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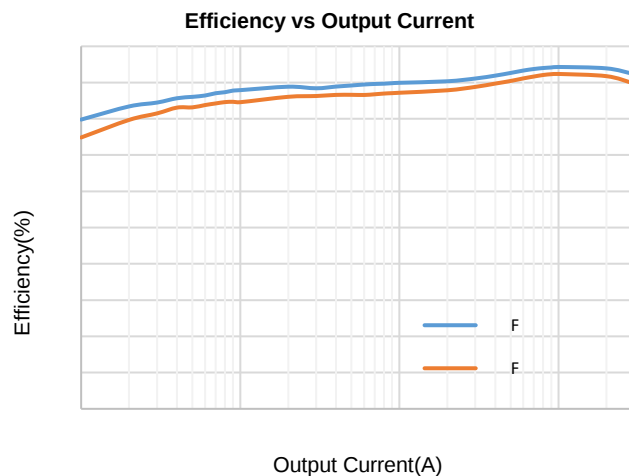
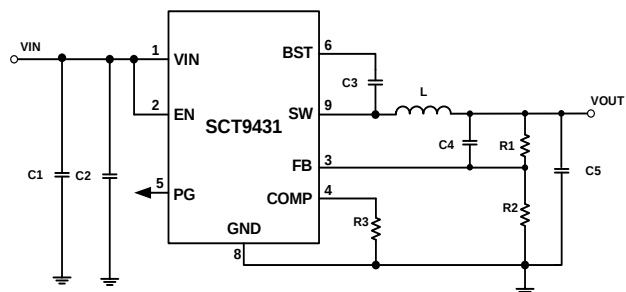
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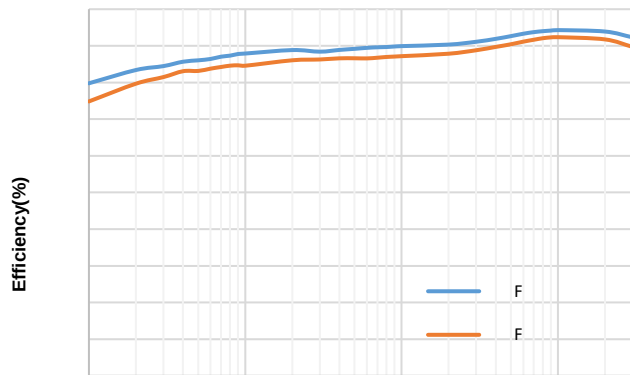
PG	5	Open drain power-good output that is pulled to GND when the output voltage is out of its regulation limits or during soft-start. There is an internal 5M Ω pull-up resistor.
BST	6	Power supply for the high-side power MOSFET gate driver. Must connect a 0.1 μ F or greater ceramic capacitor between BST pin and SW node.
NC	7	NC
GND	8	Power ground. Must be soldered directly to ground plane.
SW	9	Switching node of the buck converter.

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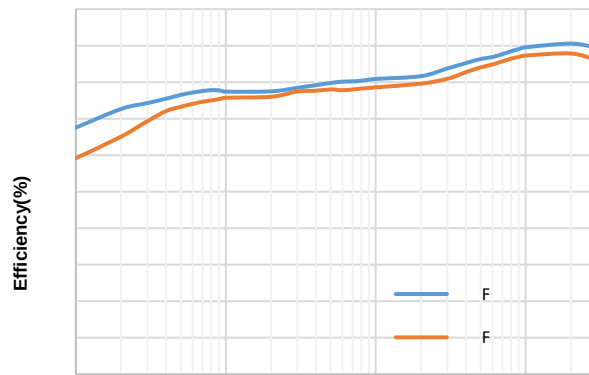
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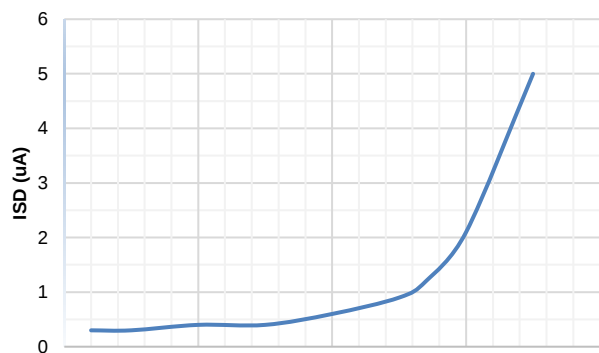
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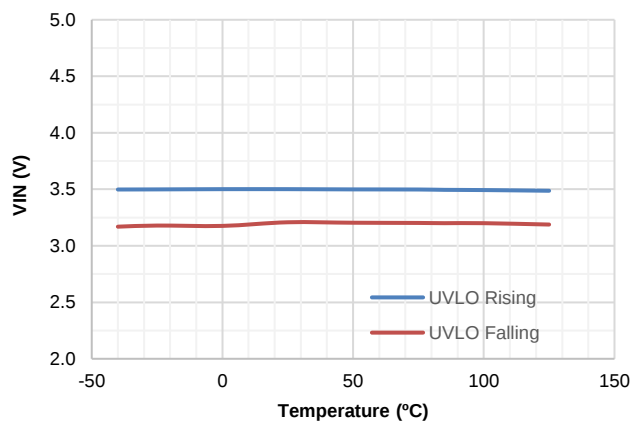
Output Current(A)



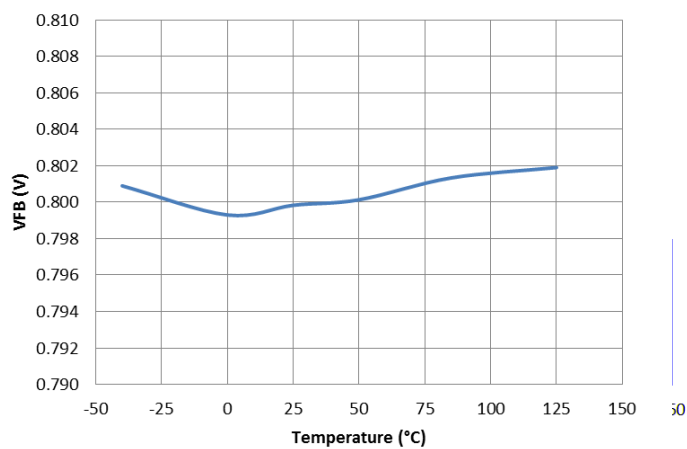
Output Current(A)



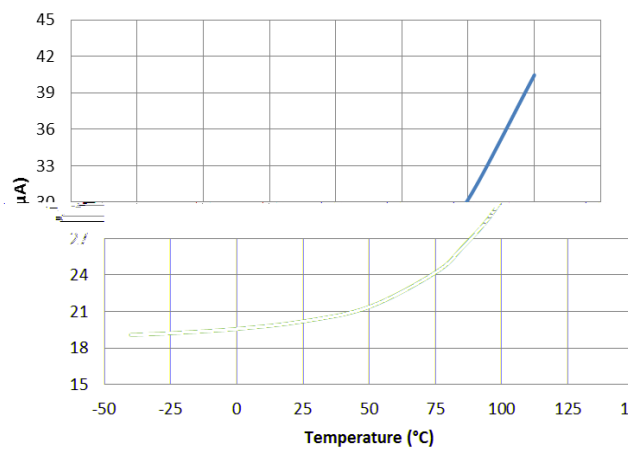
Temperature (°C)



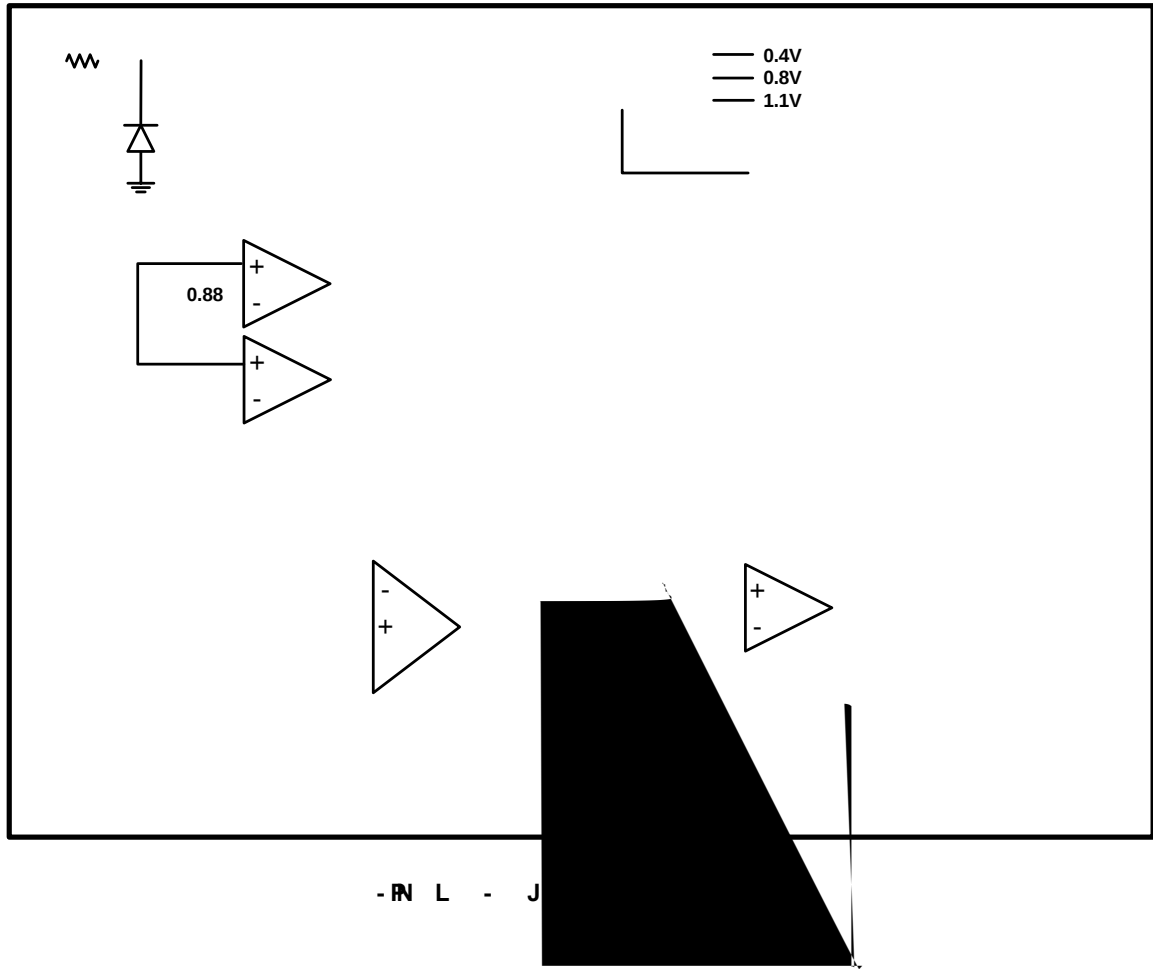
Temperature (°C)



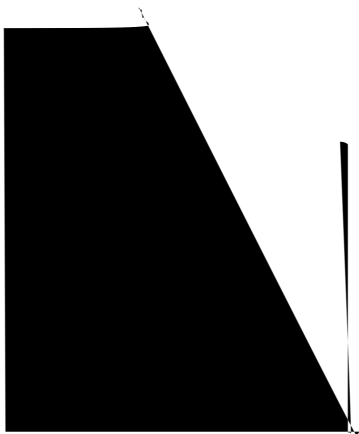
Temperature (°C)



Temperature (°C)

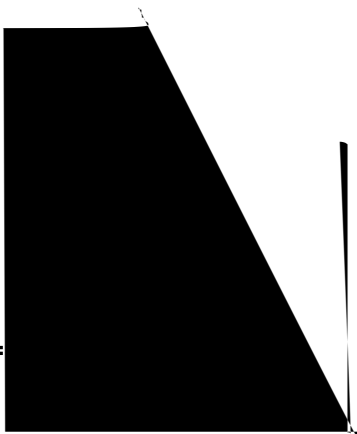


6 L R



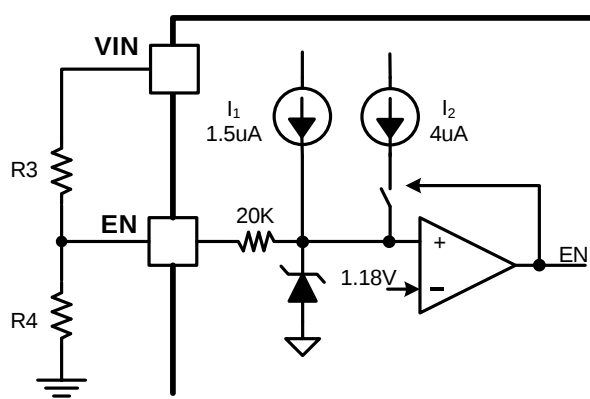
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- R L (KQ H L = 36

PH K / RJJ 4 KL

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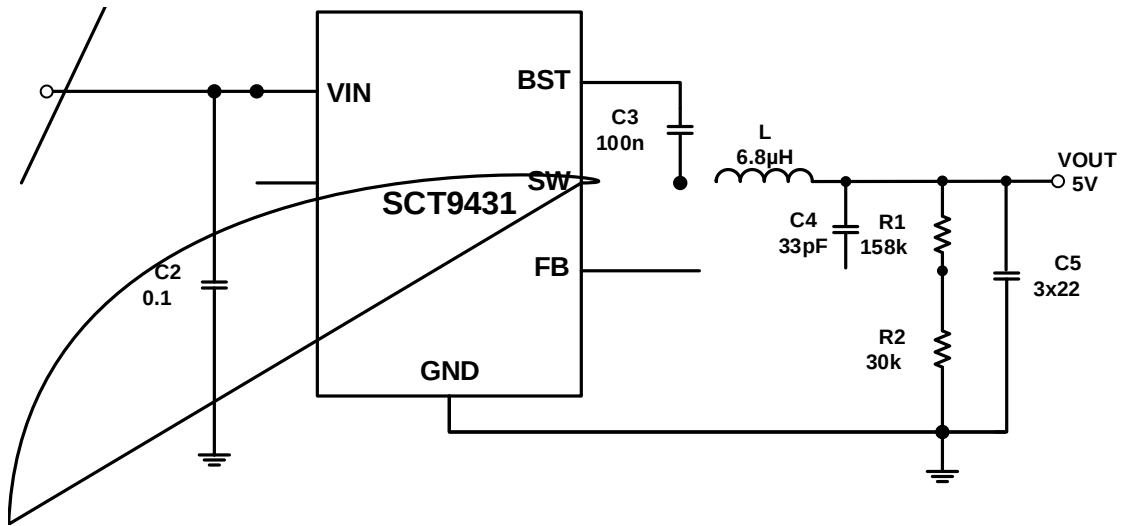
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Q H: O K

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- R L = 0 = (6 P O O L H L H P

L R 7 H H L L

Design Parameters	Example Value
Input Voltage	12V
Output Voltage	5V
Output Current	3A
Output voltage ripple (peak to peak)	±0.03V
Switching Frequency	400kHz

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0 H HJP : L L J P

6 H HJP : L LJ P

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- R L = 0 = (6 PO, L H L HP



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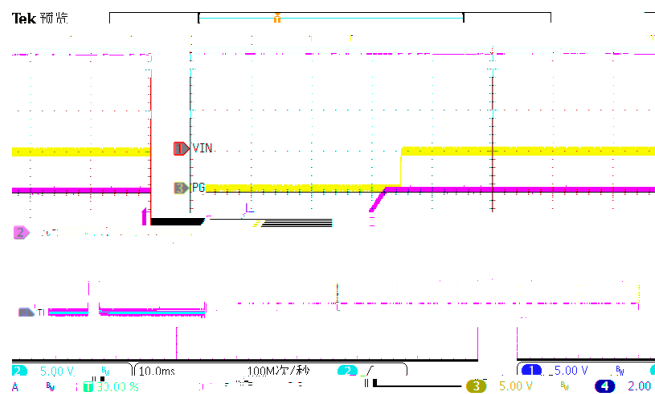
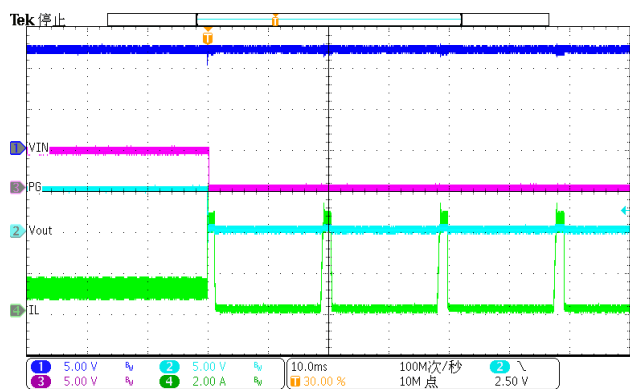
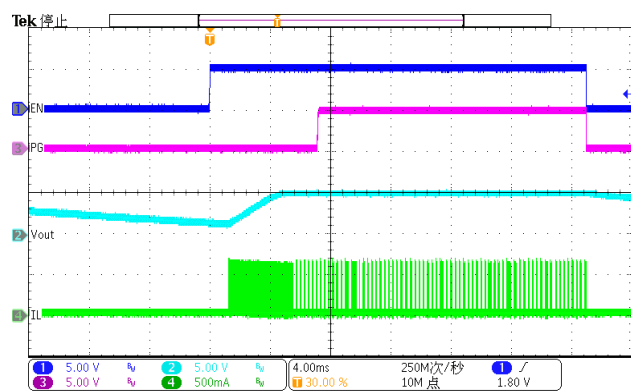
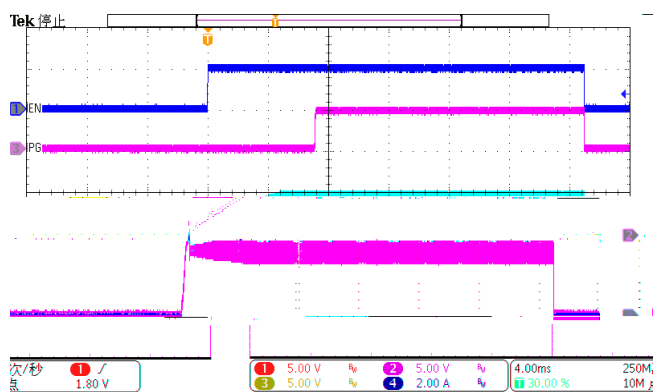
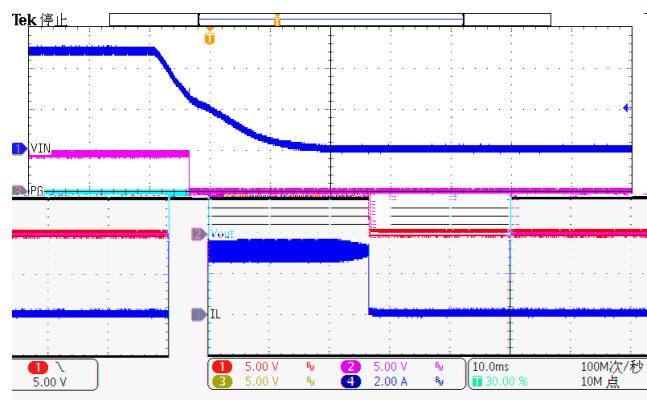
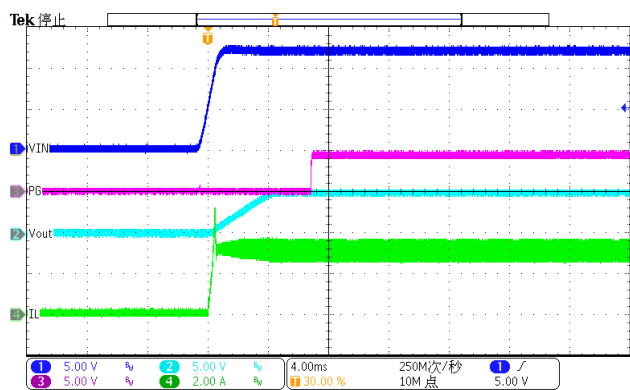
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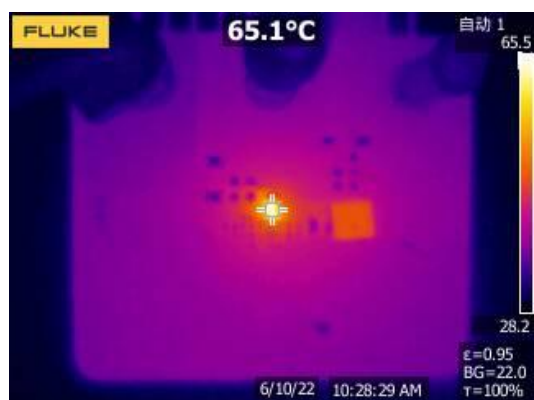
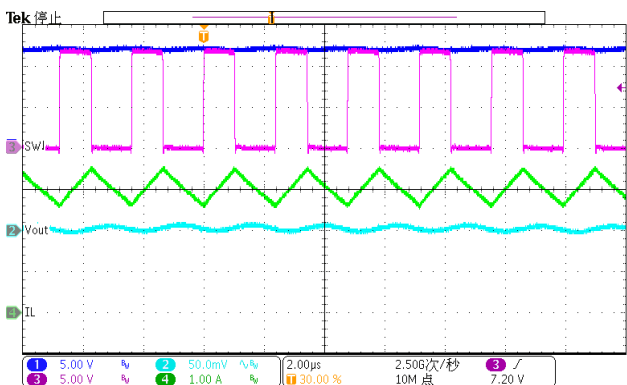
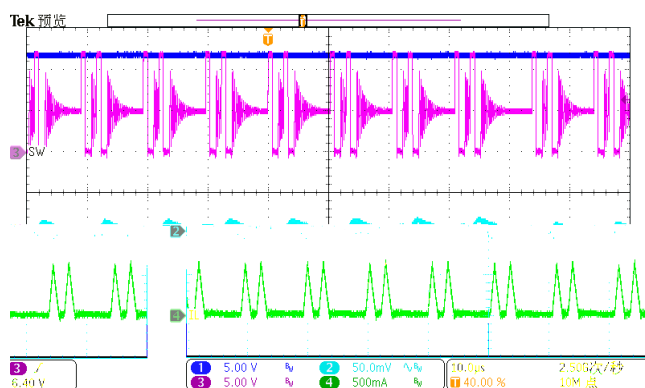
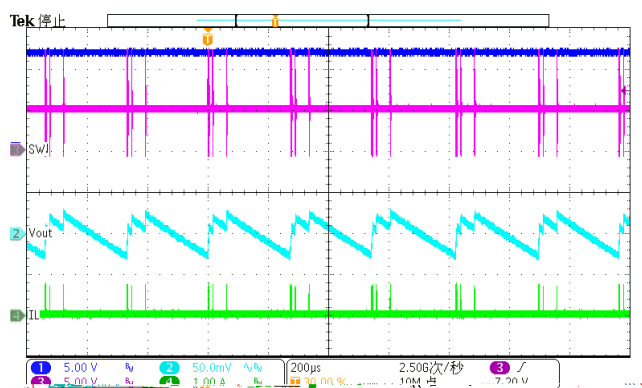
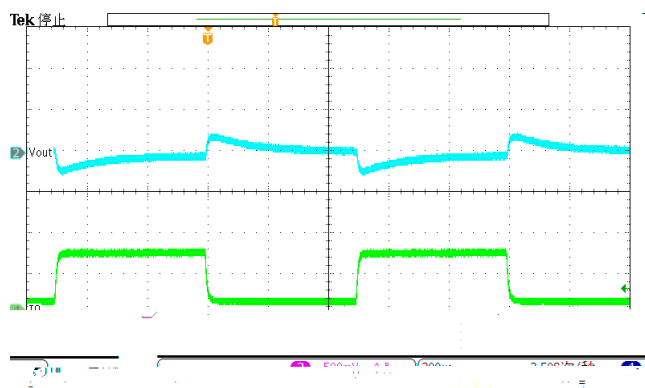
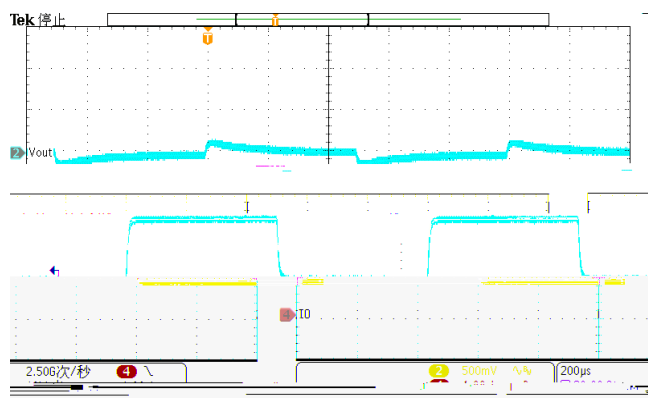
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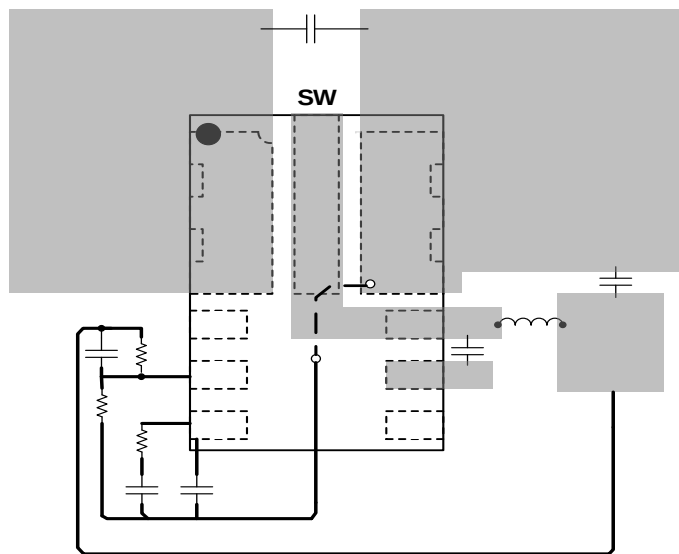
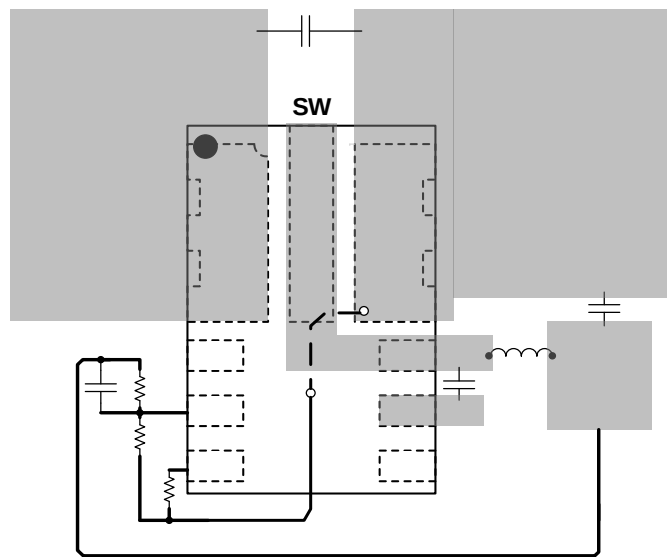


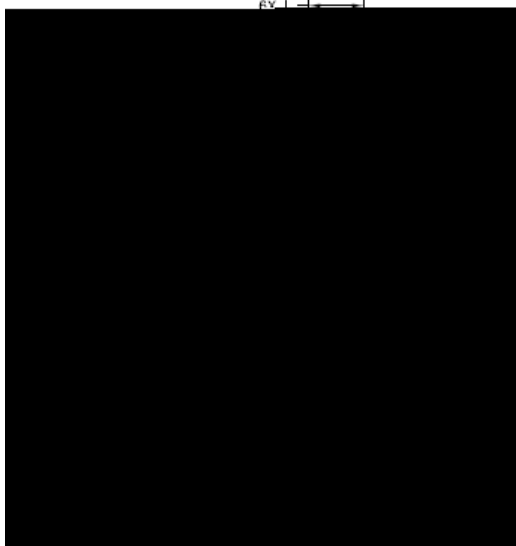
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