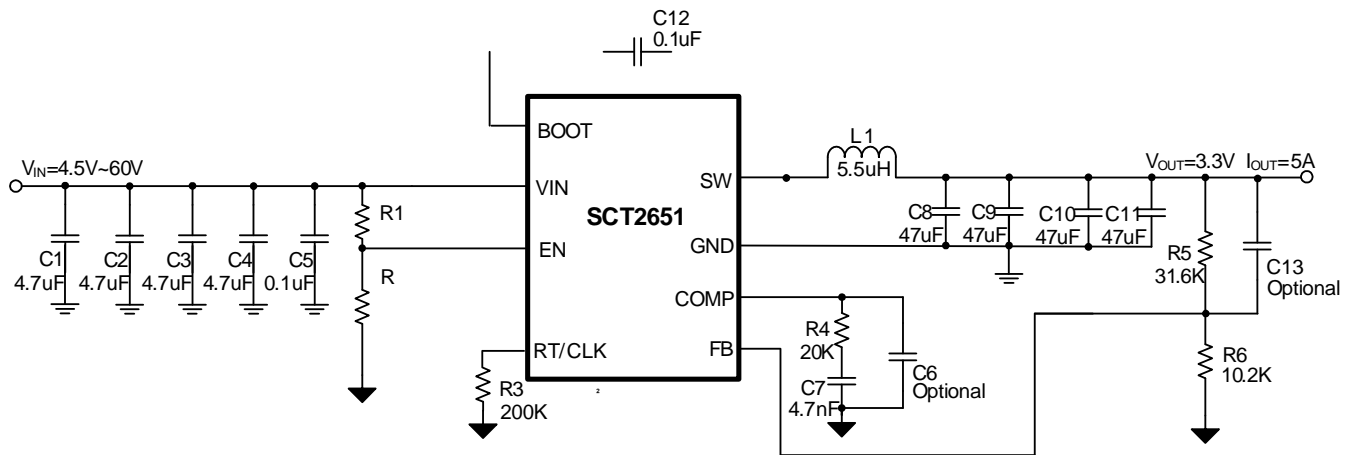
2

O 7 F O QFCO (

7 F "

# APPLICATION INFORMATION

F



E 7 00- B 1540 C7, D( 7 2-2 N F F F O 7 KN

C7, O 7F ,	
C7, O 7F ,	D( 7 7

N F F F 7

N	Q <sub>4</sub>	Q <sub>5</sub>

H F 77 F

- 
- 
- 
- 
- 

- 
- 
- 
- 
- 
- 

- 
- 
- 
-

<sup>2</sup> B 1540 <sup>2</sup>

---

C 7 77 F

<sup>2</sup>                      <sup>2</sup>  
\_\_\_\_\_

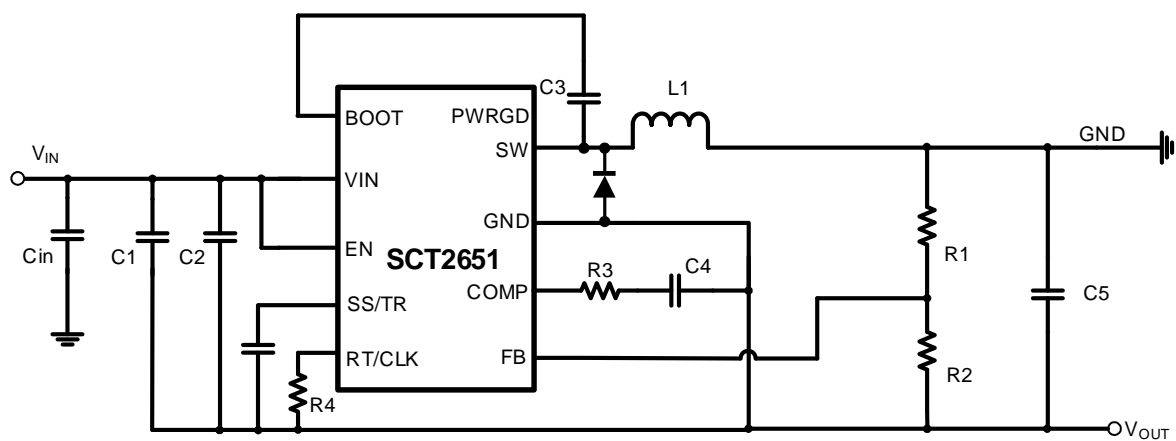
A F F    B    <sup>2</sup>    F    <sup>2</sup>    7 7 F

N F FB    F    7 7 F

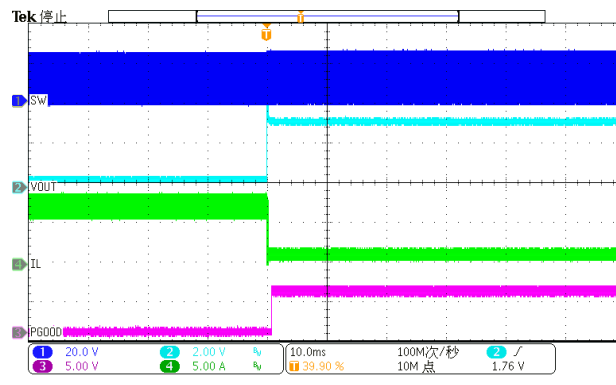
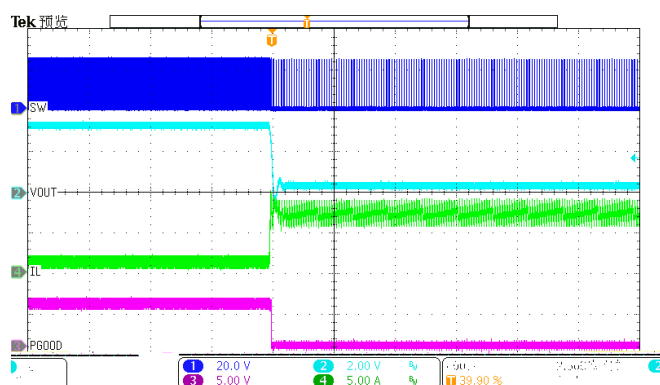
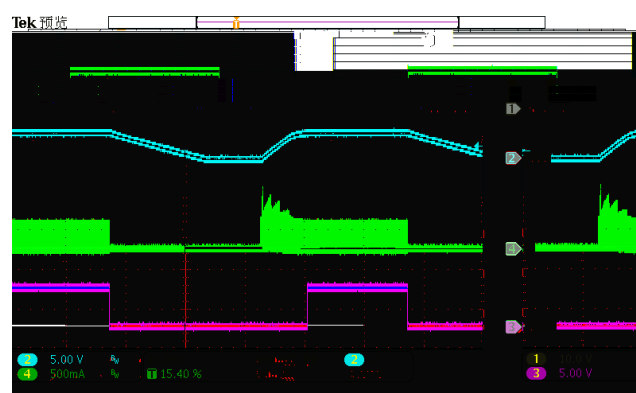
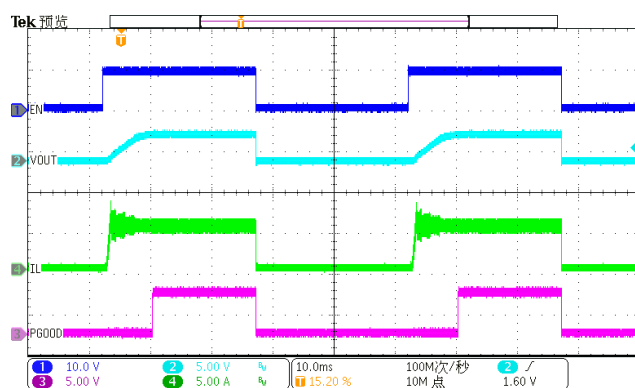
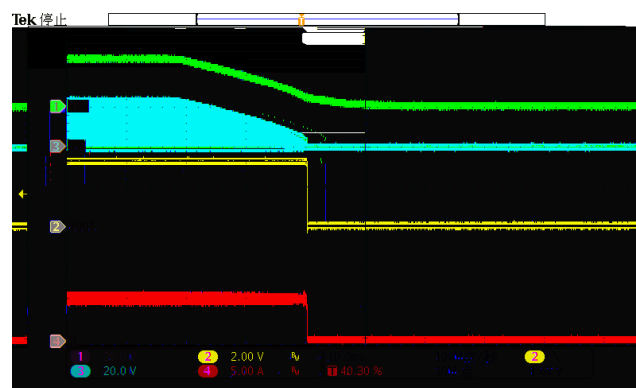
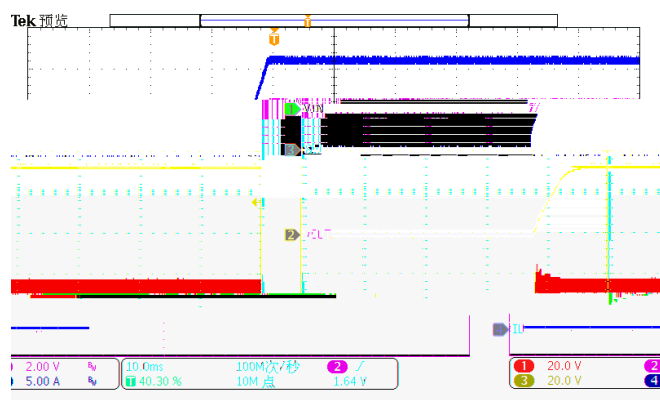






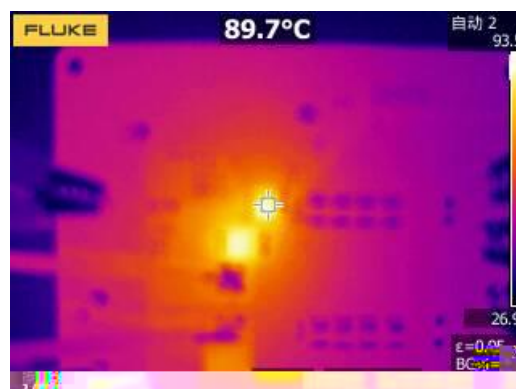
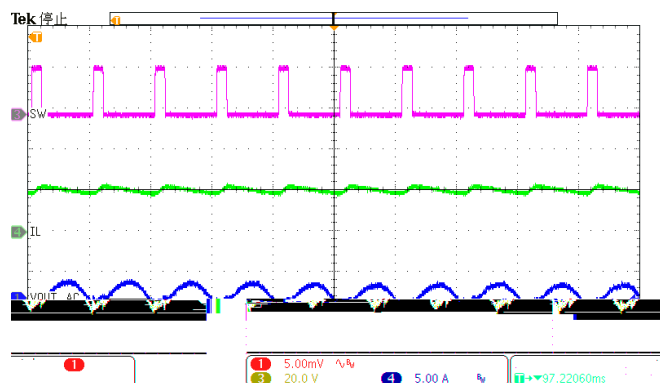
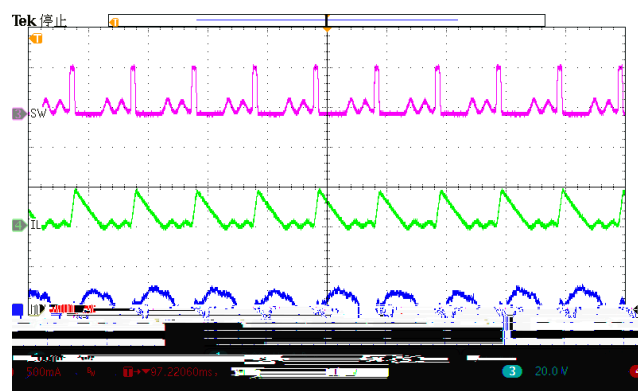
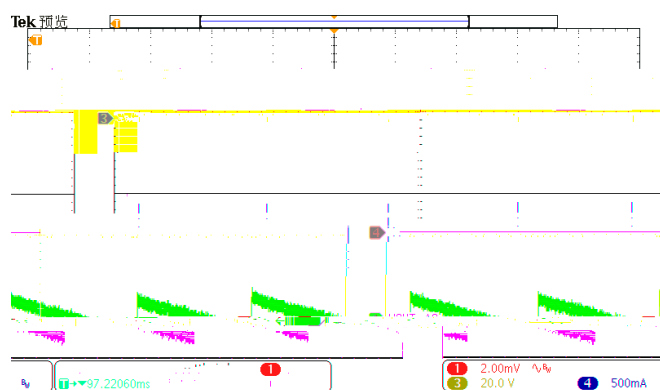
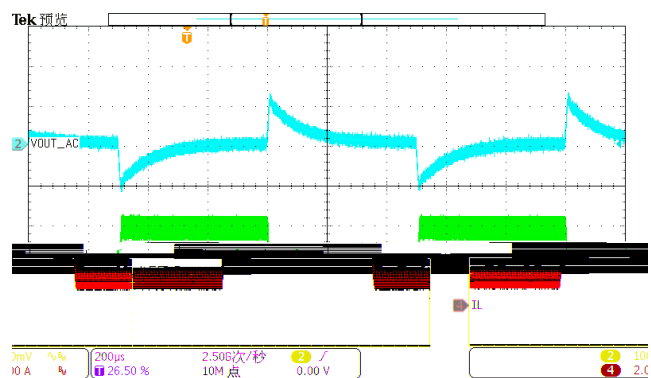
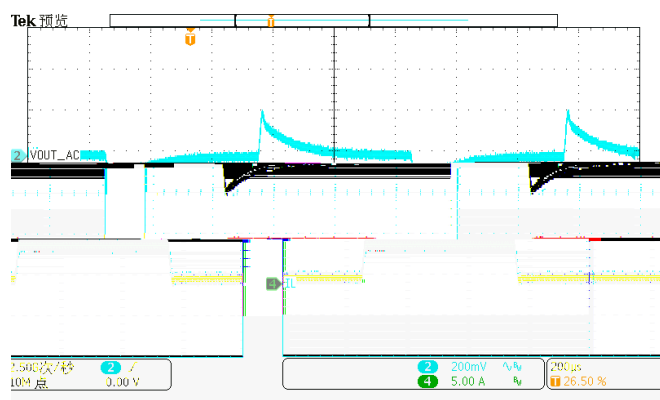


F 7 ,



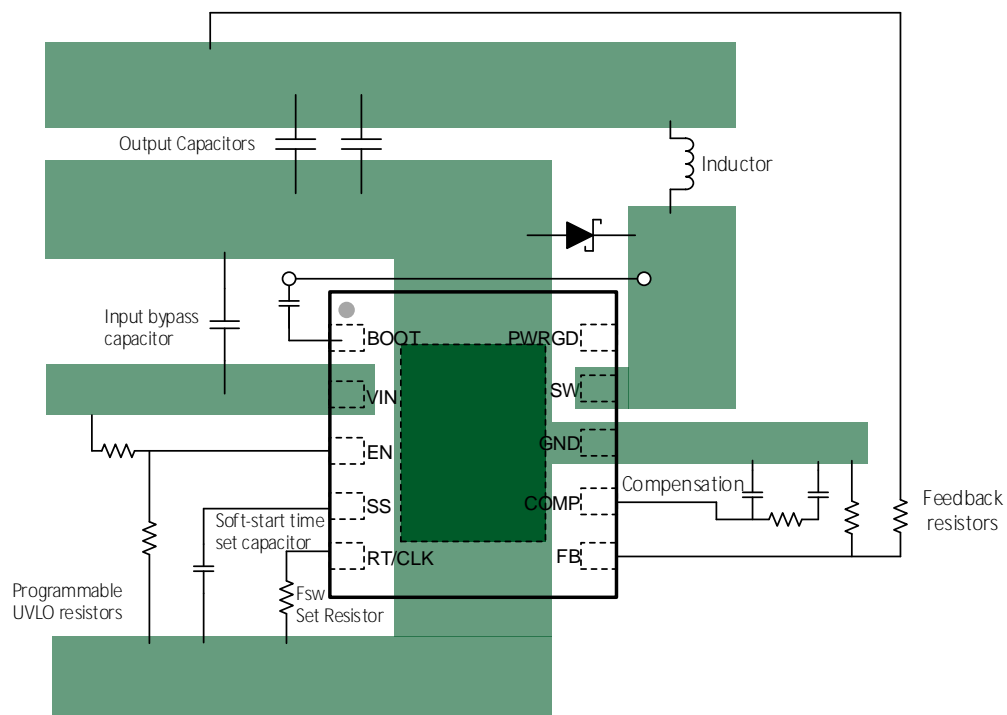
# B 1540

F 7 , F 7 (



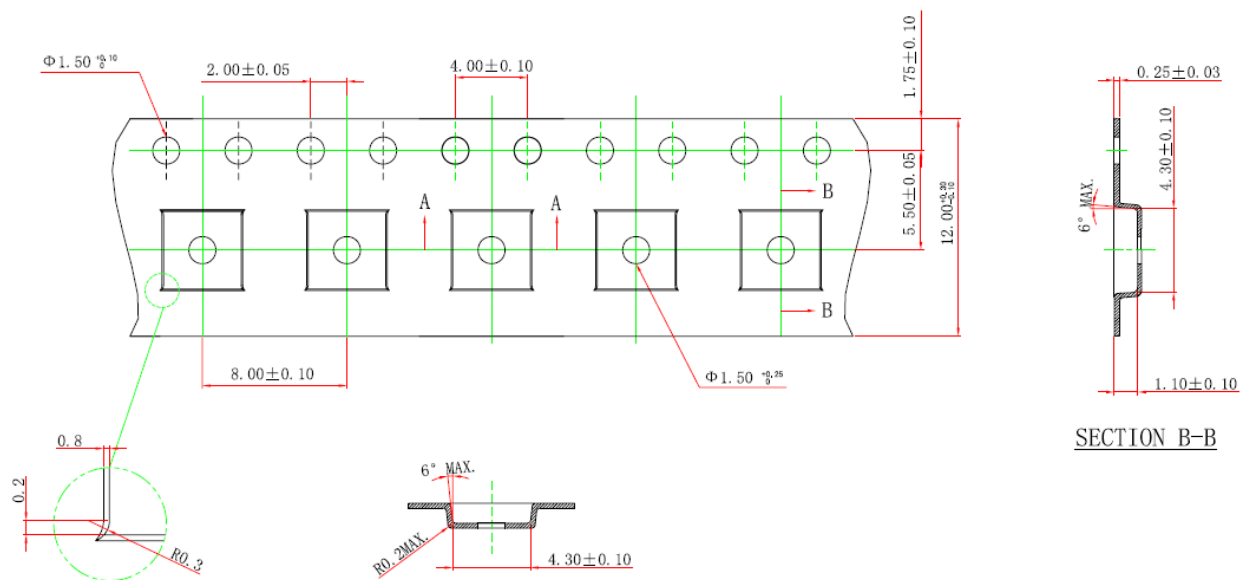
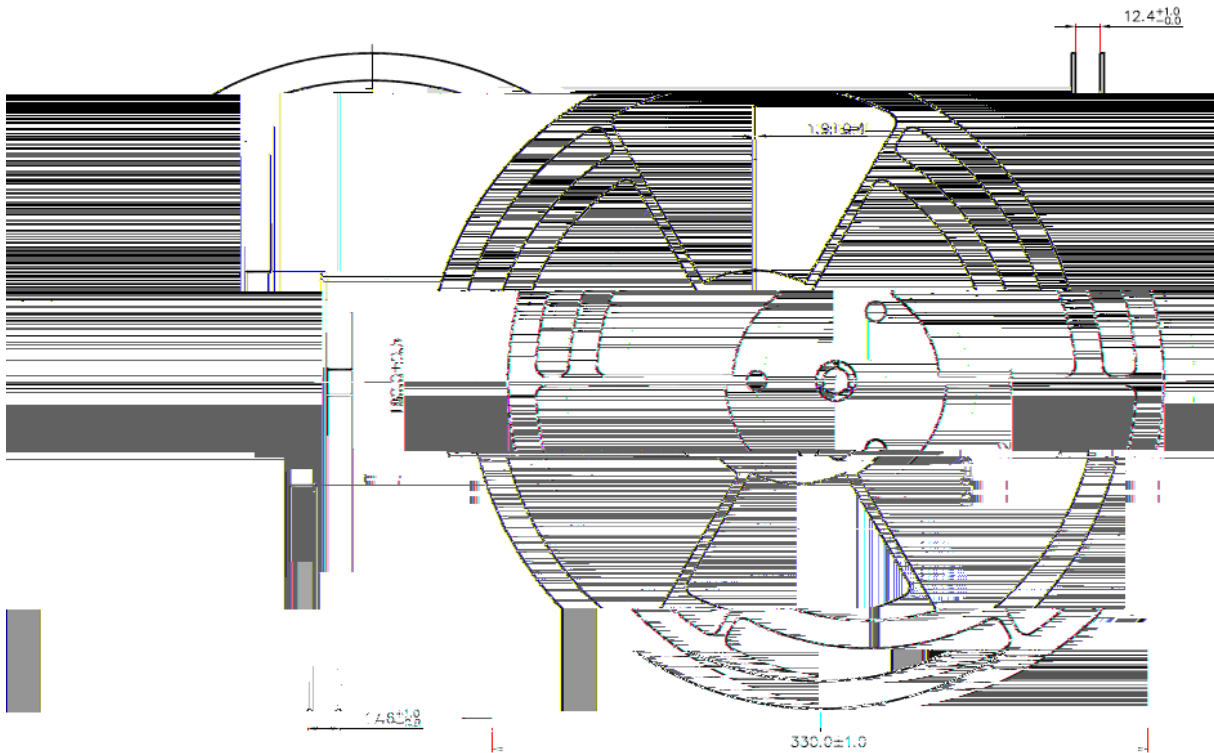
K FF 7 7

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.



**PACKAGE INFORMATION**

# TAPE AND REEL INFORMATION

SECTION B-B