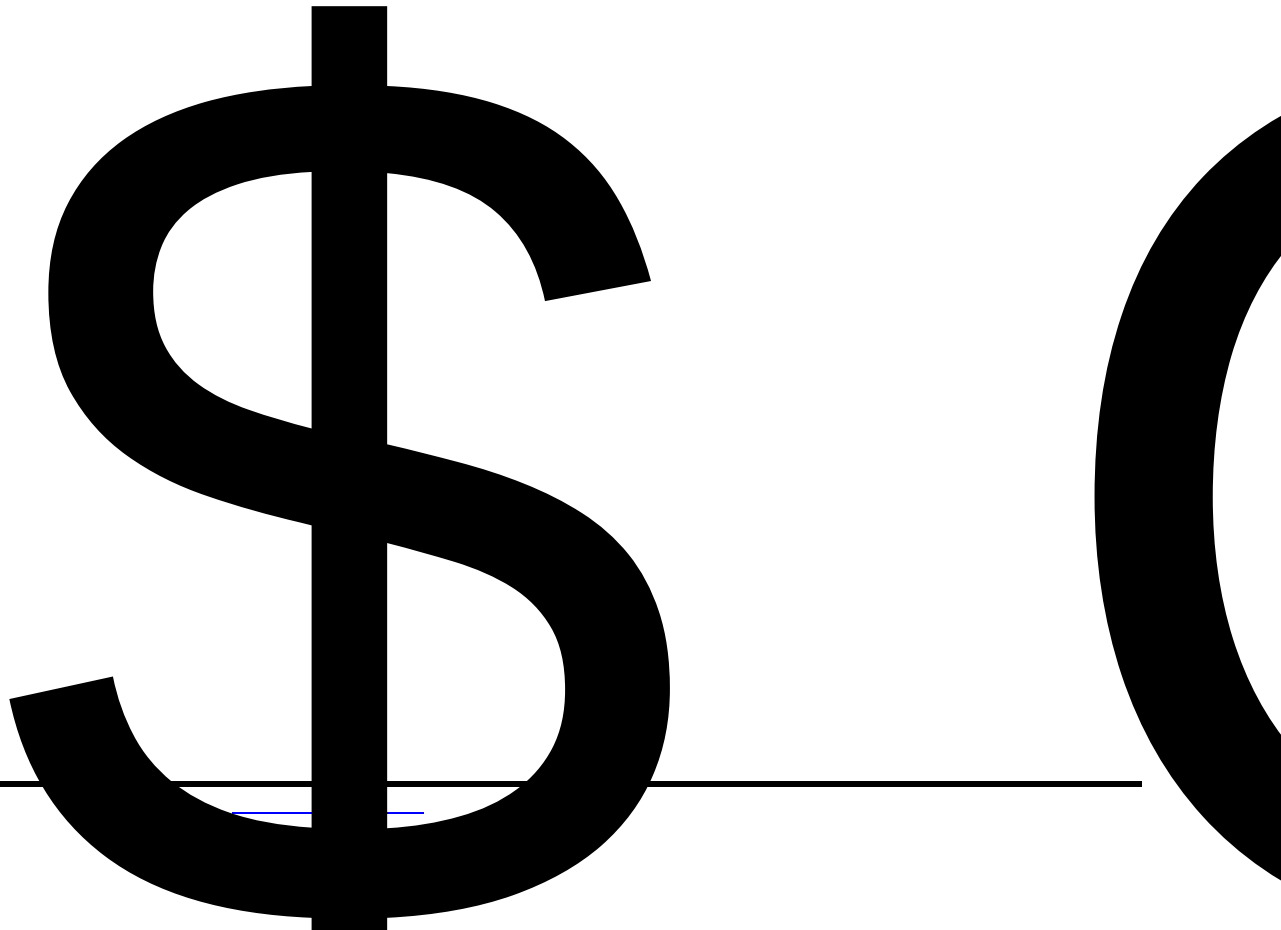


3.8V-36V Vin, 5A, High Efficiency Synchronous Step-down DCDC Converter with Adjustable Frequency

FEATURES

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REVISION HISTORY

DEVICE ORDER INFORMATION

A3 4 A0 1 4 3 4 8 4	0 2 0 6 8=6 4	0=30 A3 0 2	0 2 0 6 4 0 A 8=6	8=	0 2 0 6 4 3 4 2 A8 8 =

ABSOLUTE MAXIMUM RATINGS

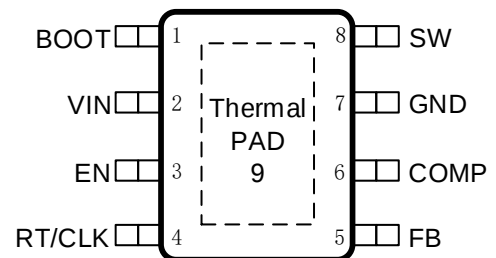
3 4 2 A8 8 =	8=	0	=8

(1)

(2)

(3)

PIN CONFIGURATION



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PIN FUNCTIONS

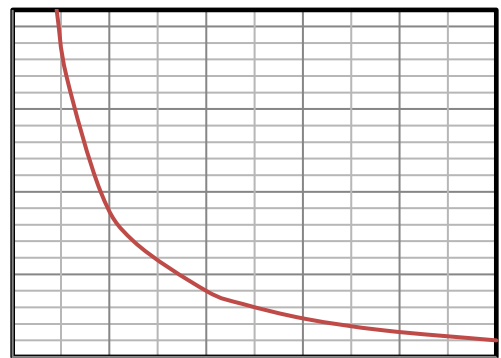
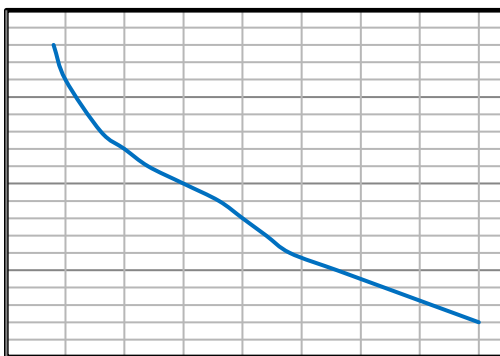
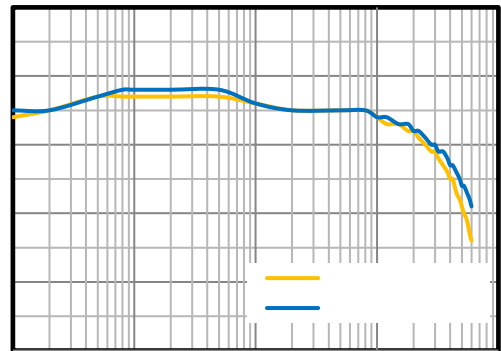
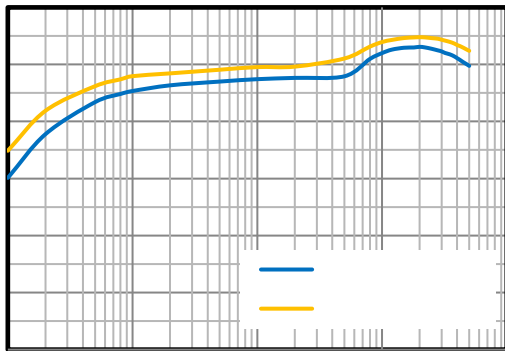
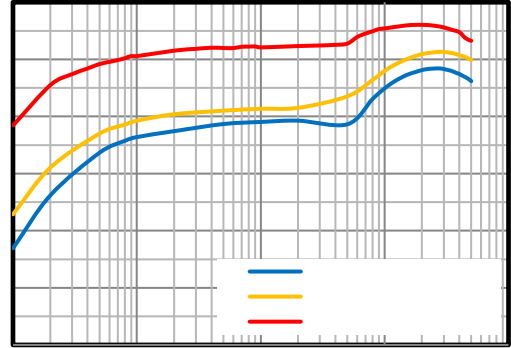
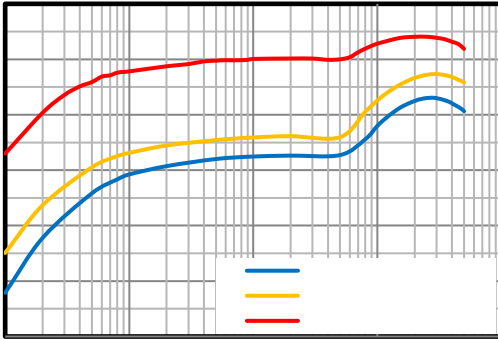
=0 4	=	8= 5 =2 8 =

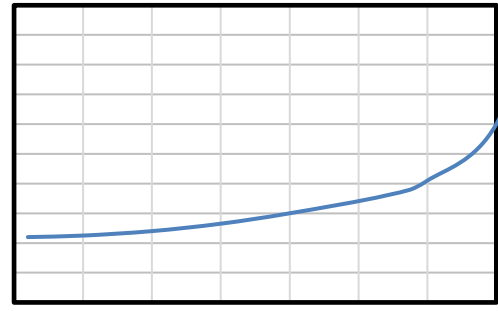
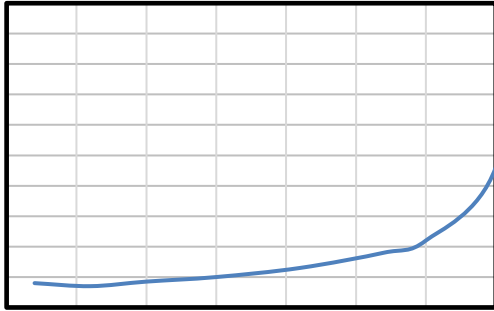
ELECTRICAL CHARACTERISTICS

1	0 A0 4 4A	4 2 =388 =	8=	0	=8
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A , 2					
2 2 ,					
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1	0 A0 4 4 A	4 2 = 3 8 8 =	8= 0	= 8

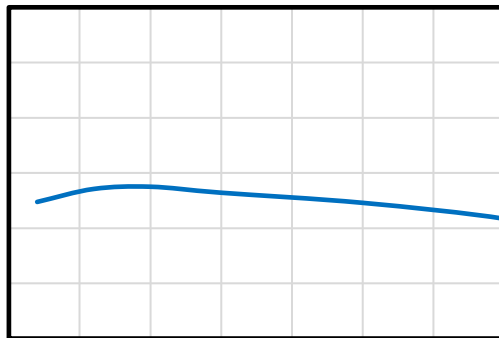
TYPICAL CHARACTERISTICS



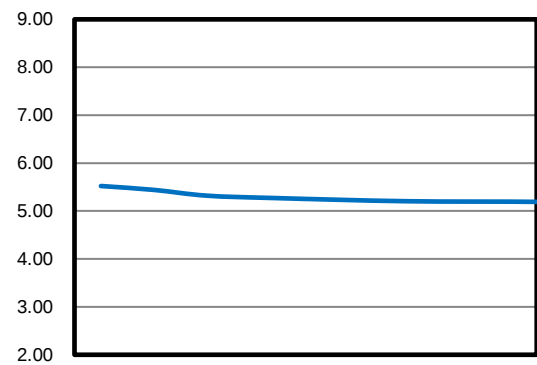


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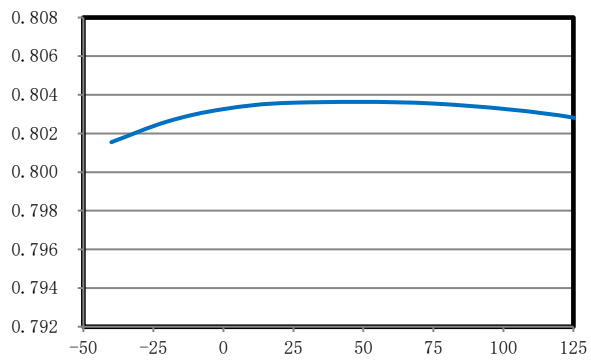


-50 -25 0 25 50 75 100 125



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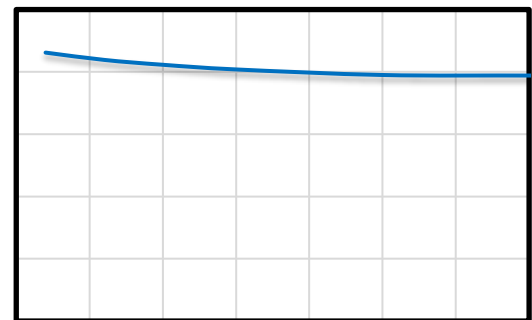
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0.808
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0.804
0.802
0.800
0.798
0.796
0.794
0.792

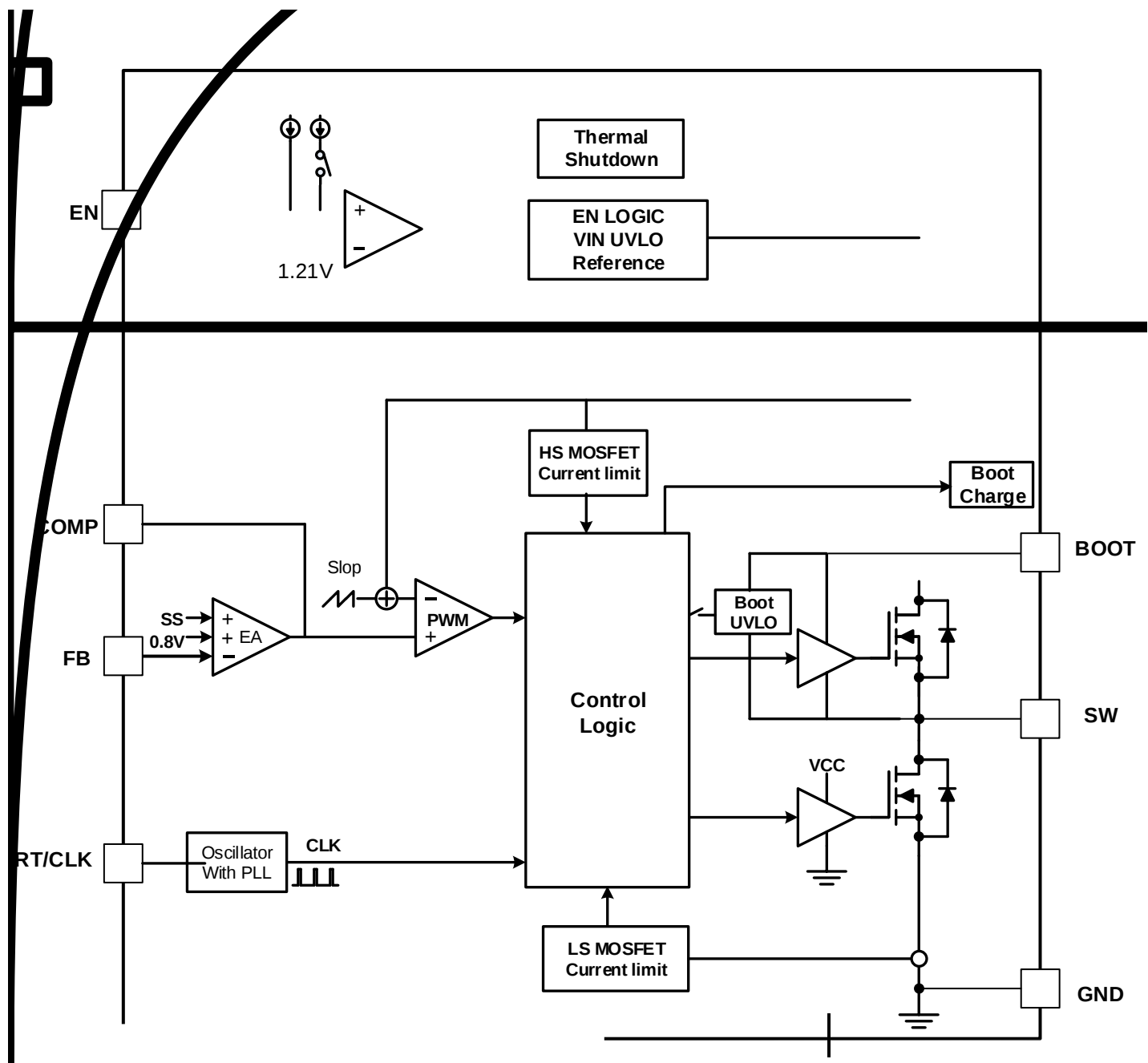
-50 -25 0 25 50 75 100 125

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Temperature (°C)

FUNCTIONAL BLOCK DIAGRAM



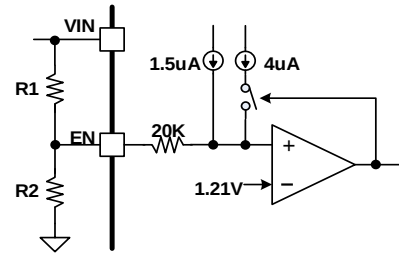
OPERATION

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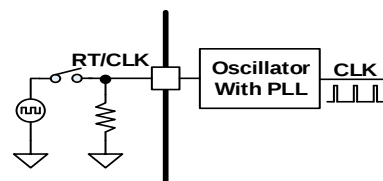
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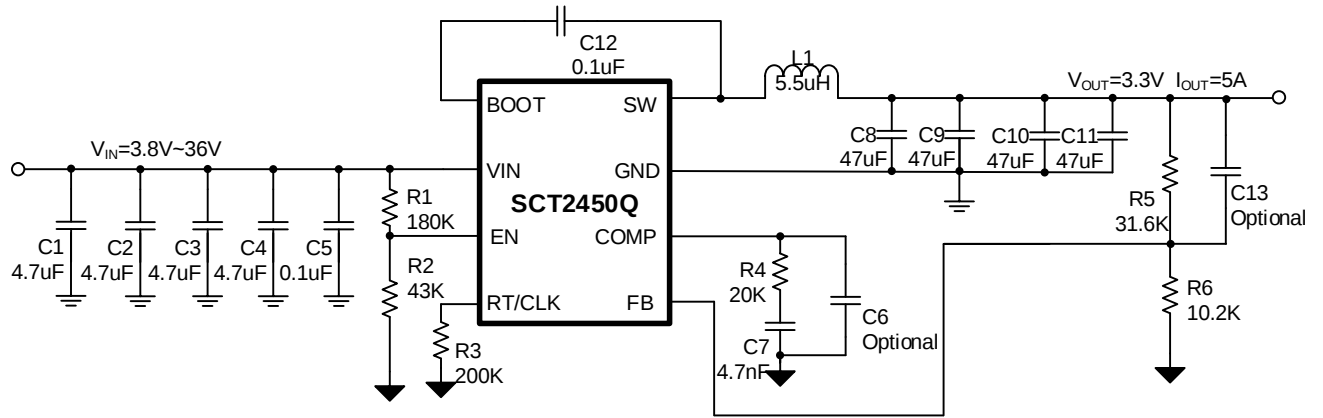
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APPLICATION INFORMATION

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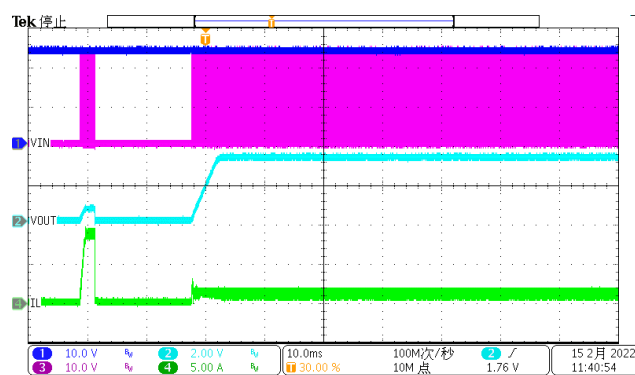
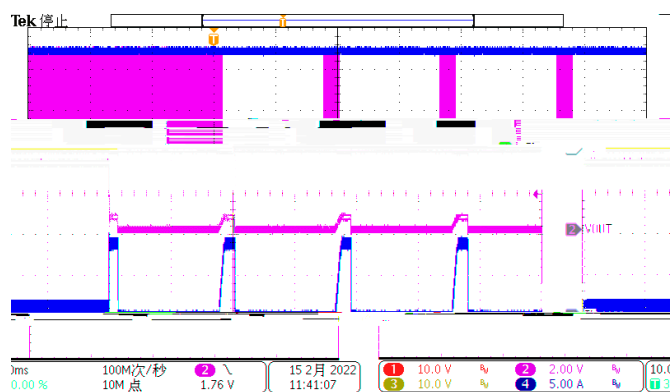
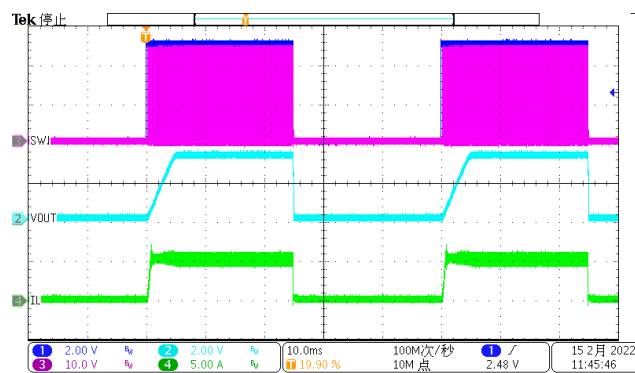
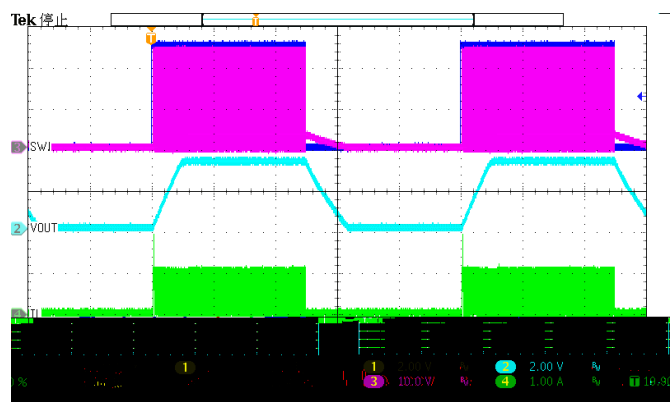
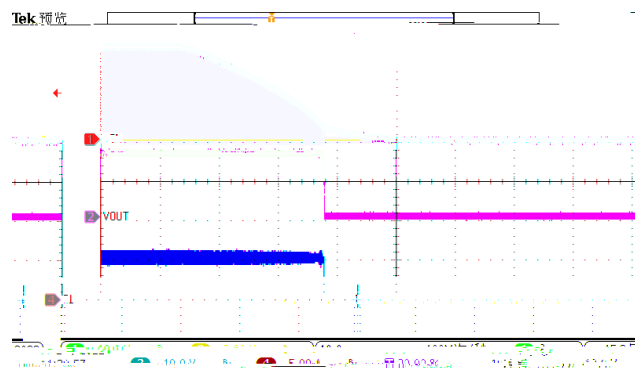
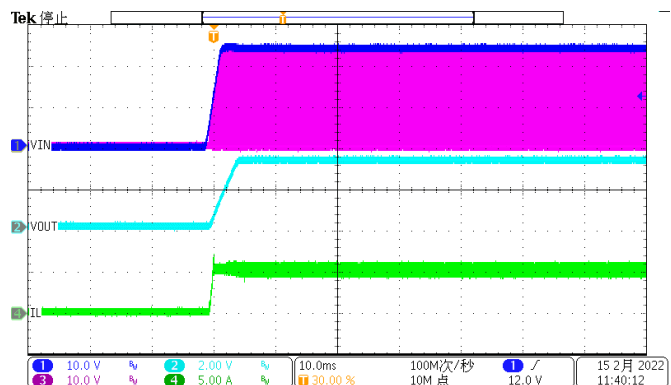
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