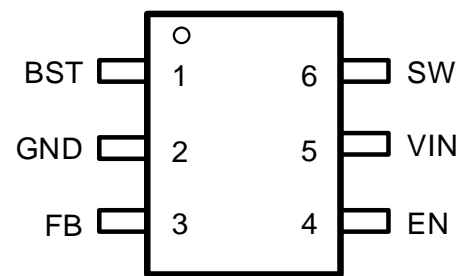





Over operating free-air temperature unless otherwise noted <sup>(1)</sup>

DESCRIPTION	MIN	MAX	UNIT
VIN, EN	-0.3	47	V
BST	-0.3	54	V
SW	-1	47	V
SW <10ns	-2.5	49	V
BST-SW	-0.3	7	V
FB	-0.3	6	V
Operating junction temperature <sup>(2)</sup>	-40	150	C
Storage temperature T <sub>STG</sub>	-65	150	C



6-Lead Plastic TSOT23-6

(1)

(2)

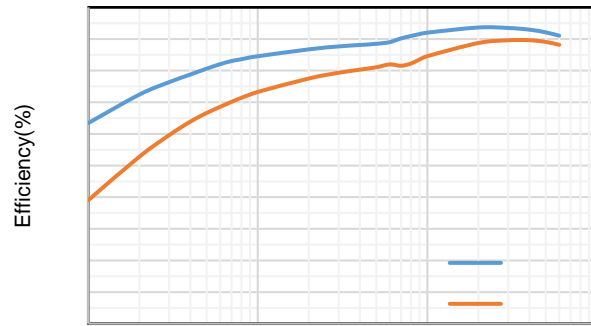




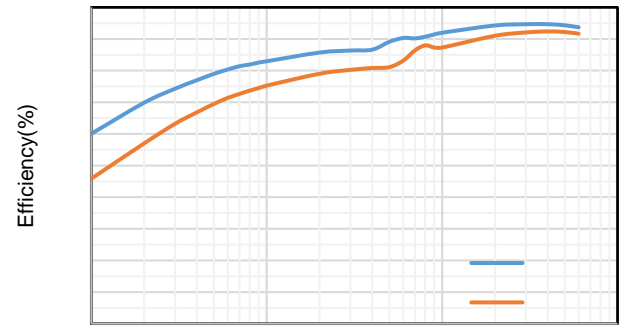
(1)  
(2)


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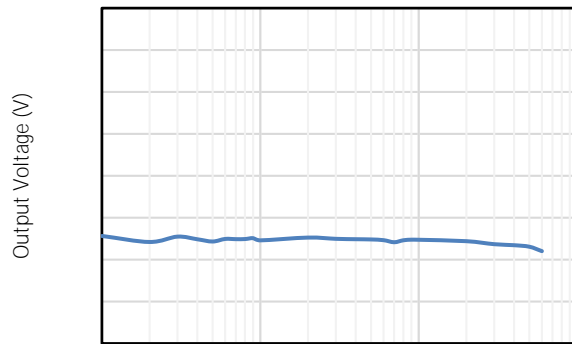


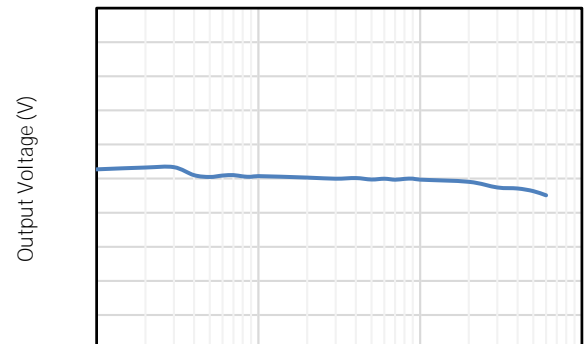
IOUT(A)



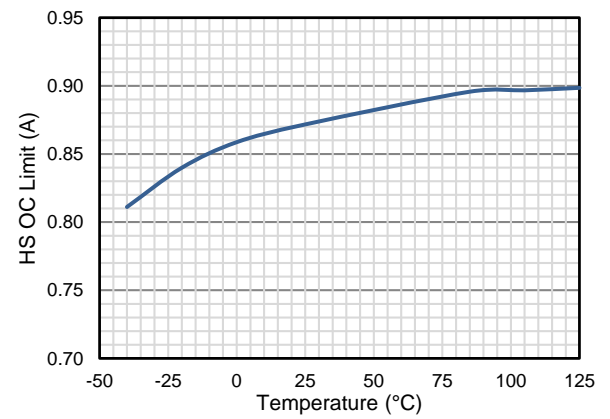
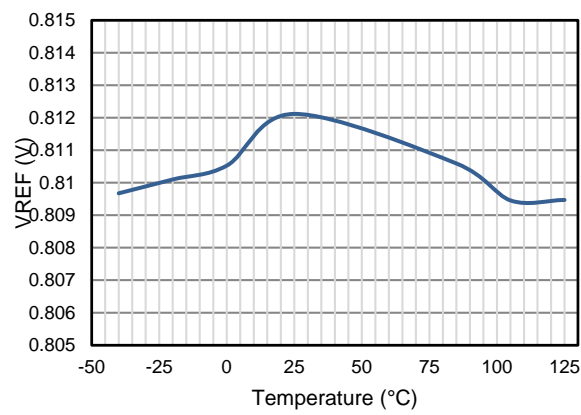
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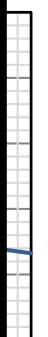


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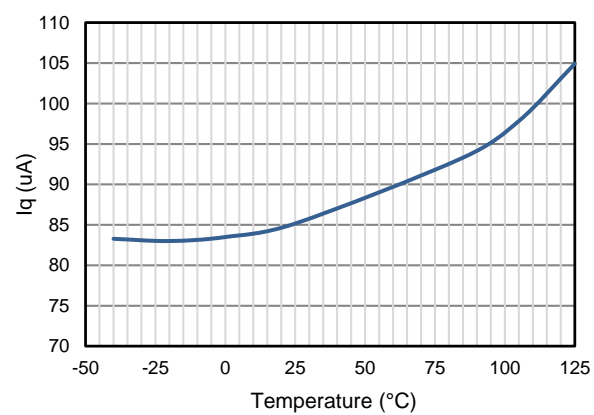


IOUT (A)





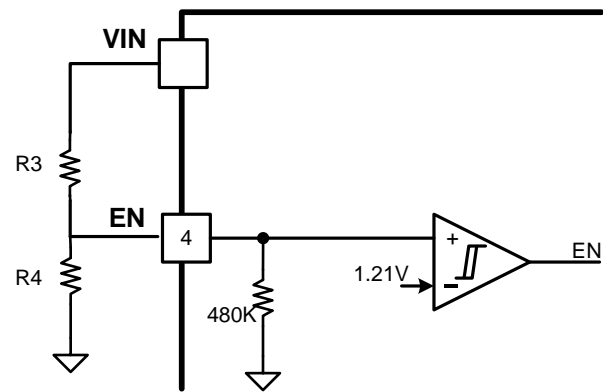
125



Oscillator  
with PLL







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(1)

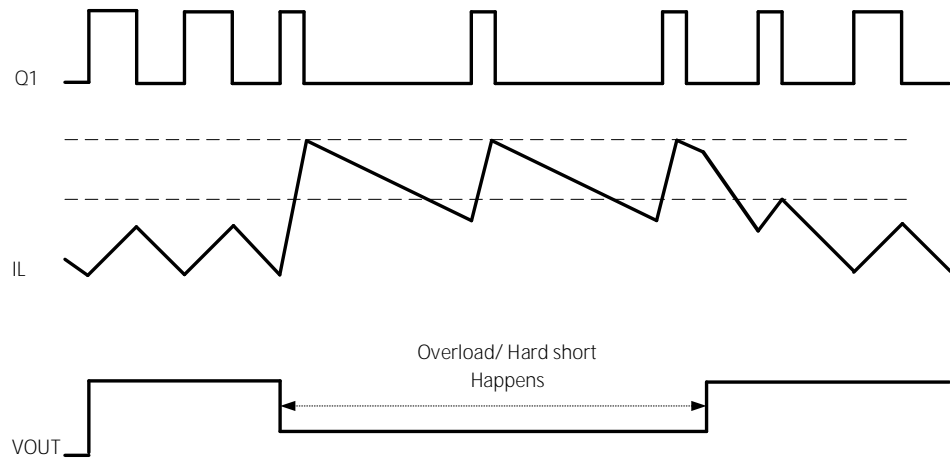
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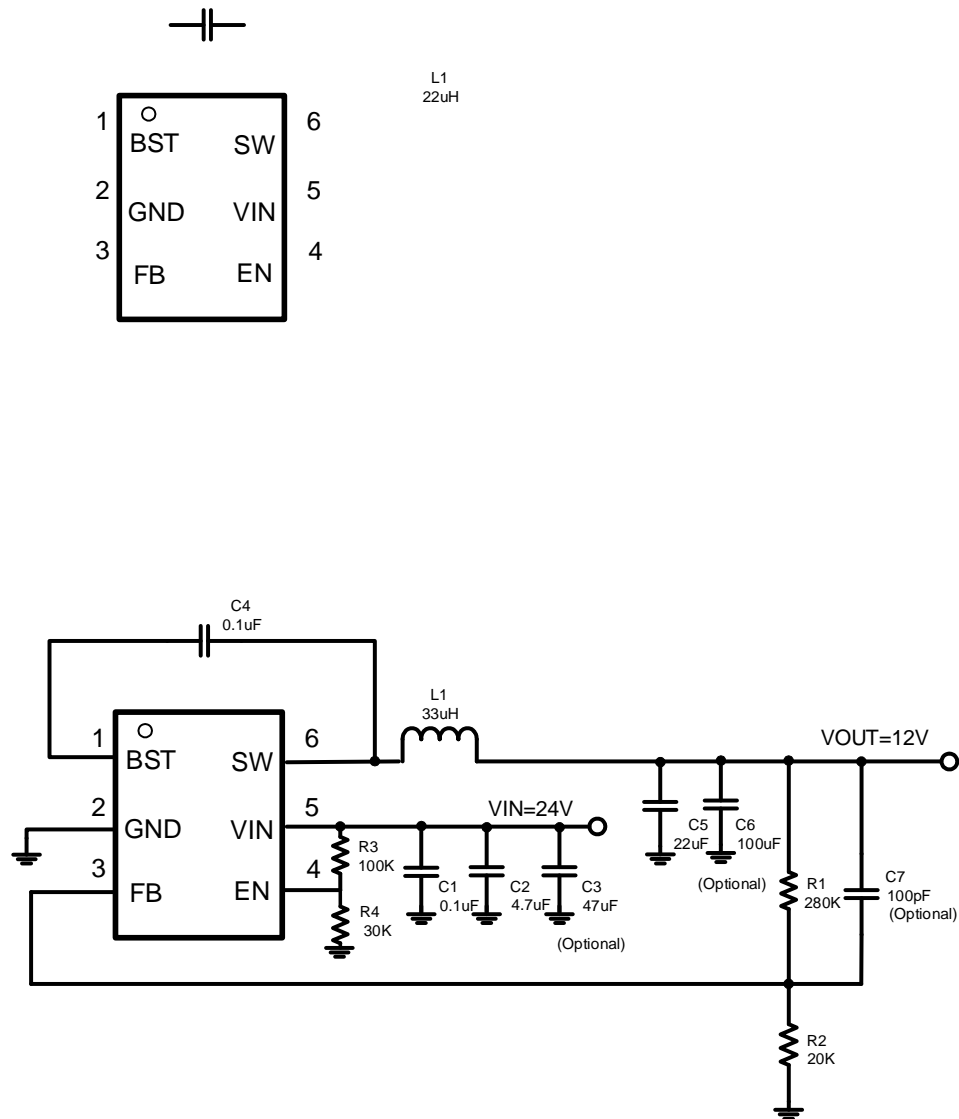
(2)

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Design Parameters	Example Value
Input Voltage	24V
Output Current	0.6A
Switching Frequency	1.2MHz
Start Input Voltage (rising $V_{IN}$ )	5.5V
Stop Input Voltage (falling $V_{IN}$ )	5V


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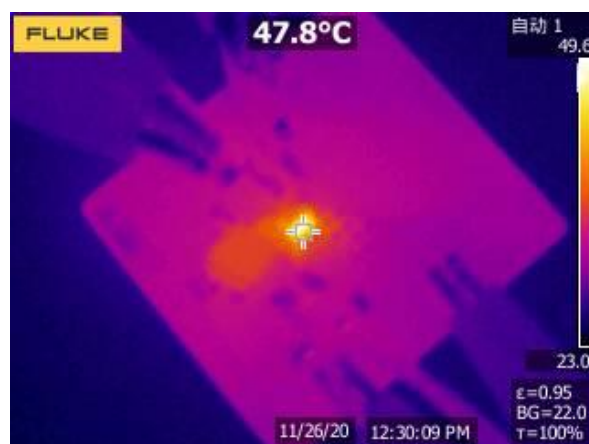
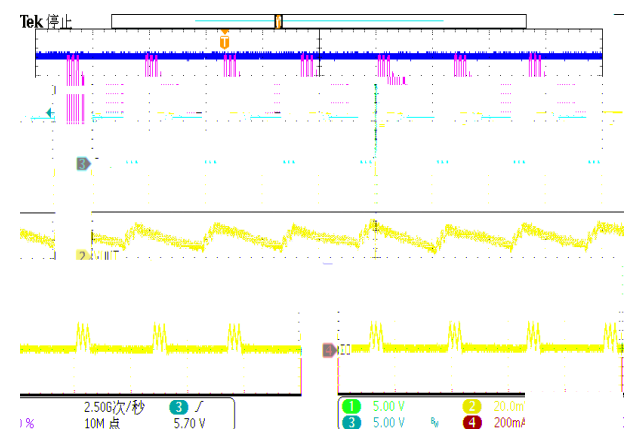
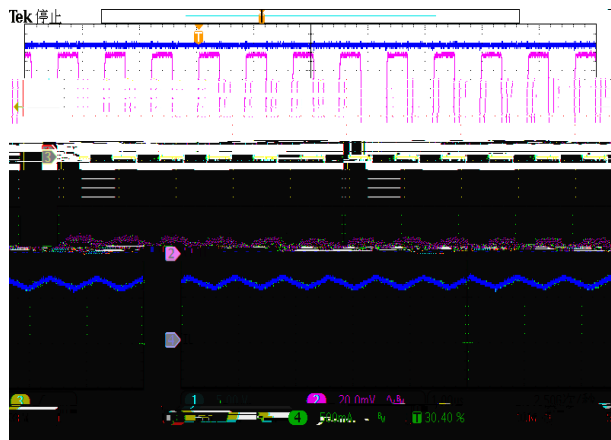
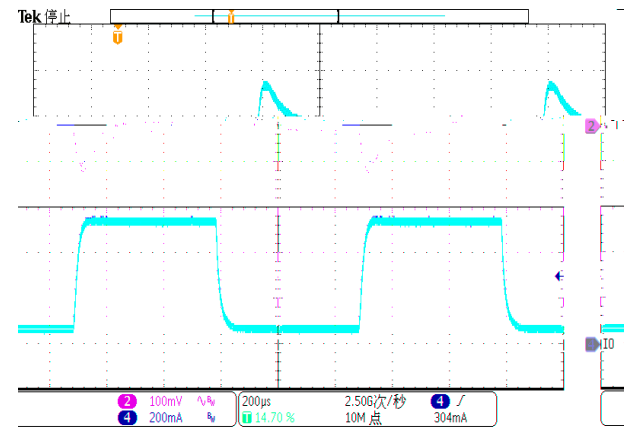
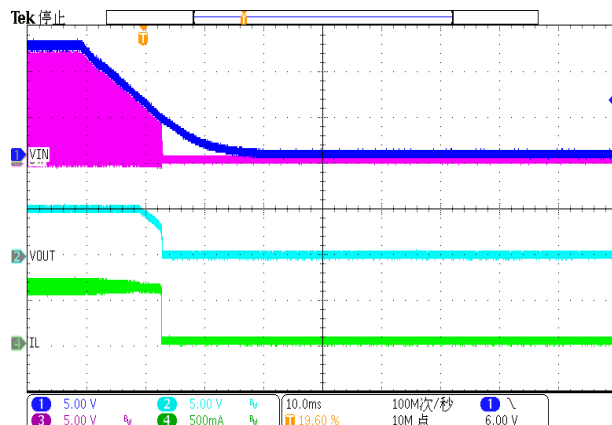
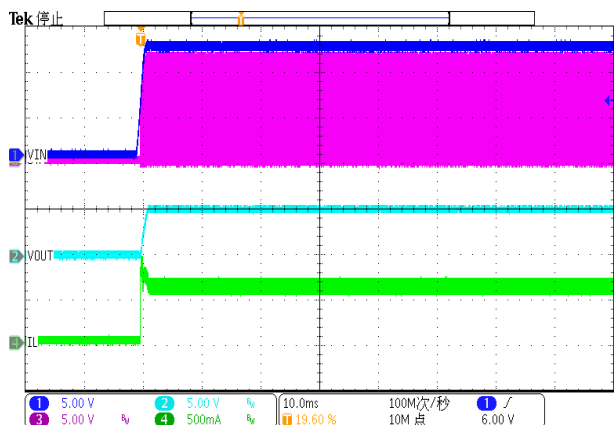
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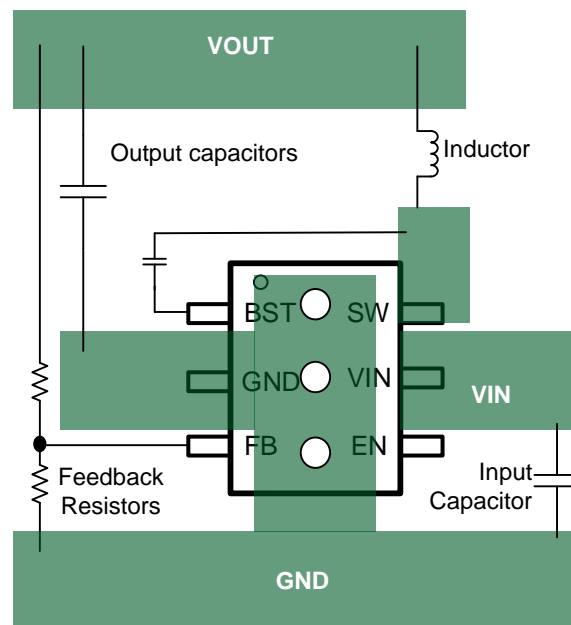
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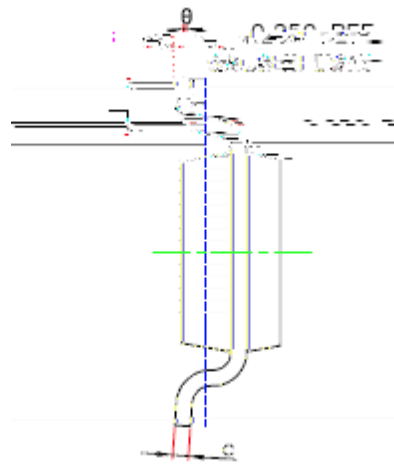
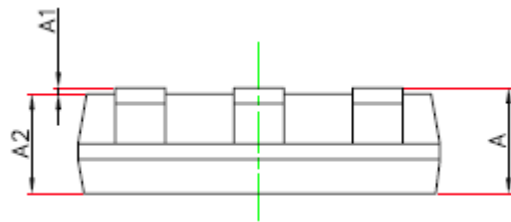
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- 1.
- 2.
- 3.
- 4.






- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

