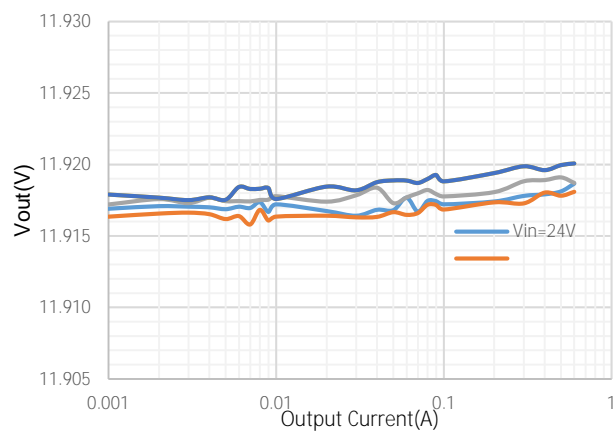
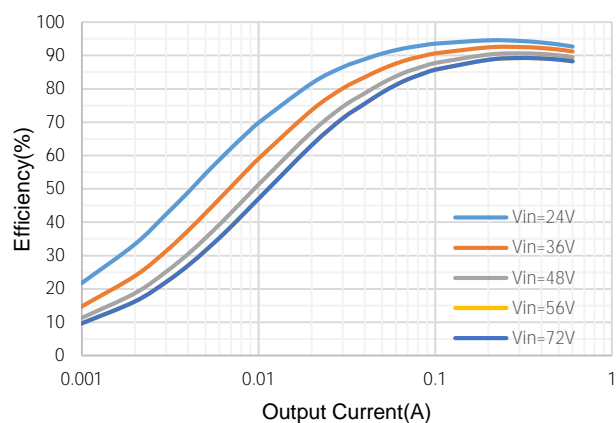
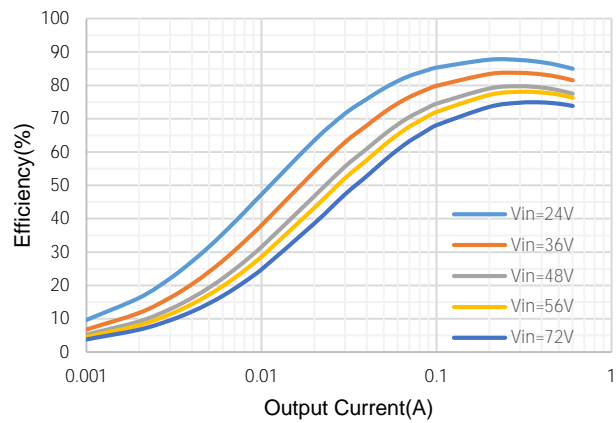
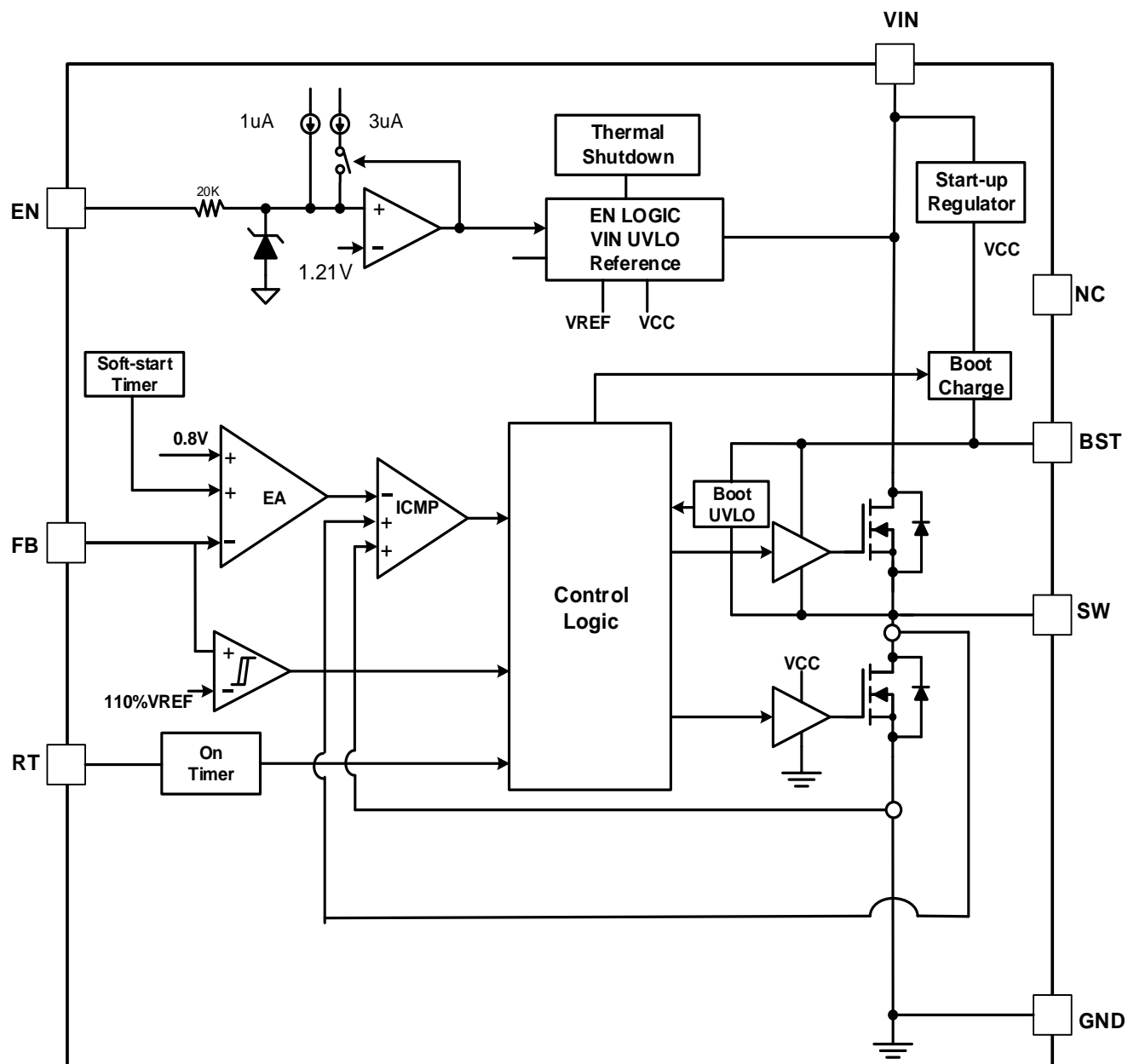

1

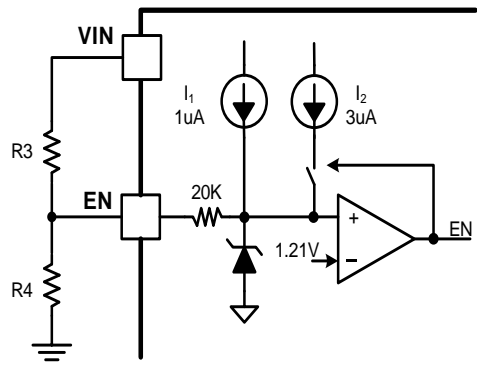






$$3 = \frac{(\text{---}) -}{1 (1 - \text{---}) + 2}$$

$$4 = \frac{3 \times}{- + 3 (1 + 2)}$$

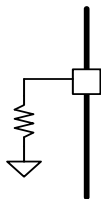


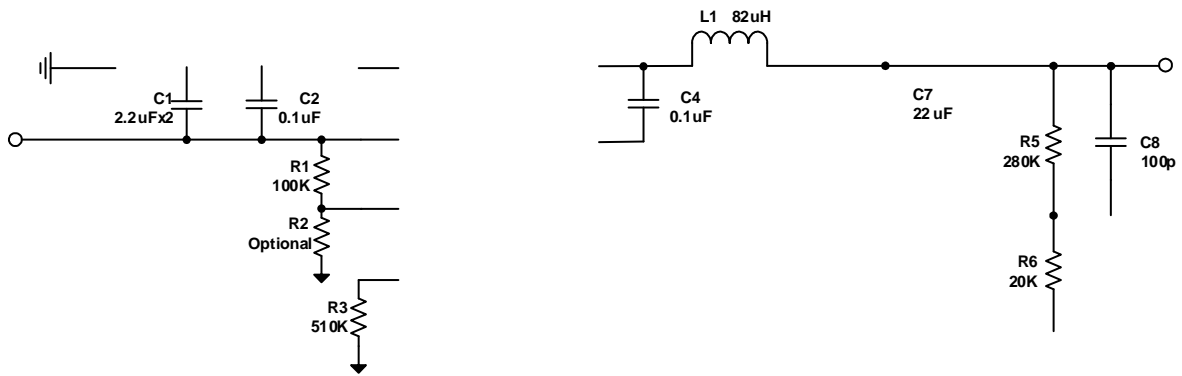
±1% tolerance

$$\text{---} = (\text{---} - 1) \text{---}$$

-
-

$$(\text{---}) = (\text{---}) \quad (4)$$





-
-

$$= \frac{\quad}{(\quad)} \left(1 - \frac{\quad}{(\quad)}\right)$$

-
-
-
-
-
-

$$= \frac{\quad + \frac{\quad}{2}}{\quad}$$

$$= (\quad)^2 + \frac{1}{12} (\quad)^2$$

-
-
-
-

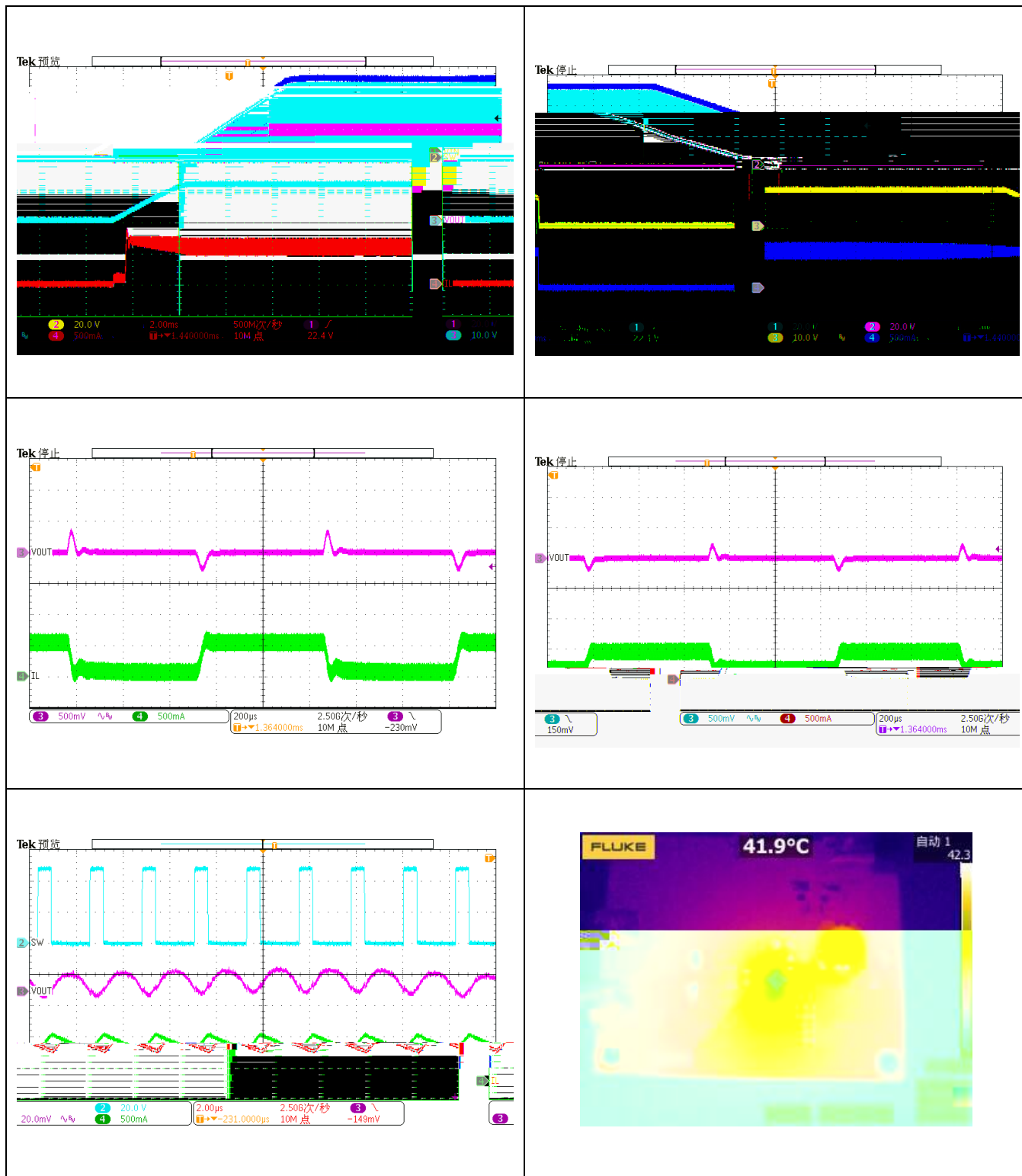
$$I_{CINRMS} = I_{OUT} \sqrt{\frac{V_{OUT}}{V_{IN}} \left(1 - \frac{V_{OUT}}{V_{IN}}\right)}$$

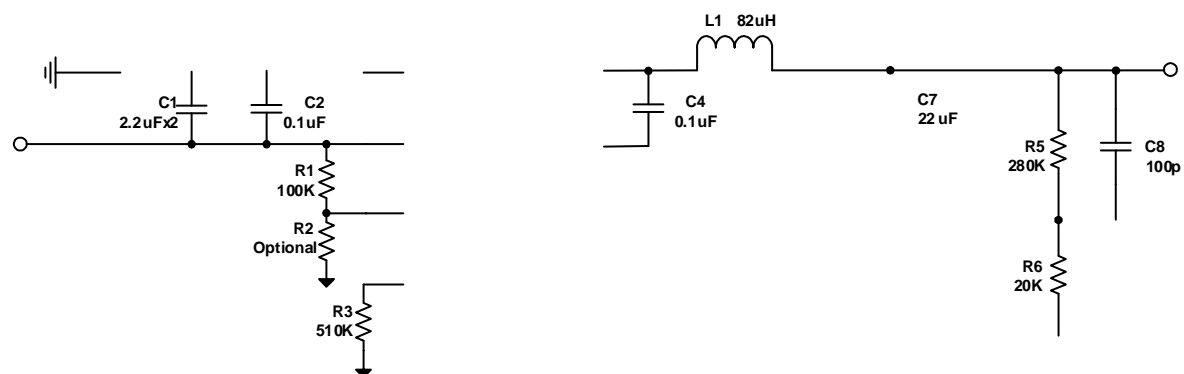
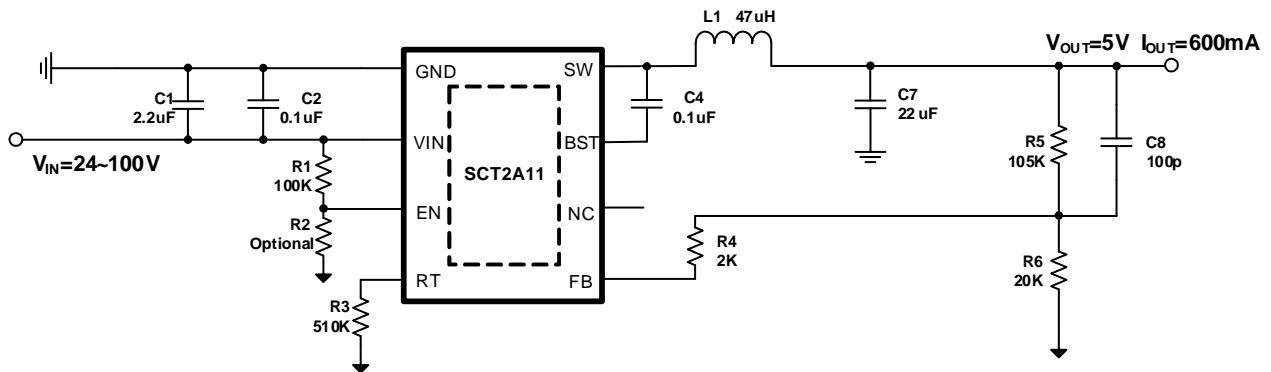
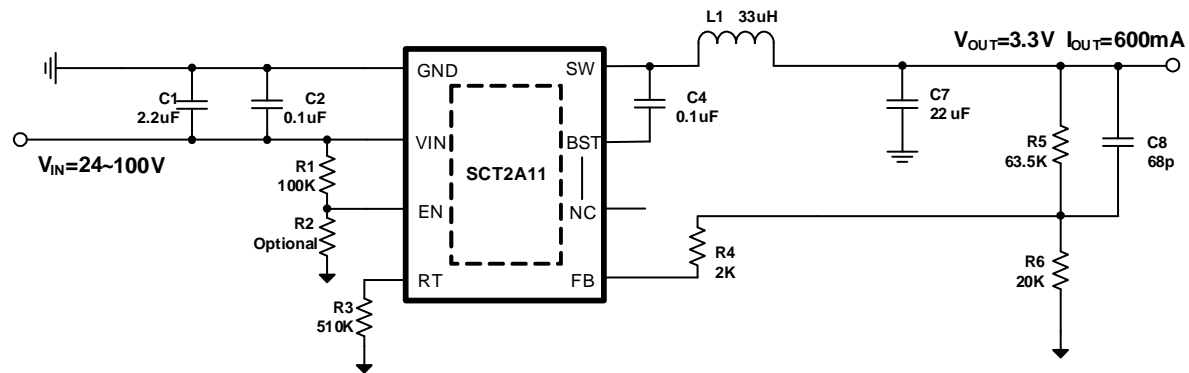
$$I_{CINRMS} = 0.5 I_{OUT}$$

$$V_{IN} = \frac{I_{OUT}}{f_{SW} C_{IN}} \sqrt{\frac{V_{OUT}}{V_{IN}} \left(1 - \frac{V_{OUT}}{V_{IN}}\right)}$$

$$V_{OUT} = \frac{(\quad - \quad)}{8^2}$$

- V_{OUT}
-
-
-
-
-
-



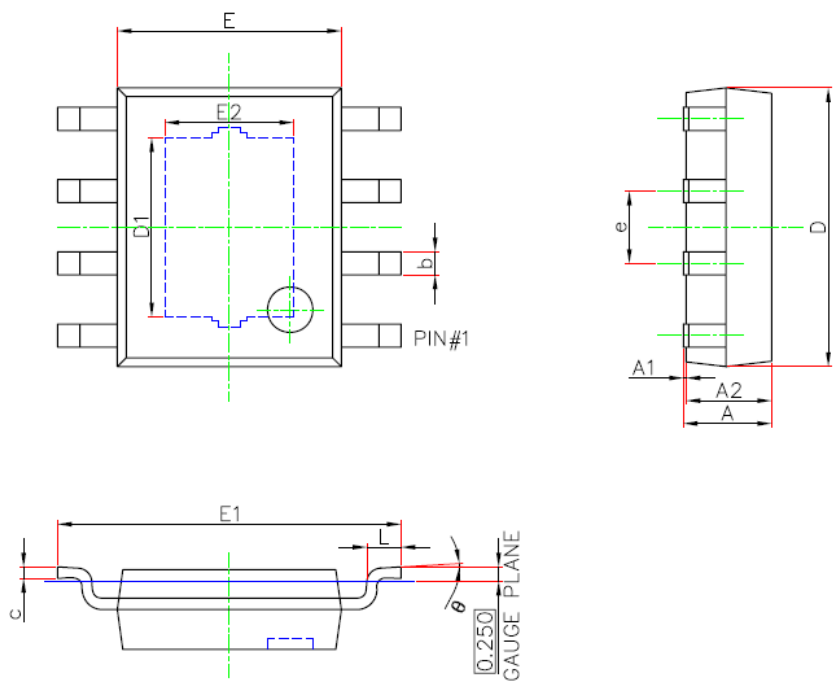


1.

2.

3.

4.



θ				

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

