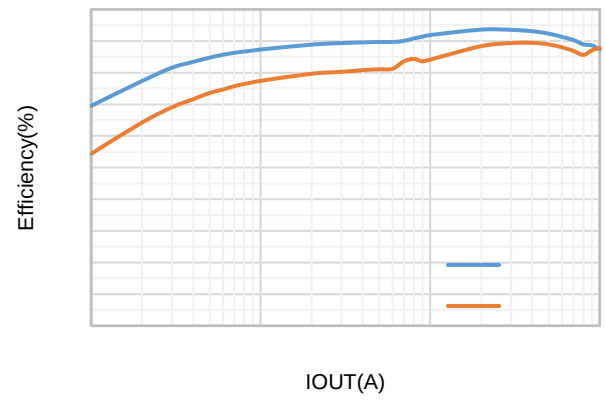
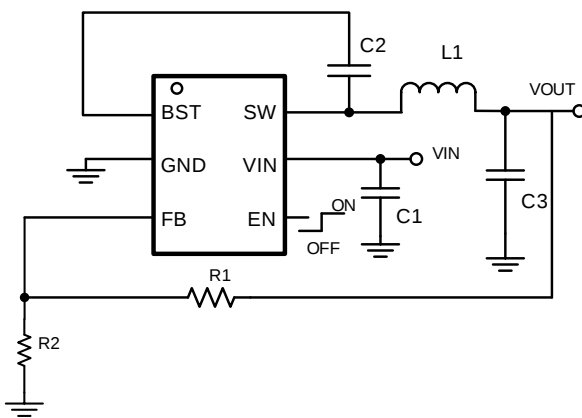
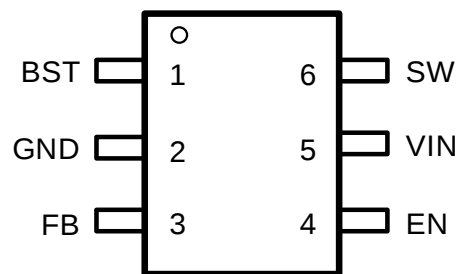




Over operating free-air temperature unless otherwise noted ⁽¹⁾

DESCRIPTION	MIN	MAX	UNIT
VIN, EN	-0.3	42	V
BST	-0.3	48	V
SW	-1	42	V
SW <10ns ⁽²⁾	-2.5	48	V
BST-SW	-0.3	6	V
FB	-0.3	6	V
Operating junction temperature ⁽³⁾	-40	150	C
Storage temperature T _{STG}	-65	150	C

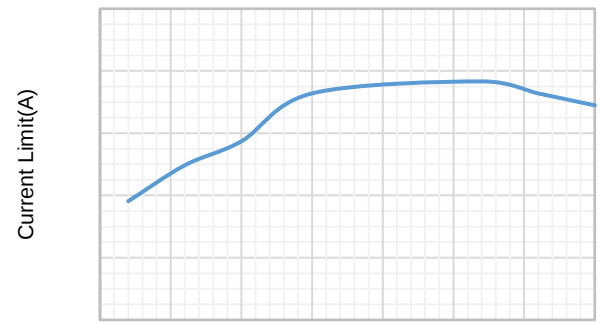
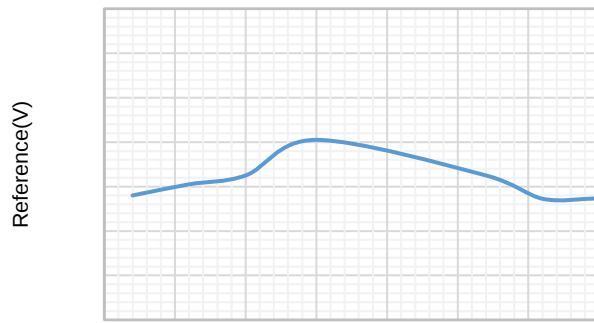
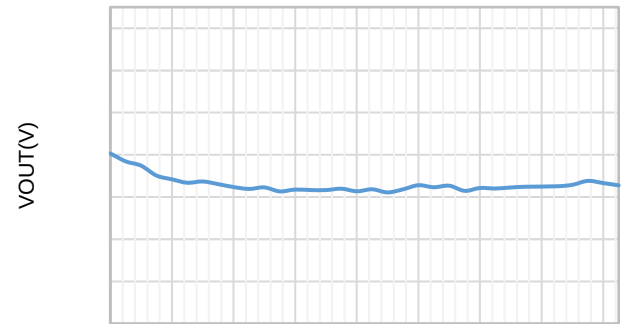
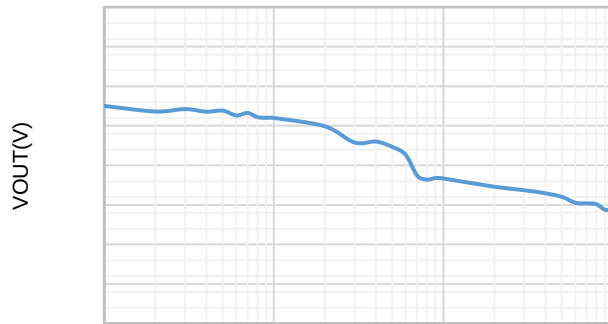
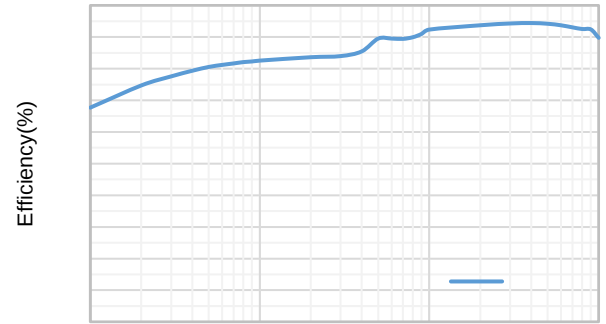
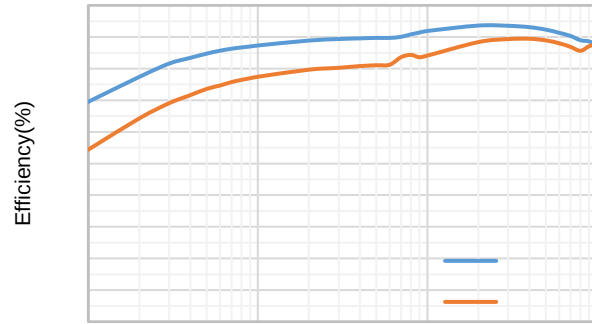


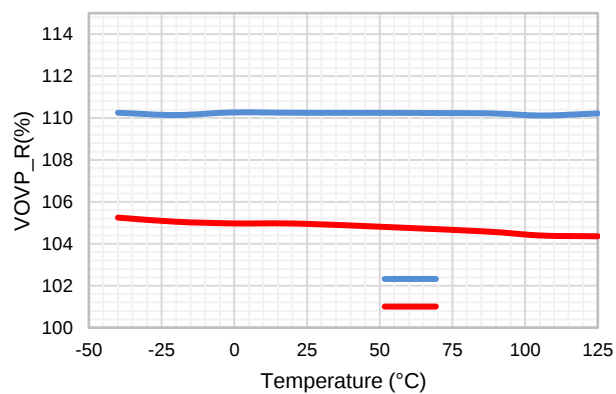
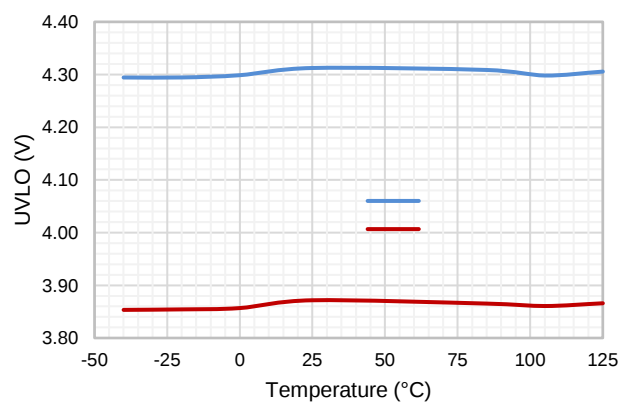
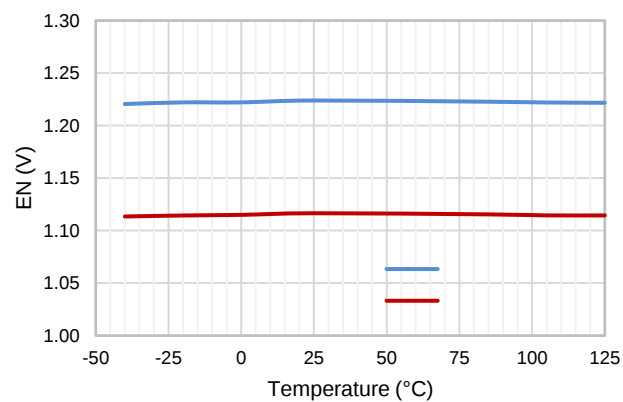
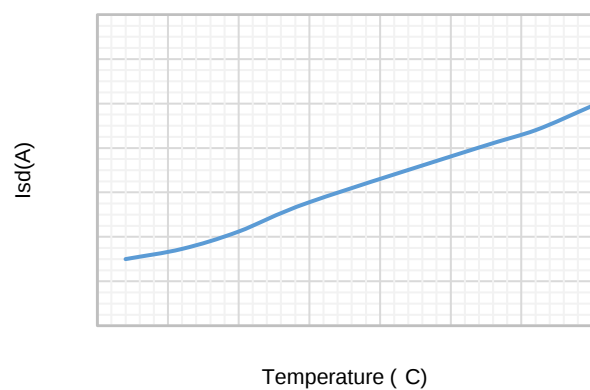
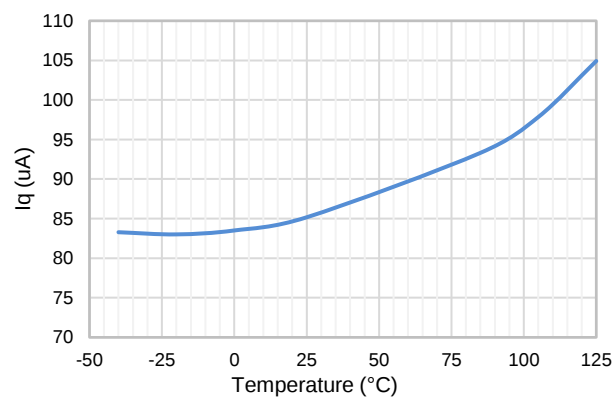
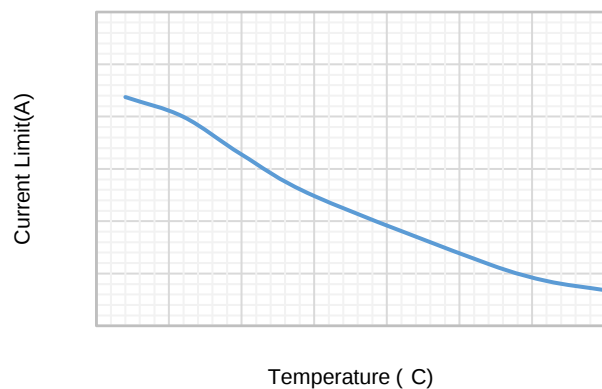
6-Lead Plastic TSOT23-6

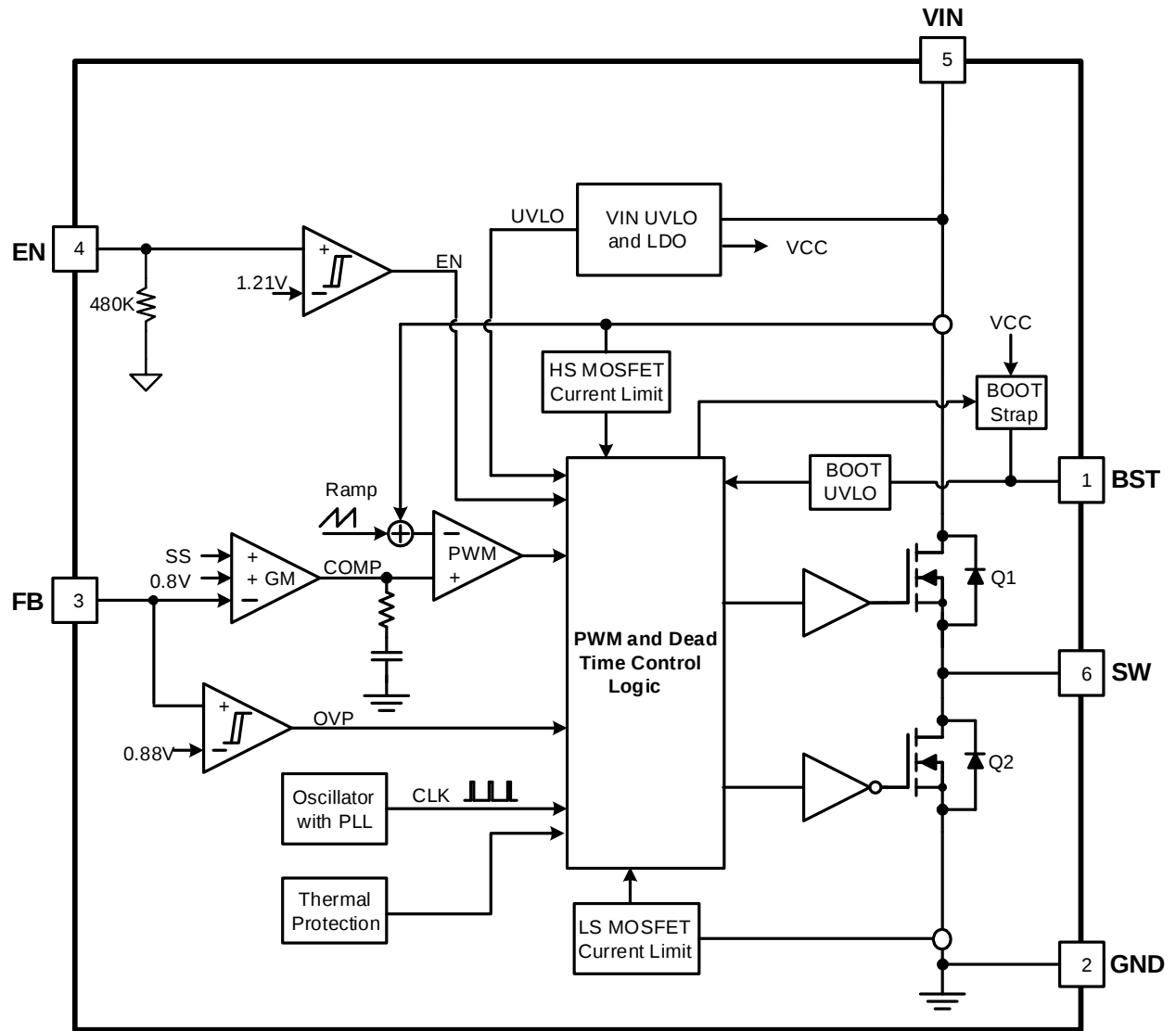
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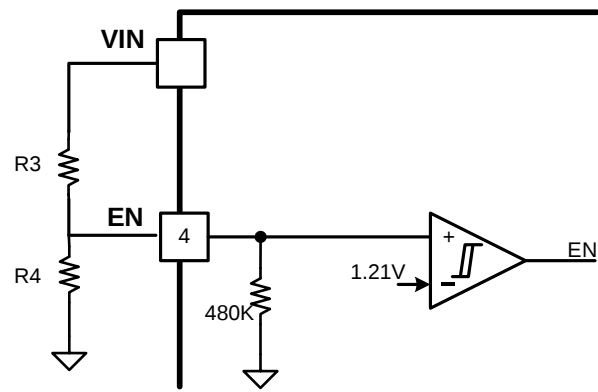
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(3)



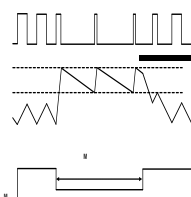




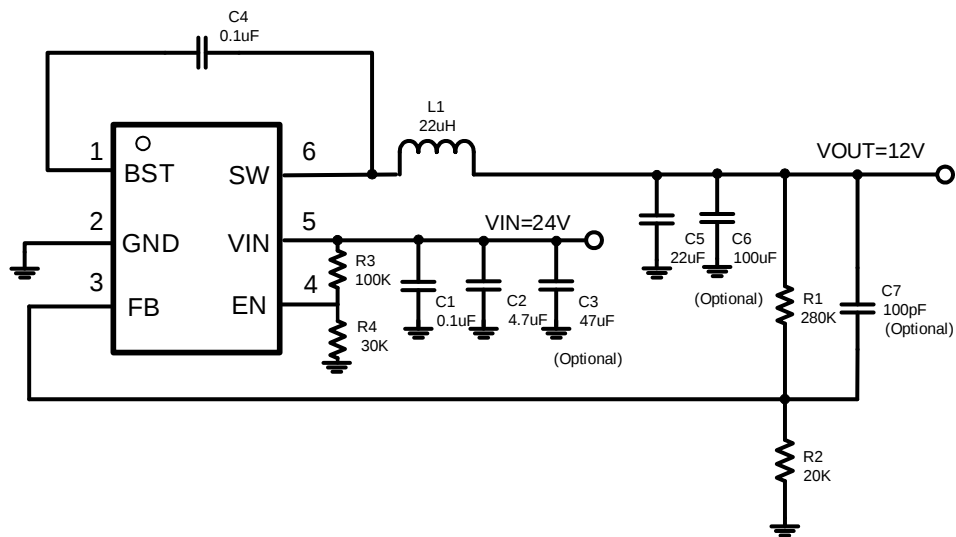
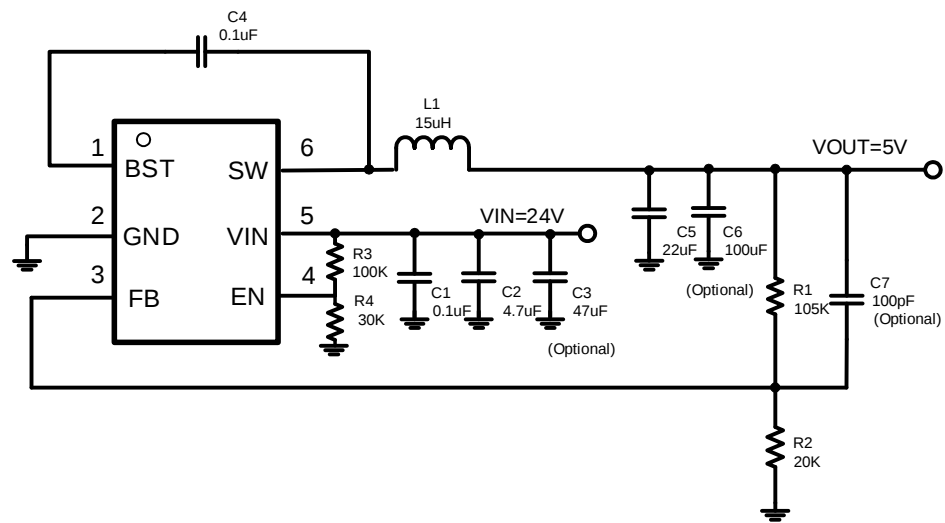


(1)

(2)



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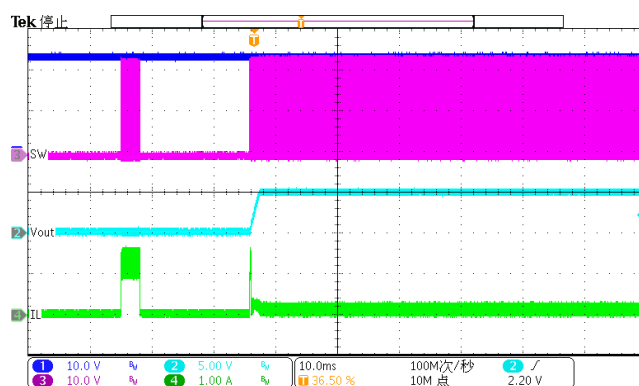
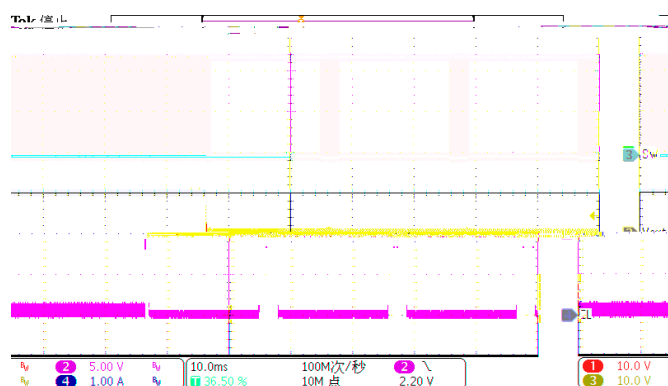
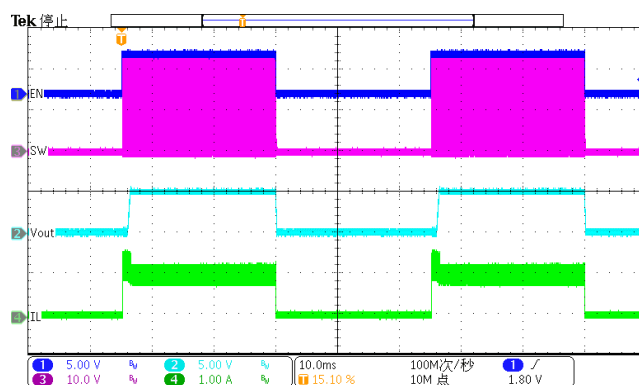
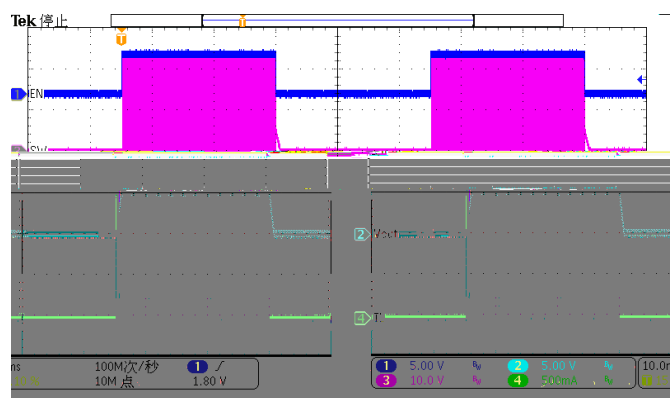
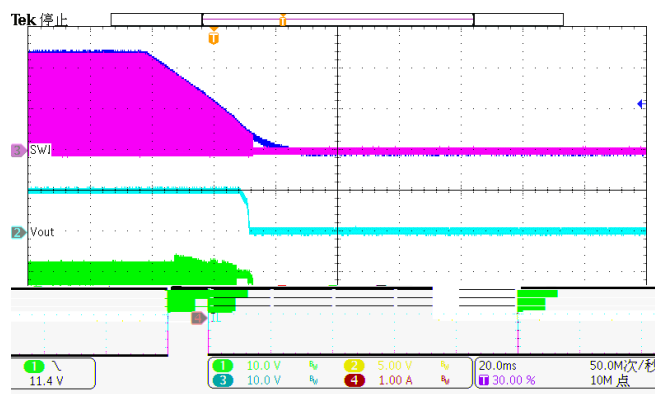
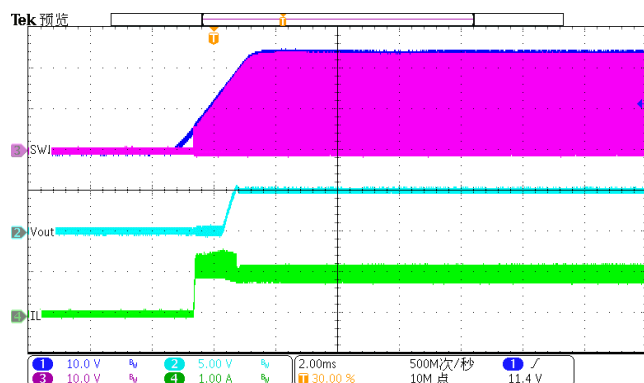


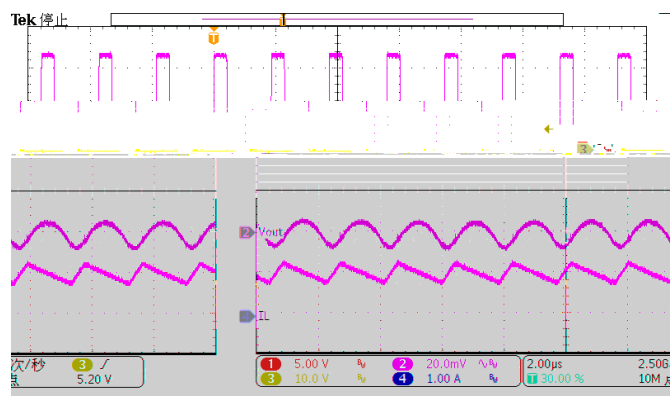
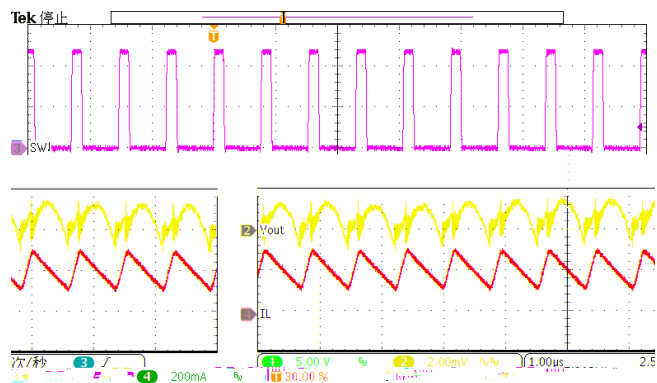
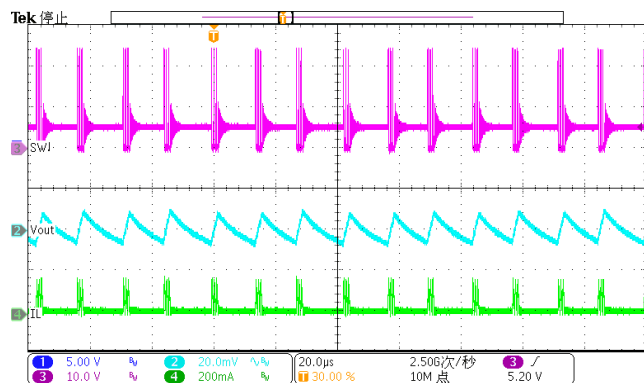
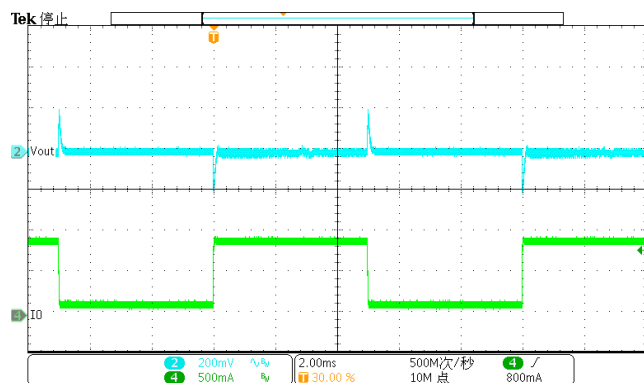
Design Parameters	Example Value
Input Voltage	24V
Output Current	1A
Switching Frequency	1.2MHz
Start Input Voltage (rising VIN)	5.5V
Stop Input Voltage (falling VIN)	5V

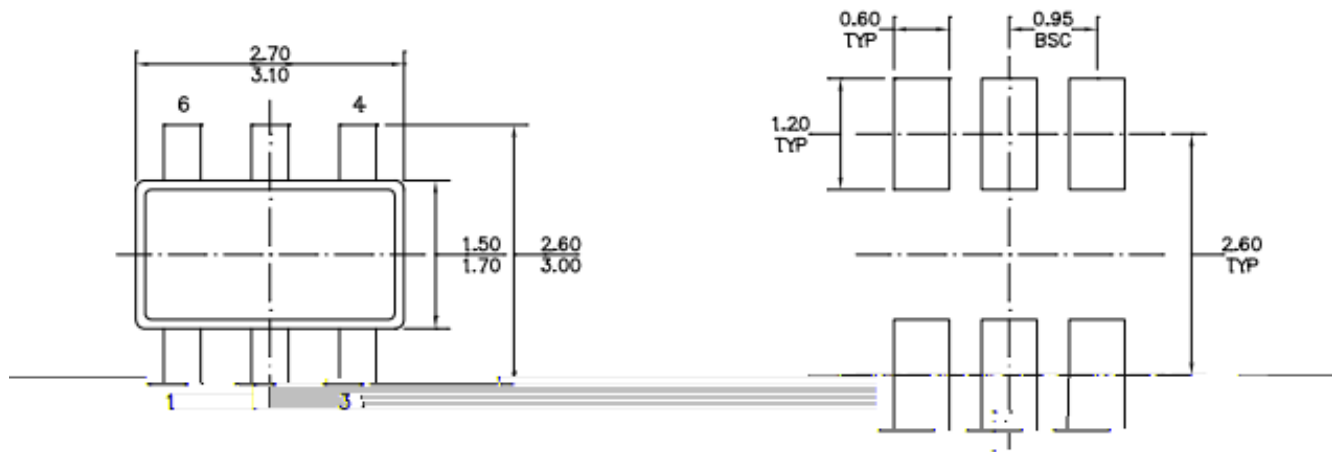
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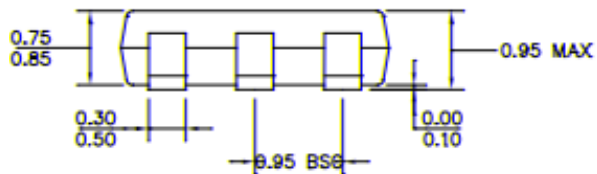




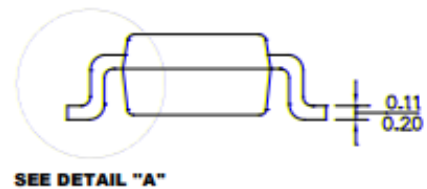


TOP VIEW

RECOMMENDED LAND PATTERN



FRONT VIEW



SEE DETAIL "A"

NOTE:

- 1) ALL DIMENSIONS ARE IN MILLIMETERS.
- 2) PACKAGE LENGTH IS 3.10 MM (0.122 INCH).
- 3) PACKAGE WIDTH IS 1.70 MM (0.067 INCH).
- 4) PIN 1 IS LOWER LEFT PIN WHEN READING TOP MARK FROM LEFT TO RIGHT, (SEE EXAMPLE TOP MARK).
- 5) DRAWING IS NOT TO SCALE.
- 6) DRAWING IS NOT TO SCALE.
- 7) PIN 1 IS LOWER LEFT PIN WHEN READING TOP MARK FROM LEFT TO RIGHT, (SEE EXAMPLE TOP MARK).

DETAIL "A"

