

**SCT2120**



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

# SCT2120

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PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	FCTQFN1.5X2-8L	UNIT
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**Under Voltage Lockout UVLO**

**Enable(EN)**

**Soft Start(SS)**

**Over Current Protection (OCP) and Hiccup Mode**





# SCT2120

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## Output Voltage

\_\_\_\_\_

$V_{OUT}$	$R_1$	$R_2$

## Inductor Selection

\_\_\_\_\_

$$\sqrt{\frac{P_{avg}}{f_{sw} C_{in}}}$$

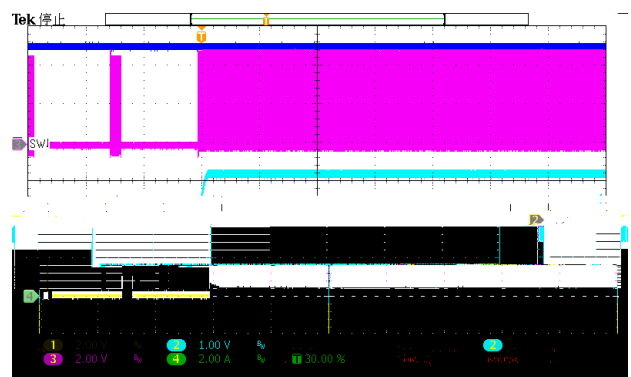
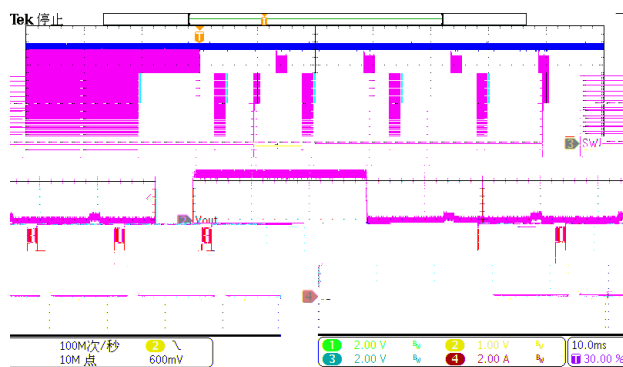
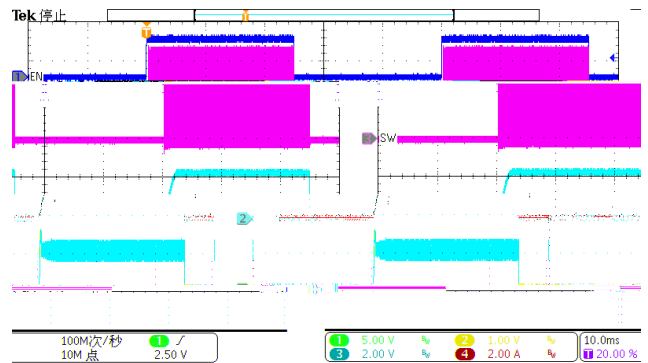
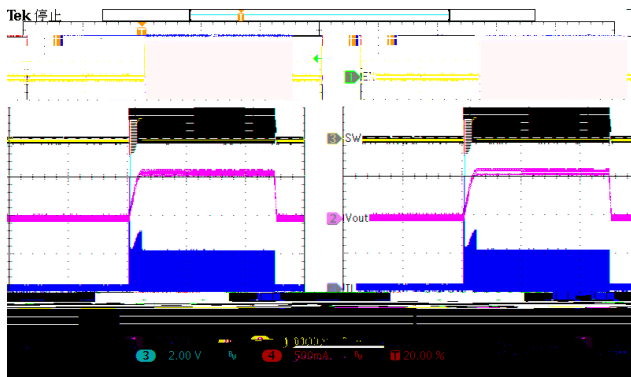
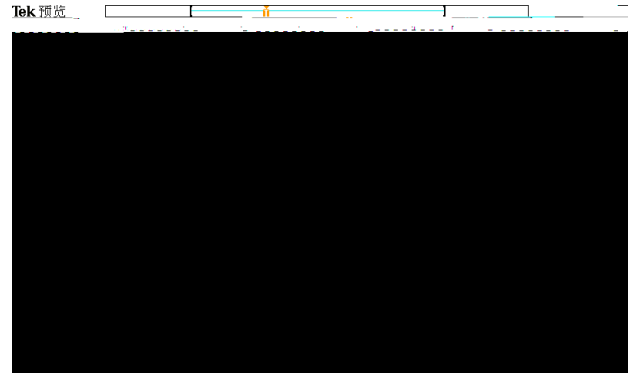
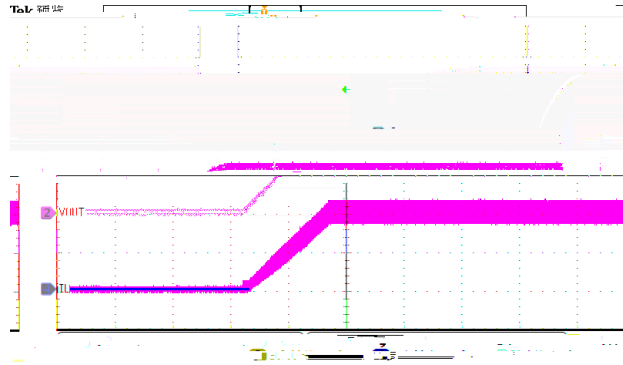
### Input Capacitor Selection

$$\sqrt{\frac{P_{avg}}{f_{sw} C_{in}}}$$

$V_{IN}$

## Output Capacitor Selection

## Application Waveforms



## Application Waveforms

Layout Guideline

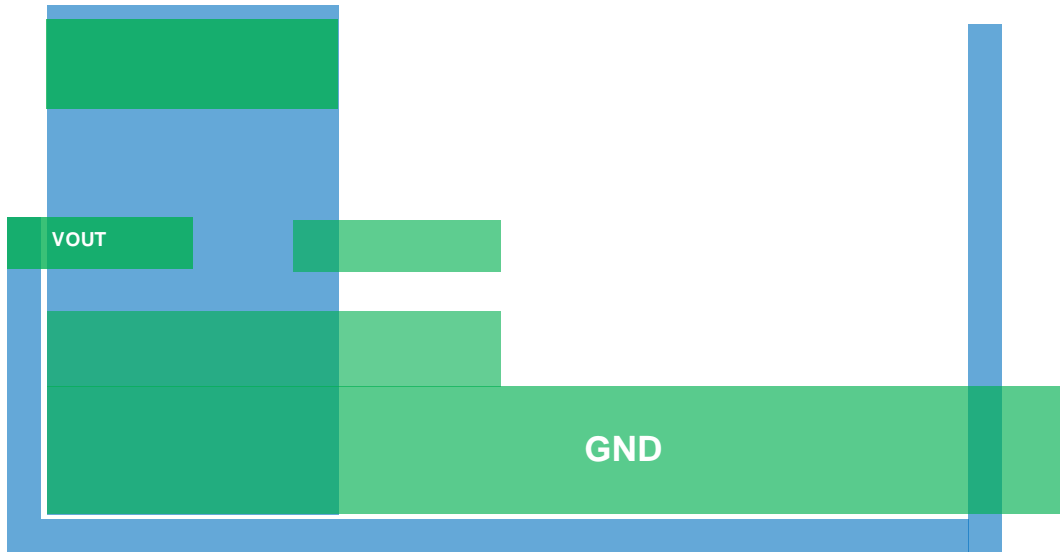
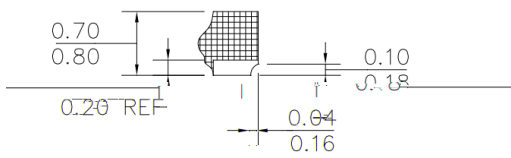
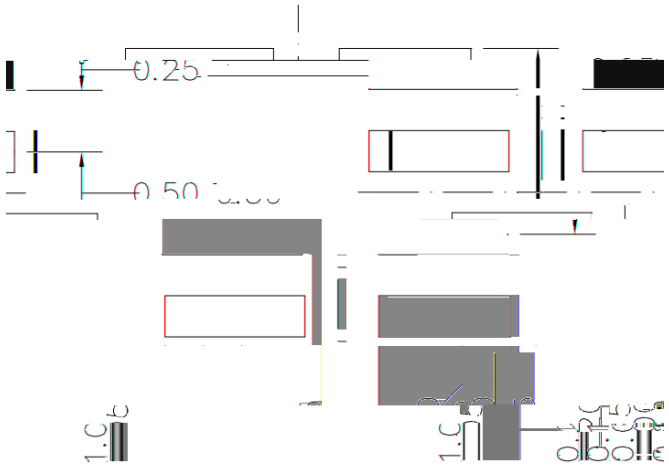
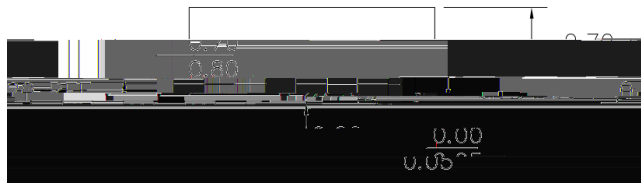
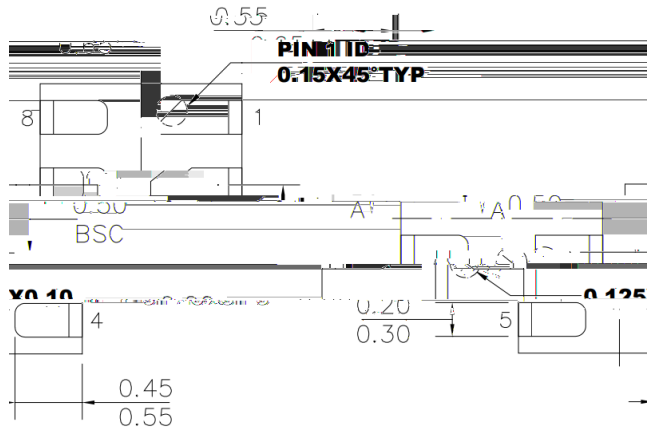
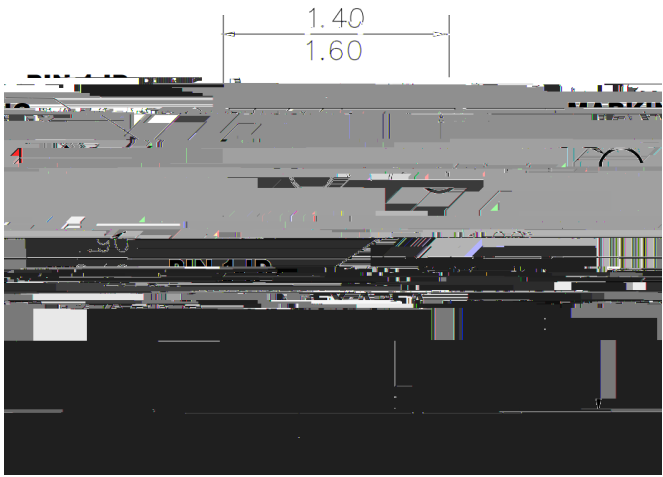
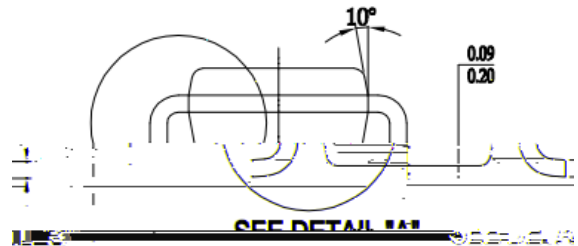
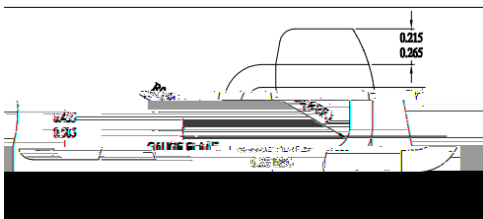
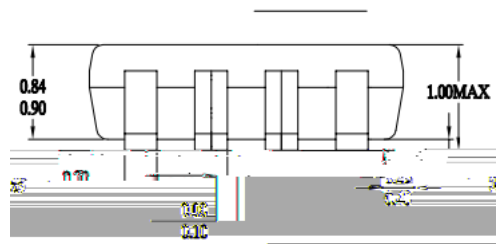
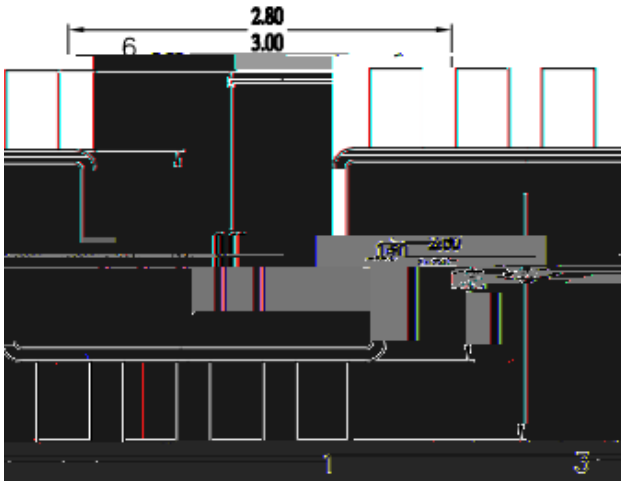


Figure 22. PCB Layout Example (SCT2120 TTBR)

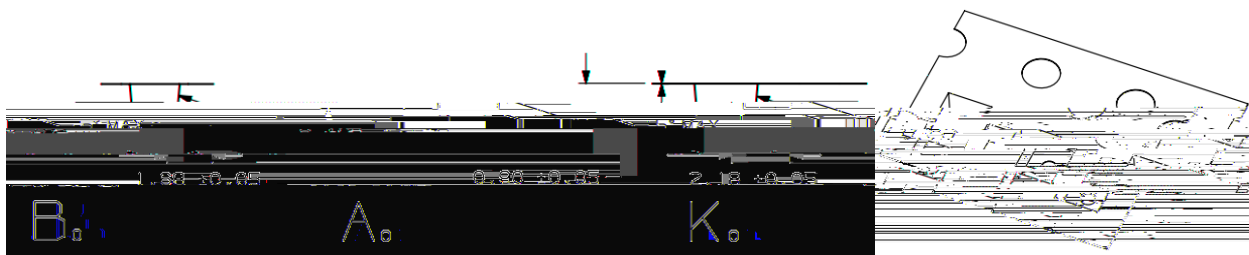
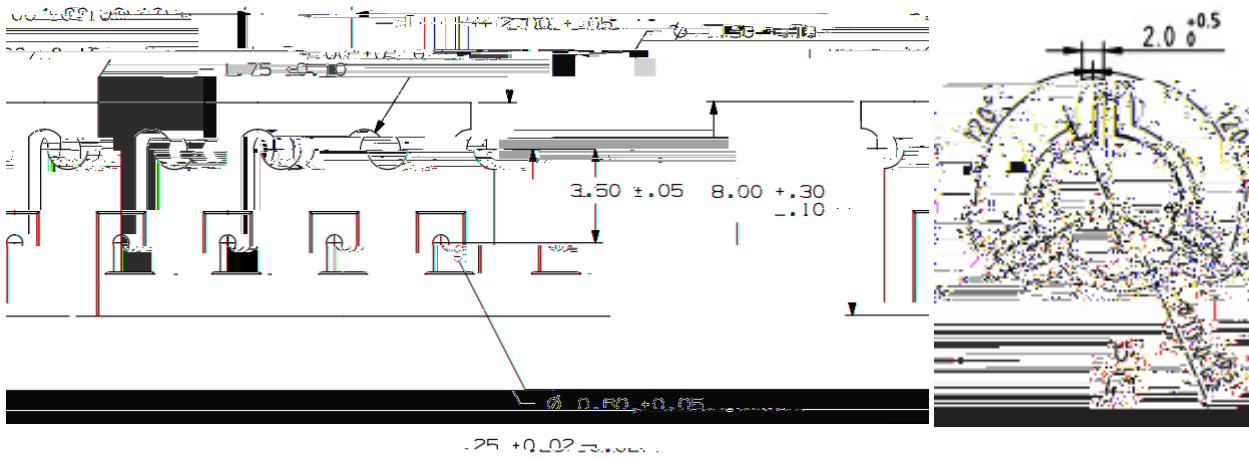
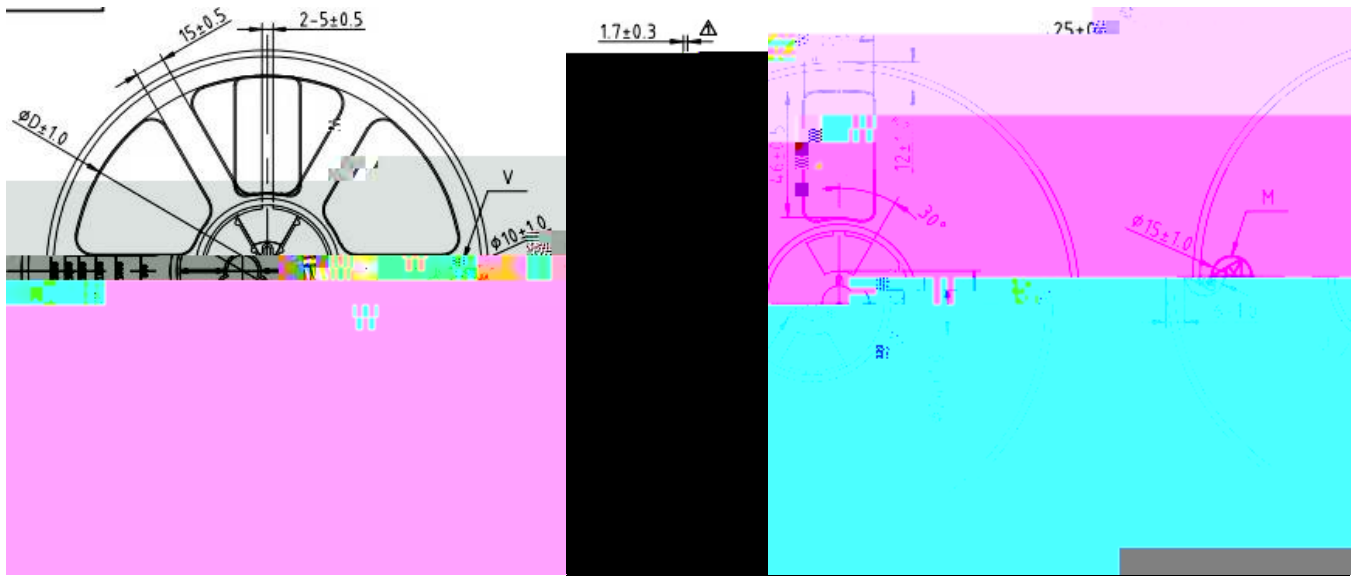


NOTE:

# SCT2120



NOTE:



**NOTICE:**