

SCT2120

NAME	PIN NUMBER		PIN FUNCTION
	FCTQFN1.5X2-8L	FCSOT23-8L	

SCT2120

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	FCTQFN1.5X2-8L	UNIT
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(— 1)

Under Voltage Lockout UVLO

Enable(EN)

Soft Start(SS)

Over Current Protection (OCP) and Hiccup Mode

SCT2120

Output Voltage

1 (— 1) 2

V _{OUT}	R ₁	R ₂

Inductor Selection

_____ (-)

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

Input Capacitor Selection

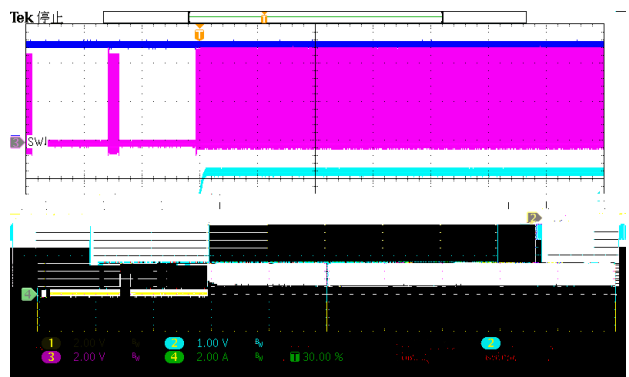
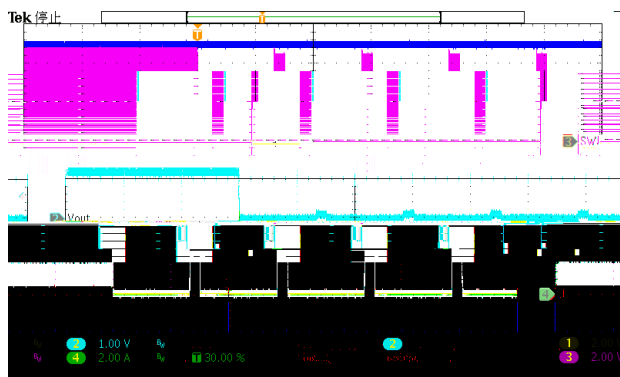
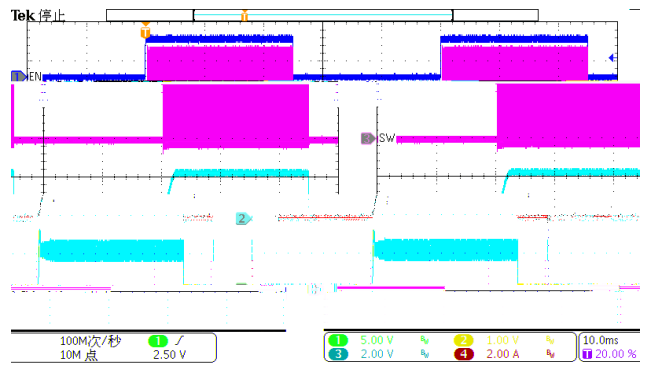
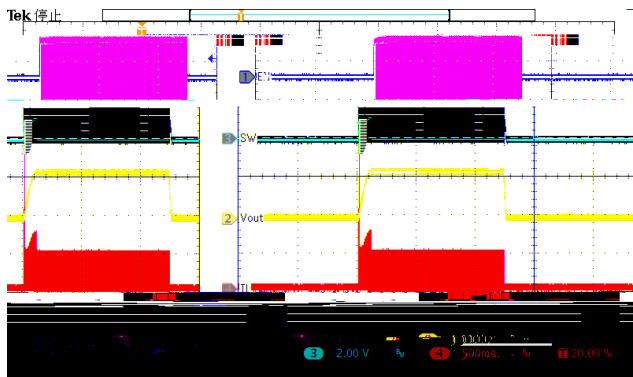
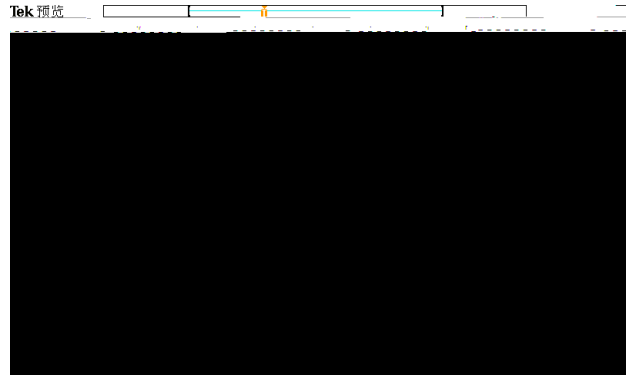
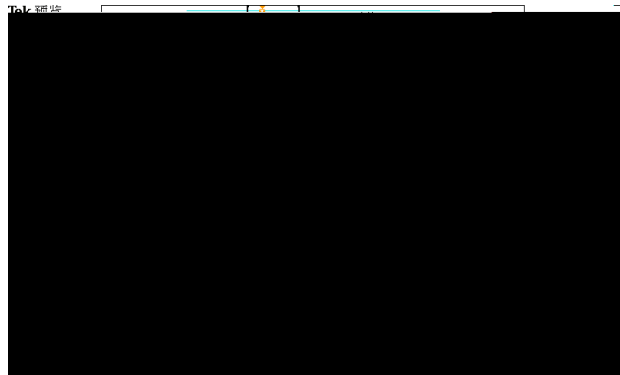
$$\sqrt{ \quad (1 \quad) }$$

————— (1 —)

V_{IN}

Output Capacitor Selection

Application Waveforms



Application Waveforms

Layout Guideline

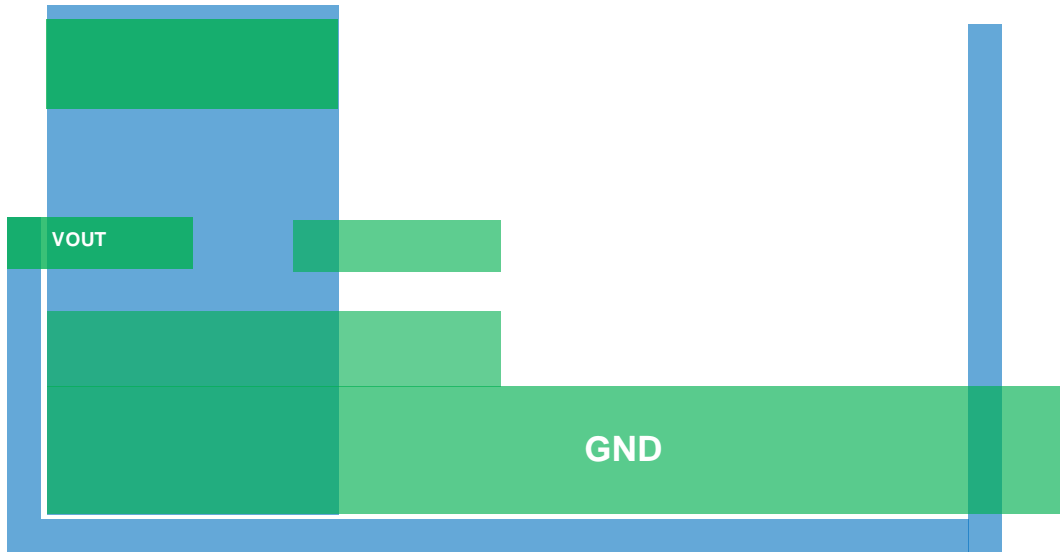
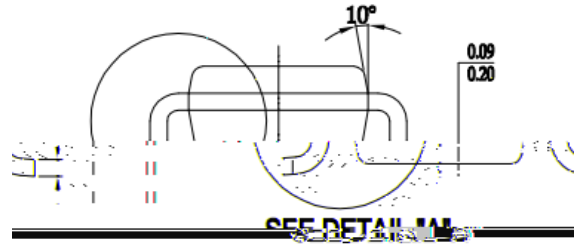
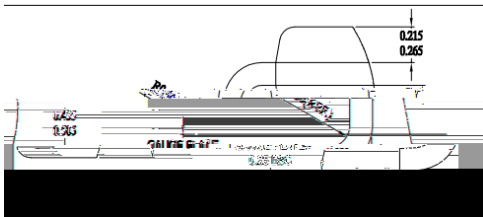
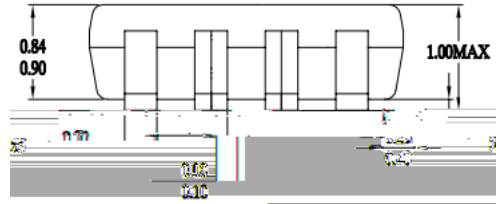
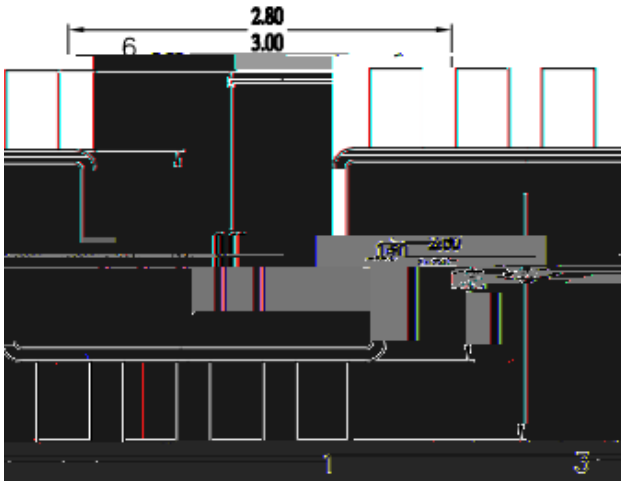
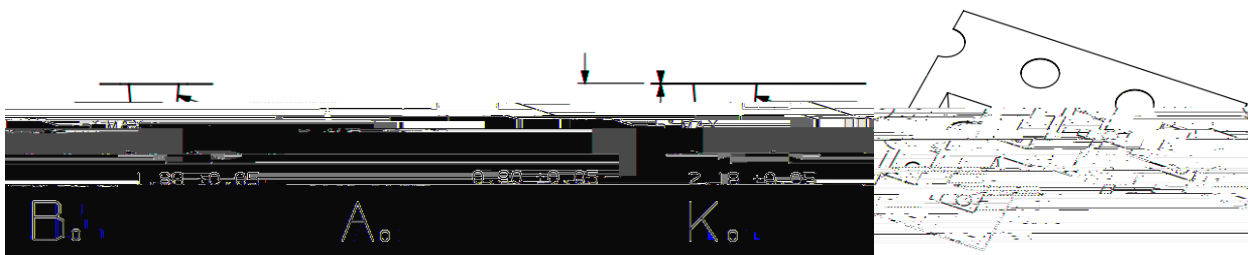
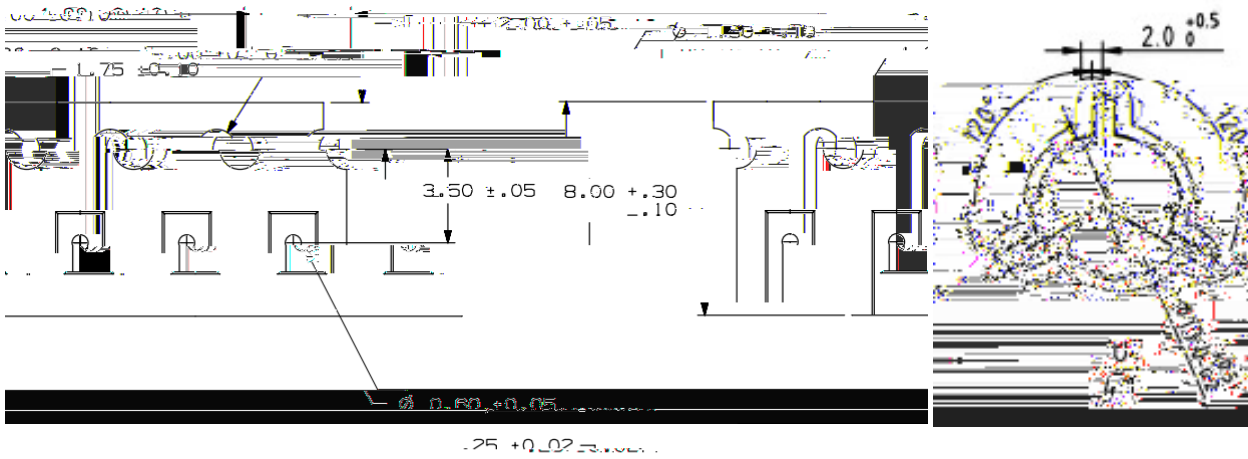
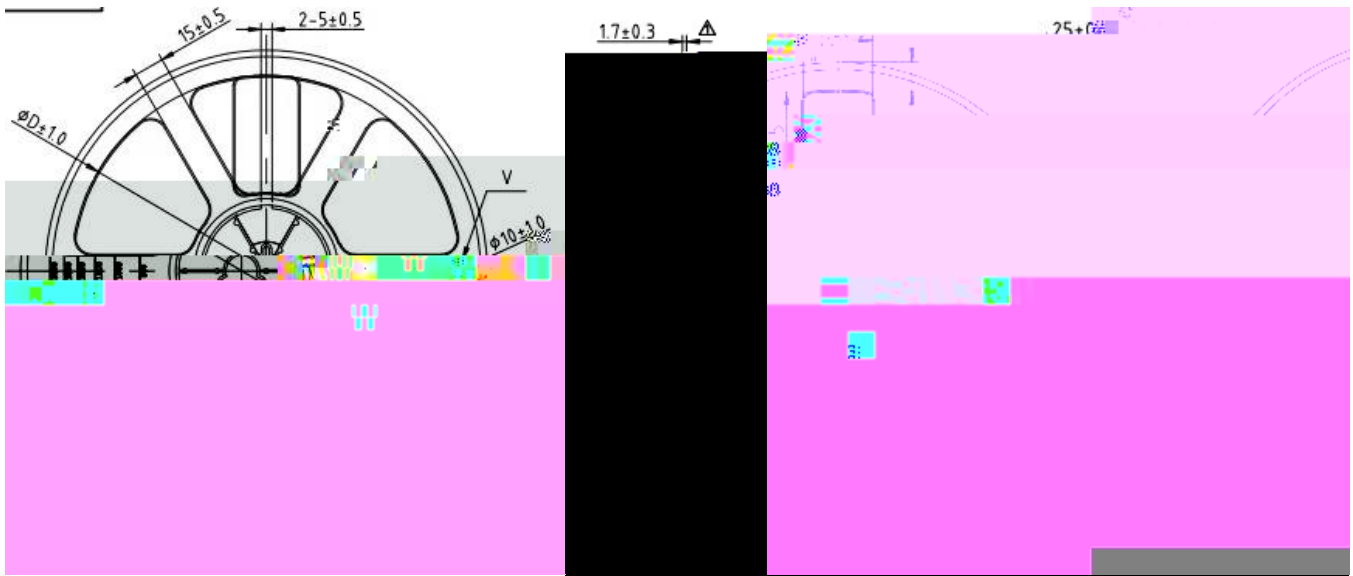


Figure 22. PCB Layout Example (SCT2120 TTBR)

SCT2120



NOTE:



NOTICE: