5.5V-100V Vin, 4A Peak Current Limit, High Efficiency Asynchronous Step-down DCDC Converter with a 200mA LDO Integrated

LM K

NAKAGF AKLG

NA G F AF G E LAGF

DG9: G67A: 9: K>8:	E68 6 >C INE:	HI6C96G9 E68 FIN	E68 6 : B6G >C	E>CH	E68 6 : 9: H8G>EI >DC	BHA
		□□□				

KGDML E PÆME LAF K

9: H8G>EI >DC	B>C	B6M	C>
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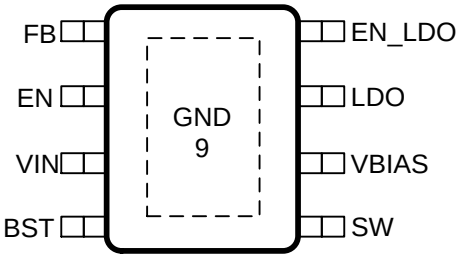
HAF GF A M LAGF



g -"A VY Eavhi X: "HDE

		a) □ □ b) c)

□ GEE□F □ GH□ LÆF GF ÆLÆGFK

E6G6B:I:G	9: >C↑>ÐC	B>C	B6M	C↑
			□□	
			□	
		□	□	

□K LÆF K

E6G6B:I:G	9: >C↑>ÐC	B>C	B6M	C↑
	□□ □			
	□□ □	□	□	

(1) □□
(2) □

L □ E DÆF G E LÆGF

E6G6B:I:G	I=:GB6AB:IG>8	:HDE"-A	C↑

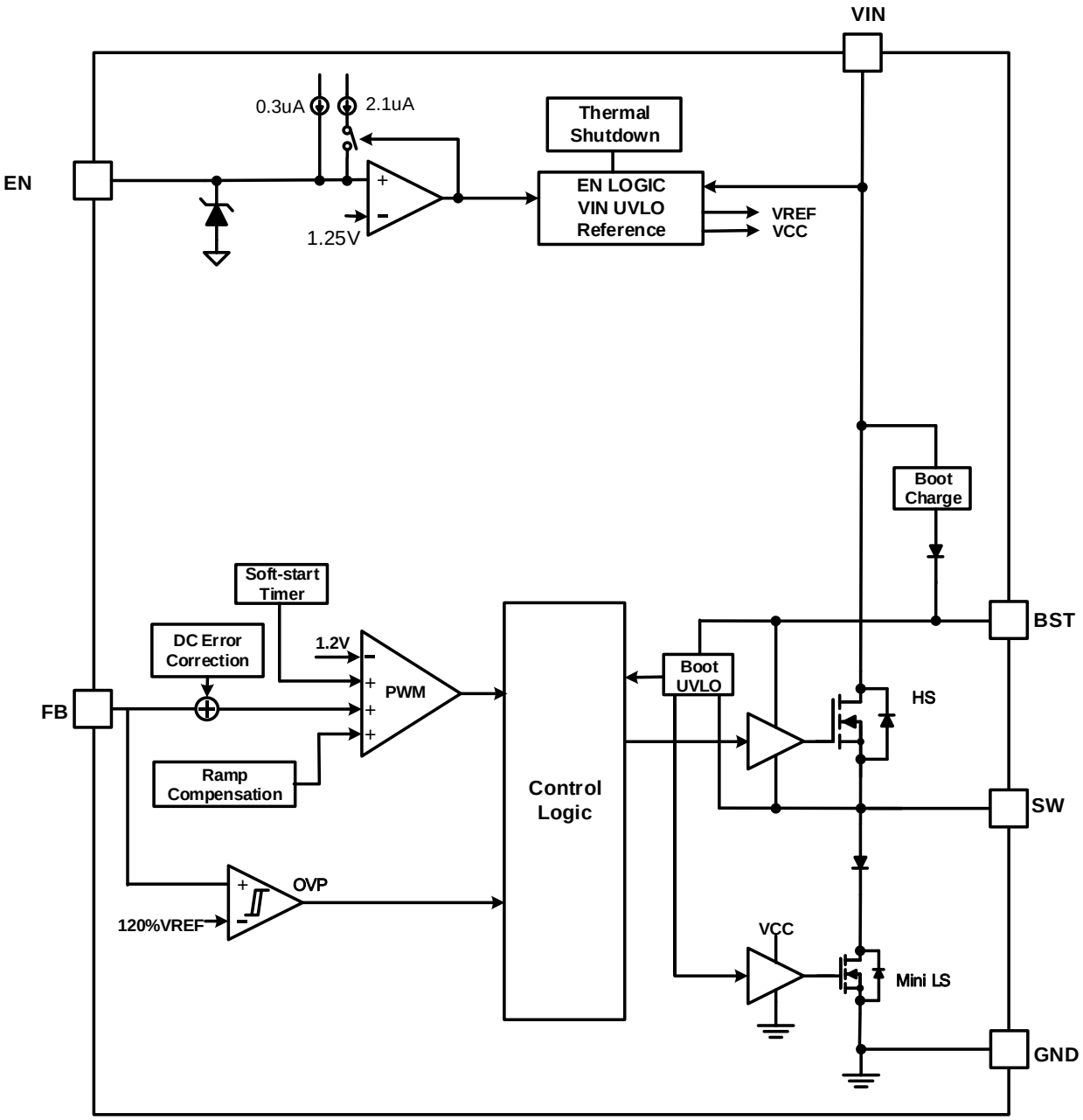
D L A D L AKLAK

HNB7DA	E6G6B:I:G	I:HI 8DC9>>DC	B>C INE B6M	C>

EdI gH eean

L HA D L AKLAK

MF LAGF D DG C A E



GH LAGF

Dk gk l

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8dchiVci Dc'l b BdY 8dcigda

: cVWa VcY cY gKdaiV AdX d i l g h daY

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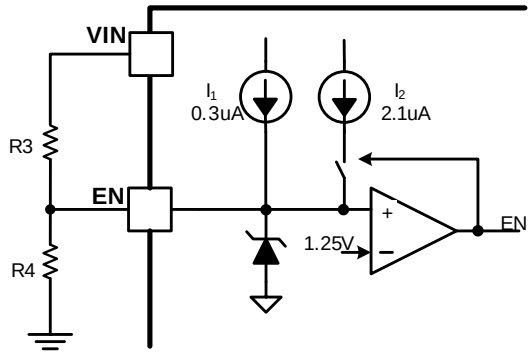

A9D

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lVWa /A9D : cVWa 8dcigda

: CTA9D	HiVi h
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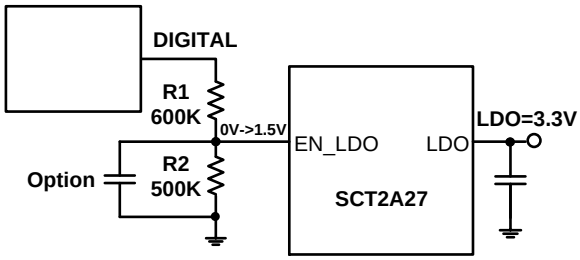

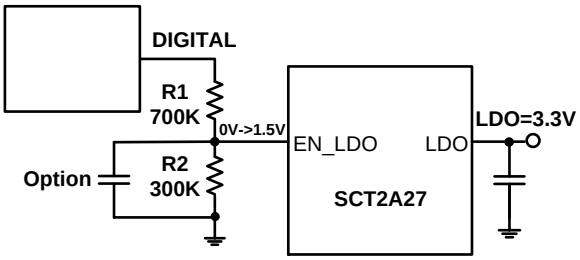

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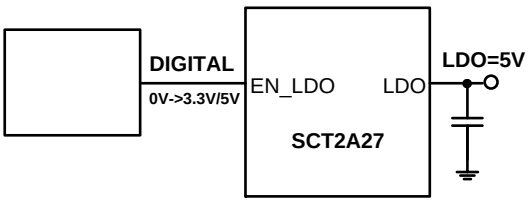
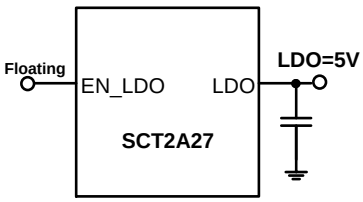
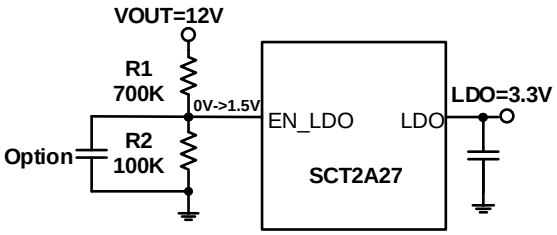
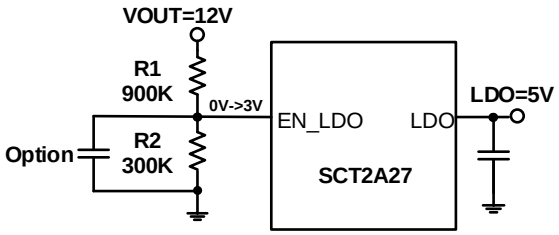

DIGITAL
0V->3.3V/5V
EN_LDO
LDO
LDO=5V
SCT2A27


Floating
EN_LDO
LDO
LDO=5V
SCT2A27


VOUT=12V
R1
700K
0V->1.5V
Option
R2
100K
EN_LDO
LDO
LDO=3.3V
SCT2A27


VOUT=12V
R1
900K
0V->3V
Option
R2
300K
EN_LDO
LDO
LDO=5V
SCT2A27

D ie i KdáV

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>ci gcVaHd i'HiVgj

7ddihigVe KdáV G aMidg

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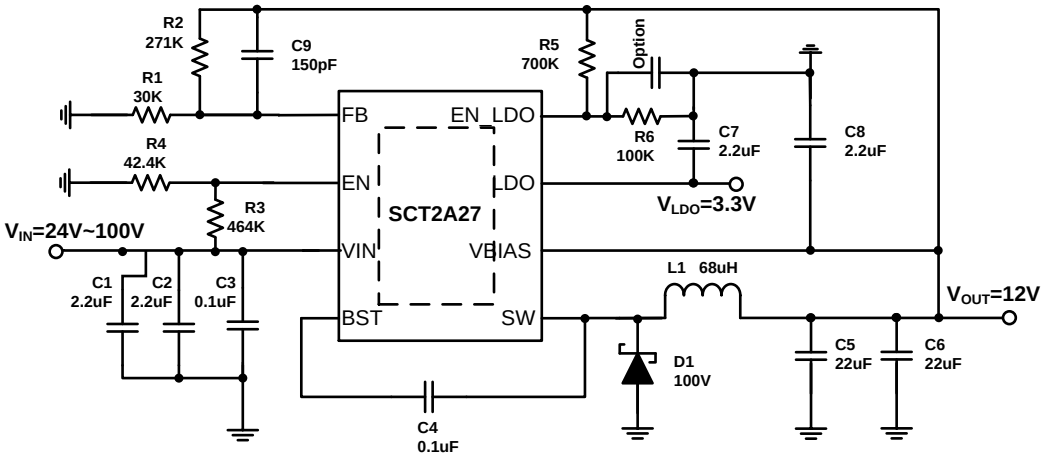
HHDA LAGF AF G E LAGF

I ne XVaVeeaXVi dc



g H8I 6 , 9 h c:mVb ea!7 8 KD ie i!A9D((KD ie i

9 h c EVgVb i gh

9 h c EVgVb i gh	:mVb ea KVa
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D ie i KdáV

KD I	**G**	**G**

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>ce i 8VeVXidgH aXi dc

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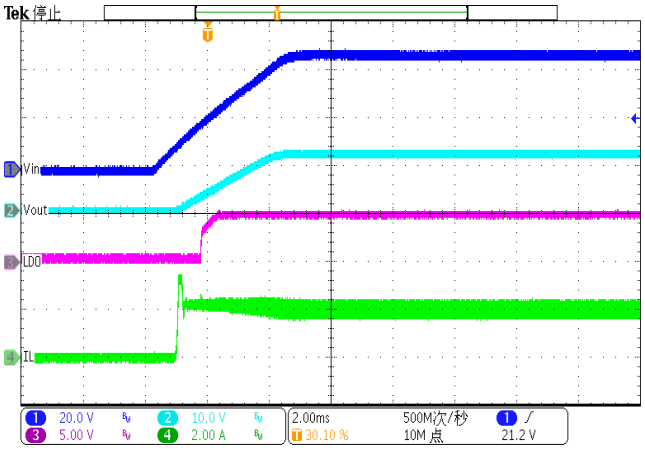
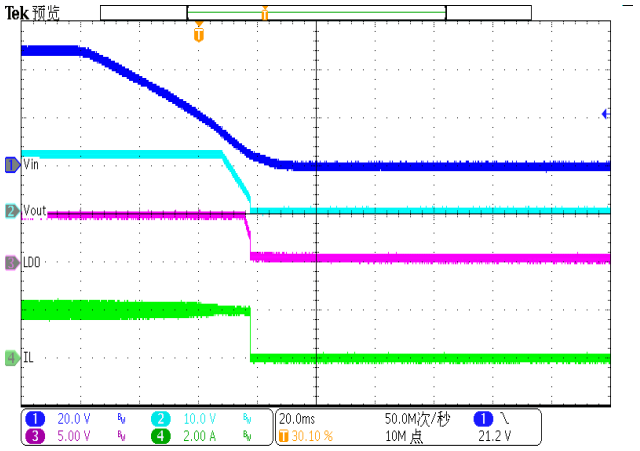
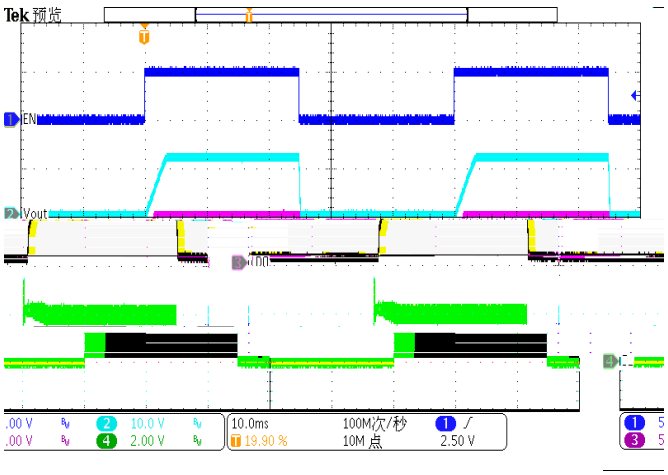
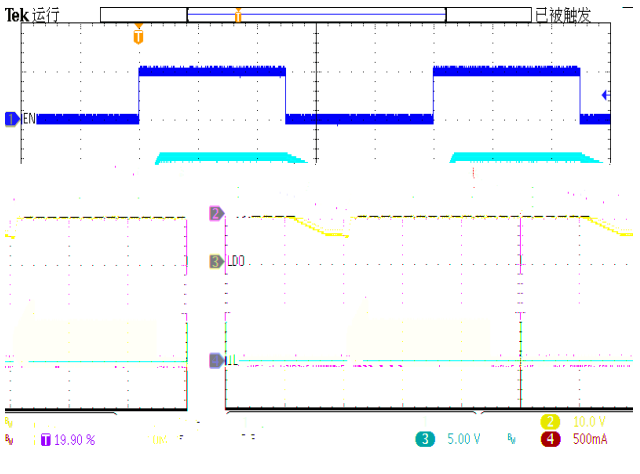
D ie i 8VeVXidgH aXi dc

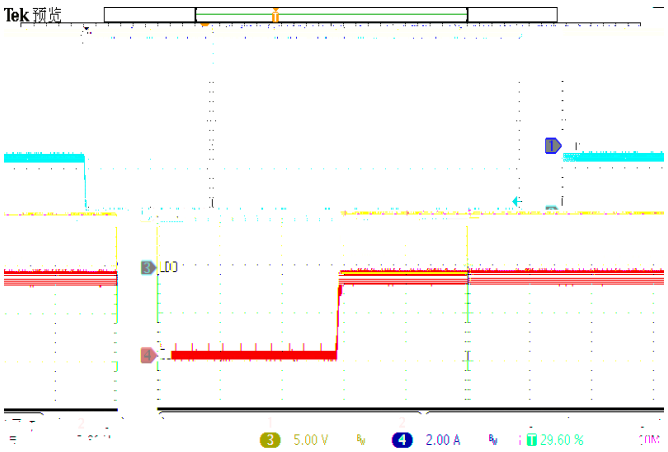
6 eeaXVi dc L Vk dgb h

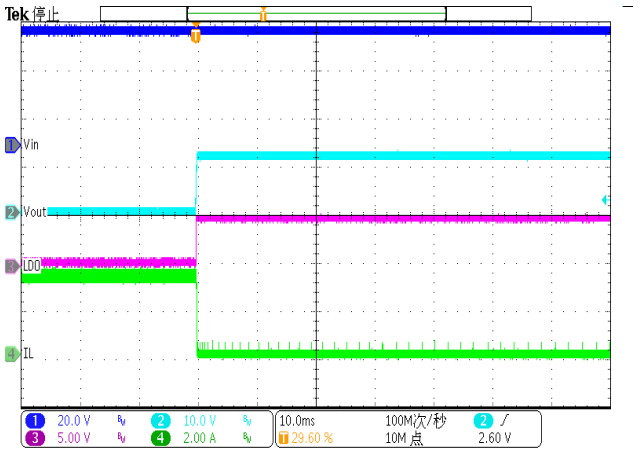












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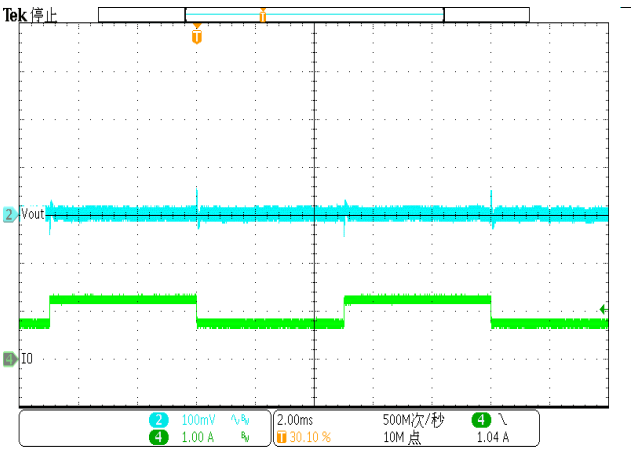

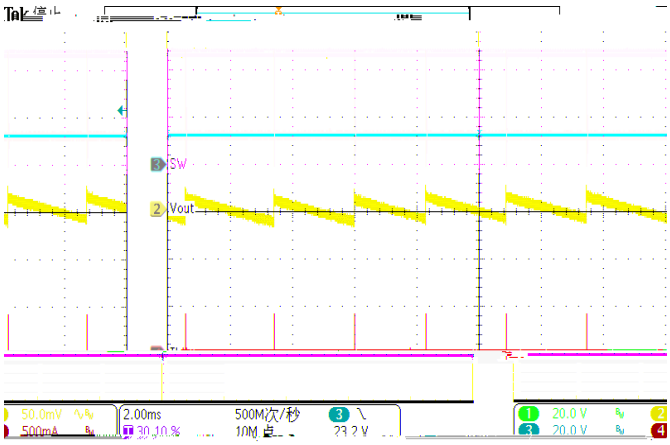

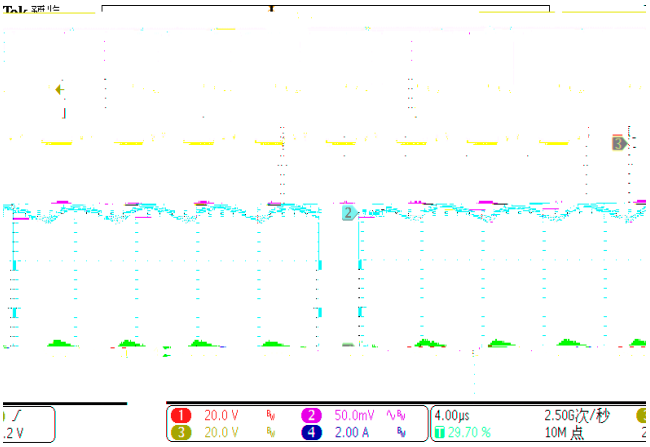

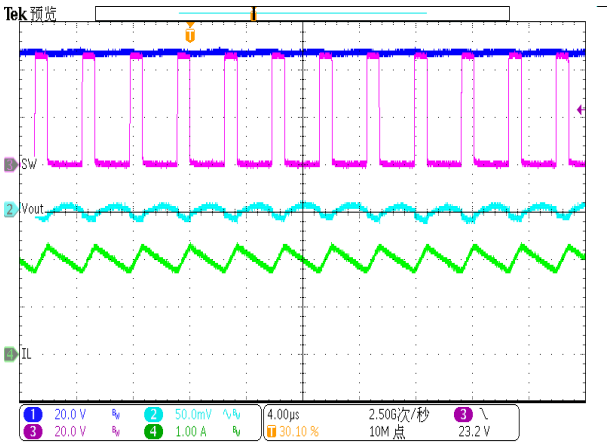

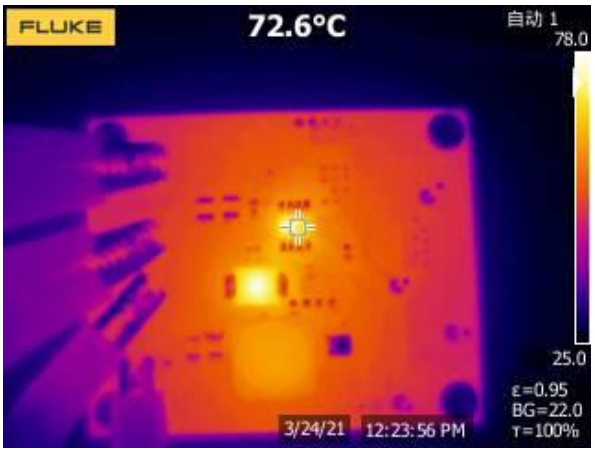

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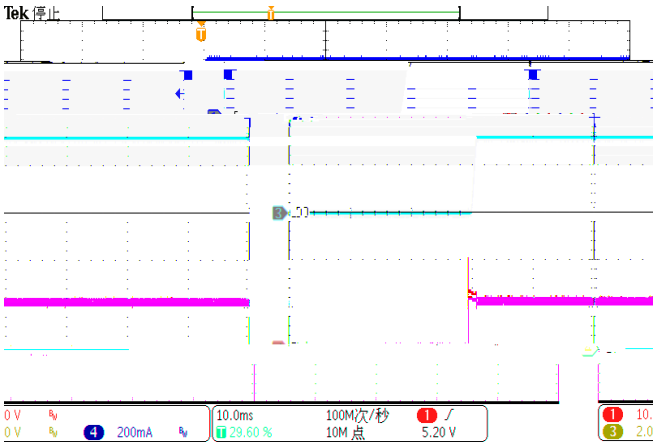

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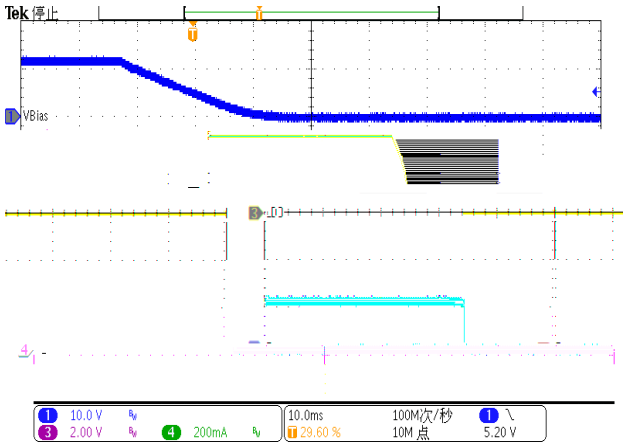

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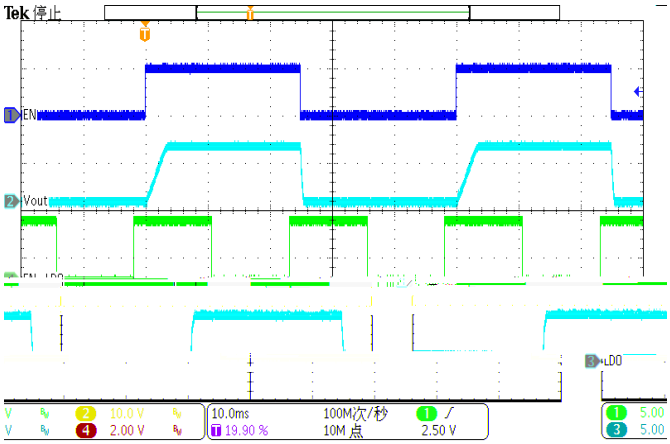

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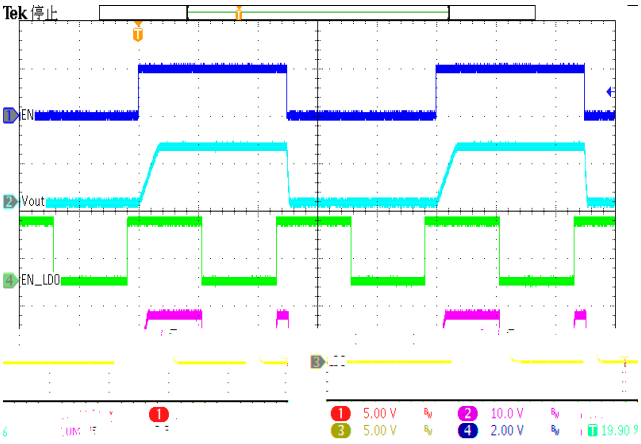

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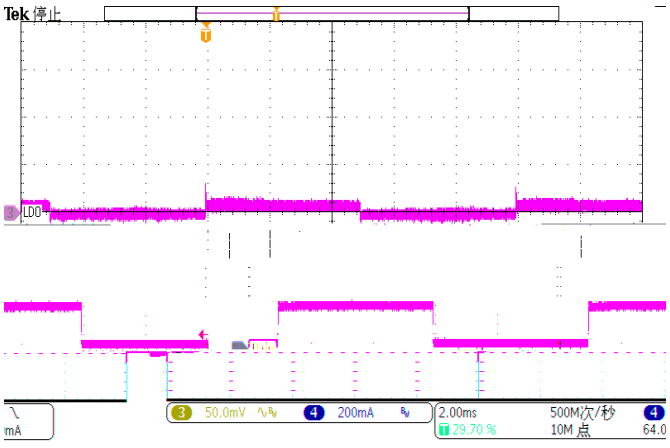

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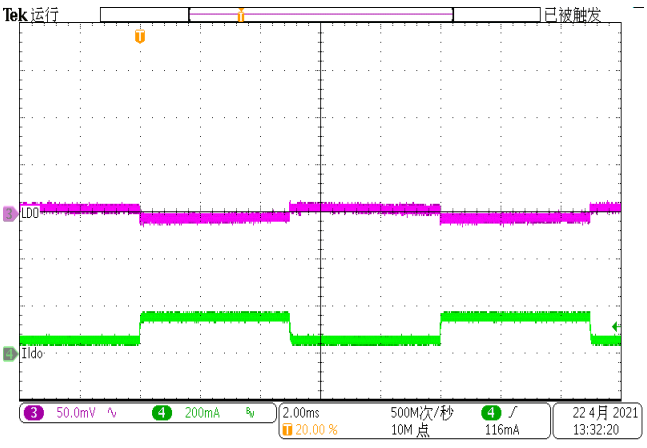

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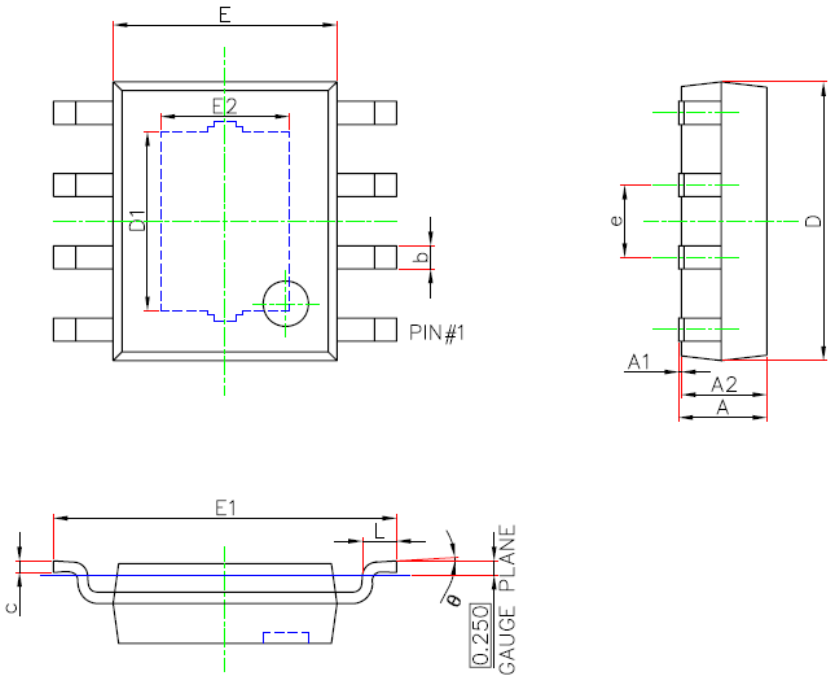

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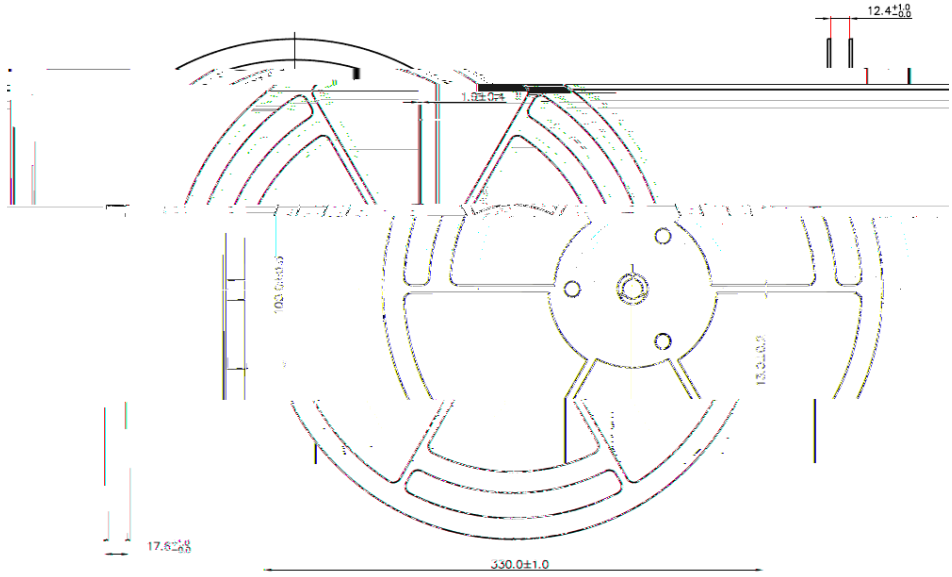

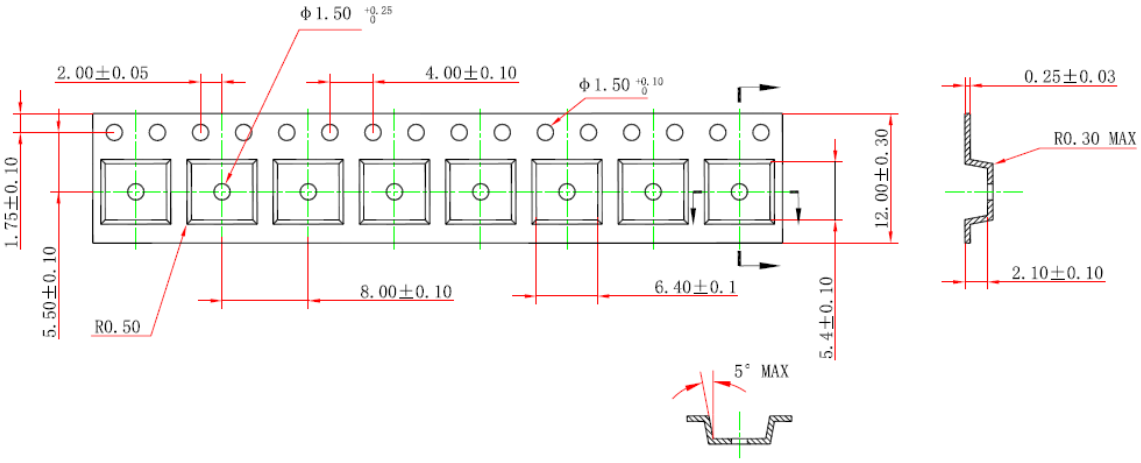

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