2.8V

PIN FUNCTIONS

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

RECOMMENDED OPERATING CONDITIONS

PARAMETER	DEFINITION	MIN	MAX	UNIT

ESD RATINGS

PARAMETER	DEFINITION	MIN	MAX	UNIT

THERMAL INFORMATION

PARAMETER	THERMAL METRIC	FCTQFN1.5X2-8L	UNIT

TYPICAL CHARACTERISTICS

FUNCTIONAL BLOCK DIAGRAM

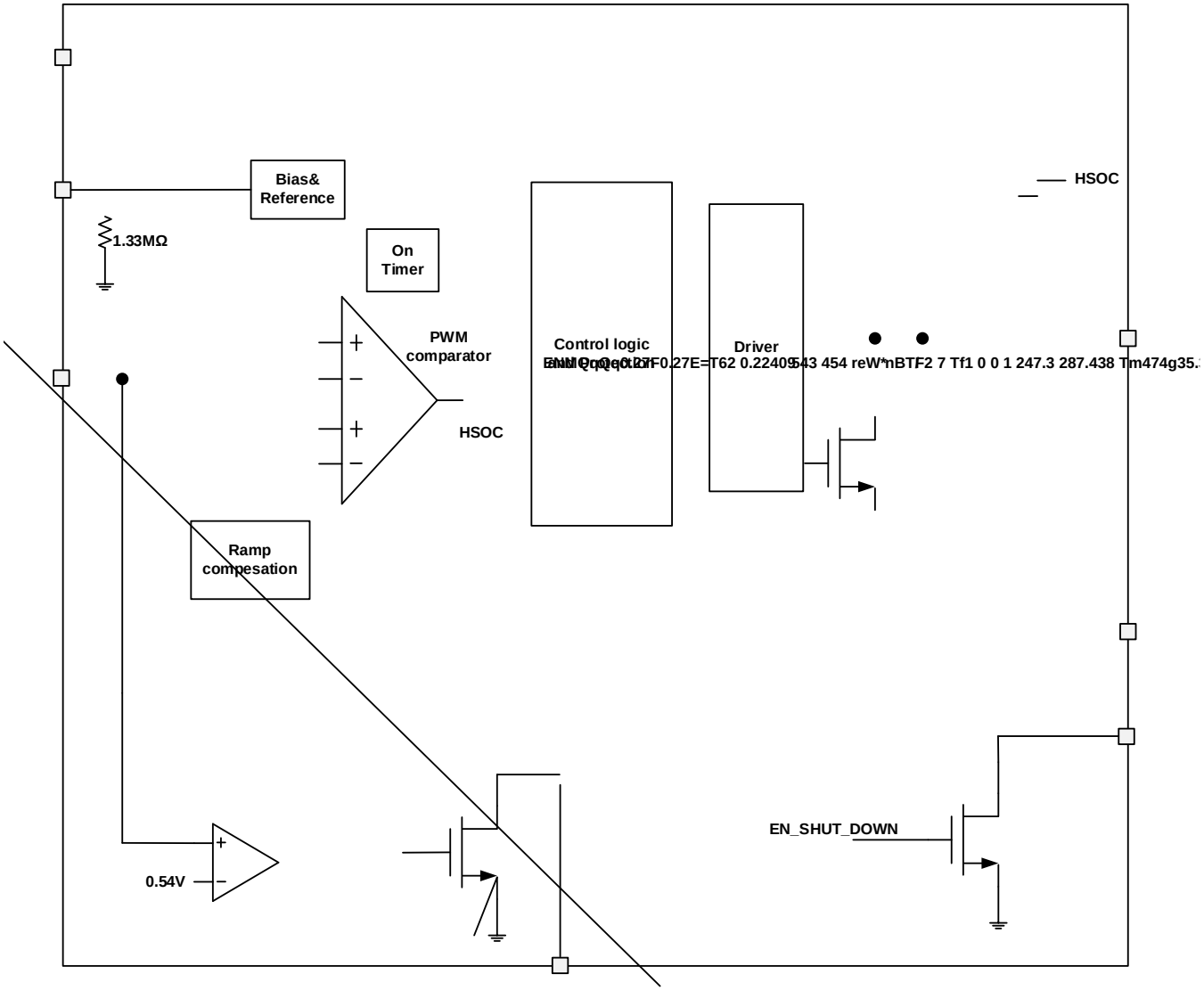


Figure 7. Functional Block Diagram

(—— 1)

Under Voltage Lockout UVLO

Enable(EN)

regfalatarten-US

.

Soft Start(SS)

Over Current Protection (OCP) and Hiccup Mode

Output Voltage

1 (—— 1) 2

V_{OUT}	R_1	R_2

Inductor Selection

(-)

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

Input Capacitor Selection

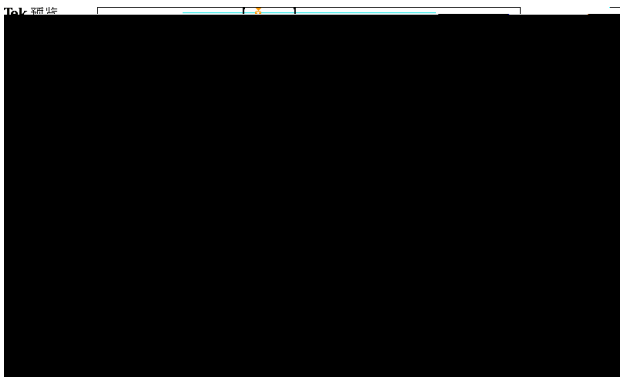
$$\sqrt{\text{——} \quad (1 \quad \text{——})}$$

——————— (1 ——)

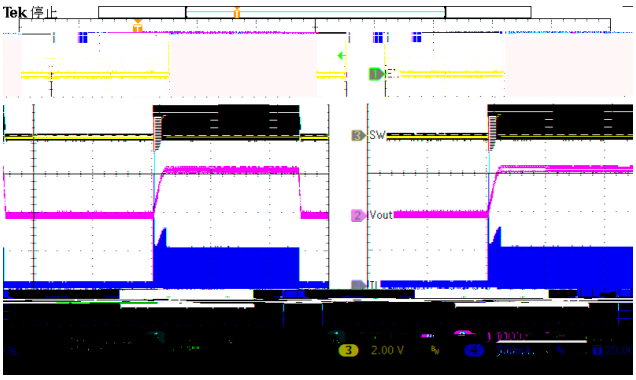
V_{IN}

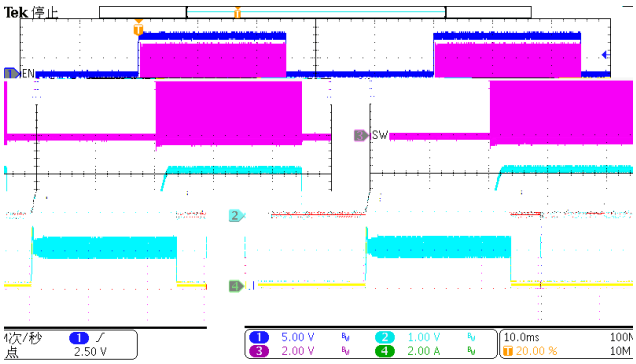
Output Capacitor Selection

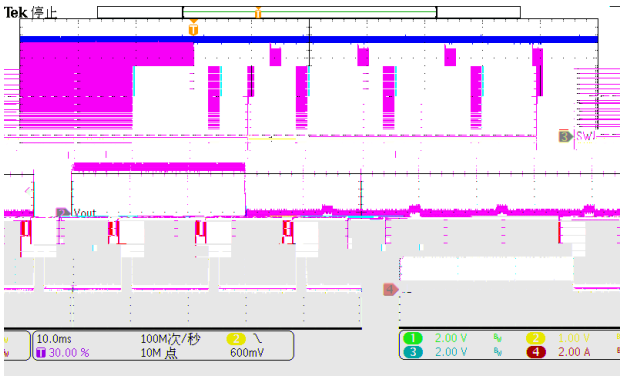
Application Waveforms

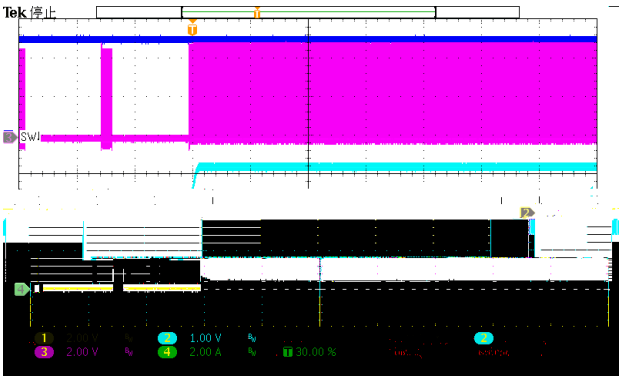












Application Waveforms

Layout Guideline

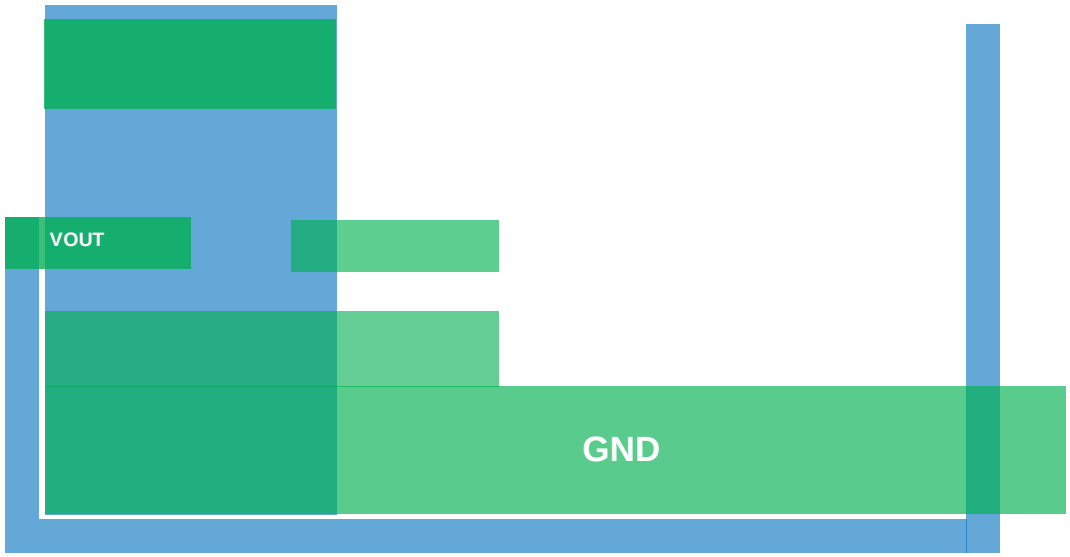
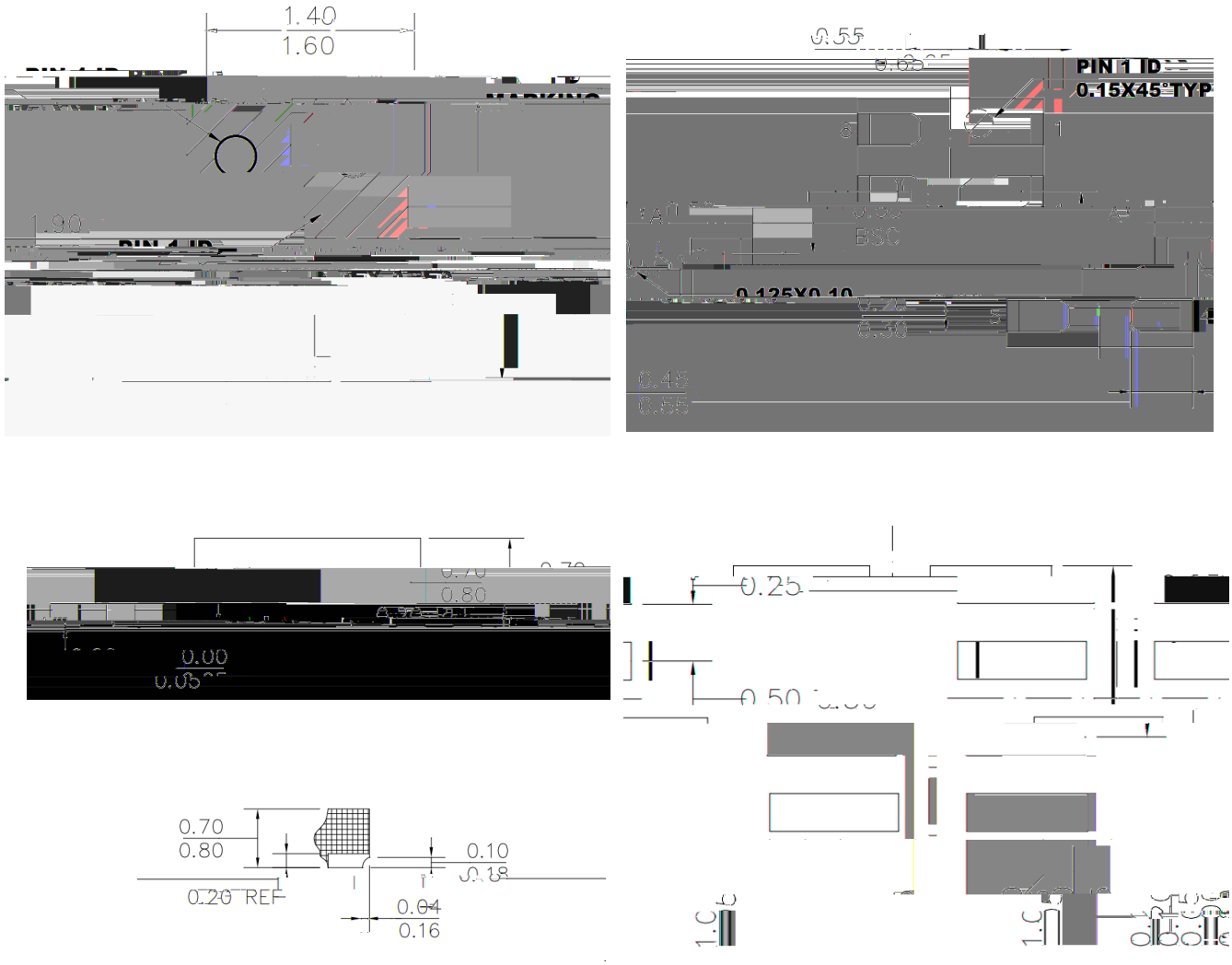


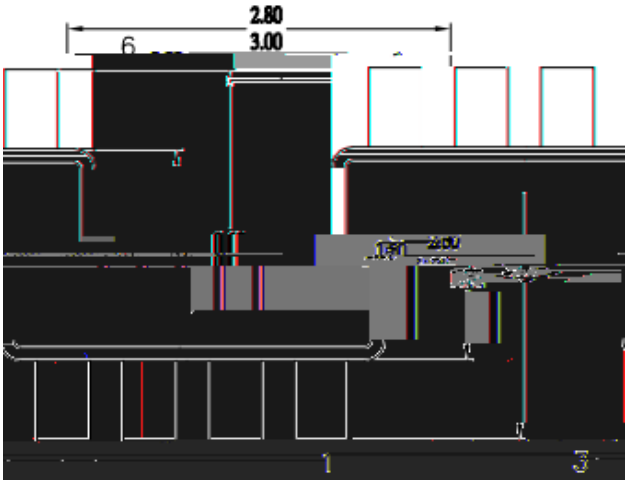
Figure 22. PCB Layout Example (SCT2120 TTBR)

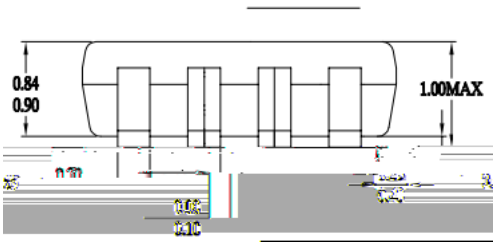
PACKAGE INFORMATION

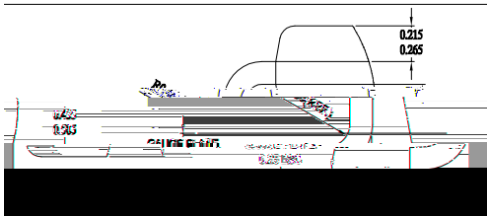


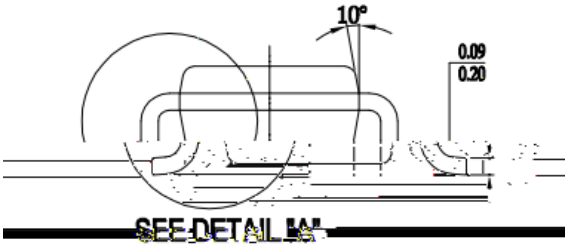
NOTE:

PACKAGE INFORMATION



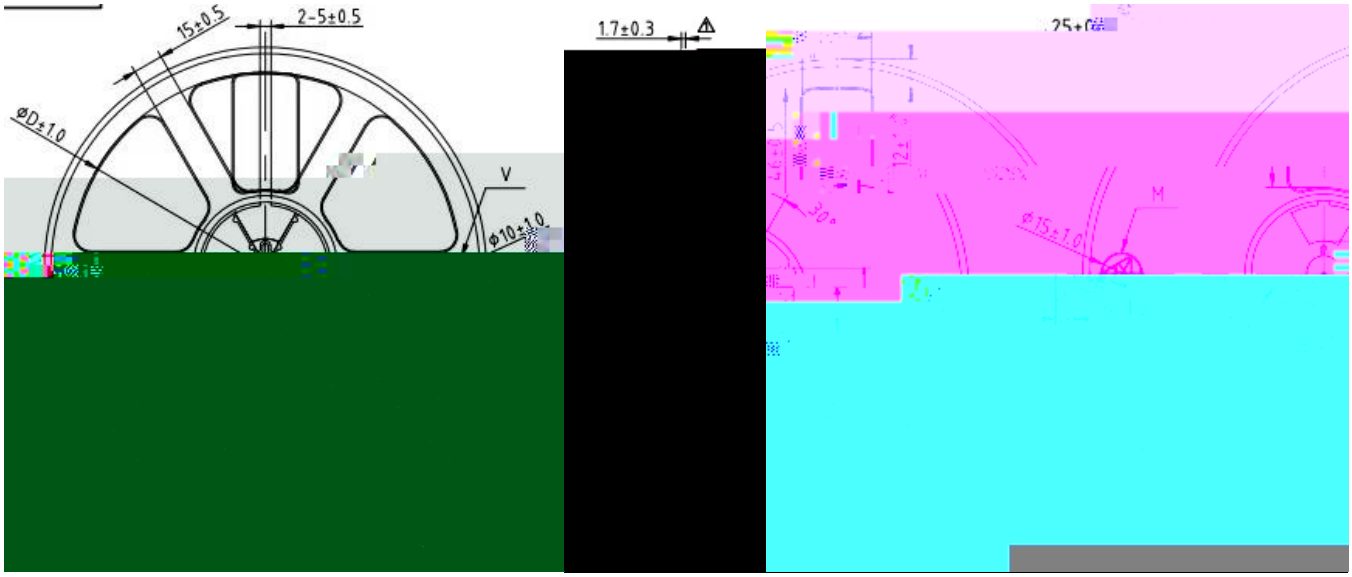


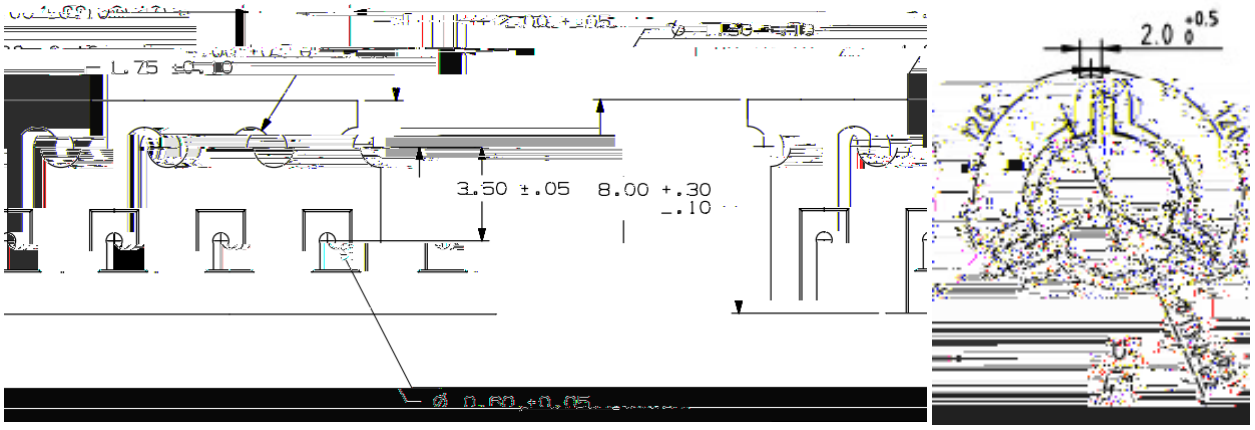


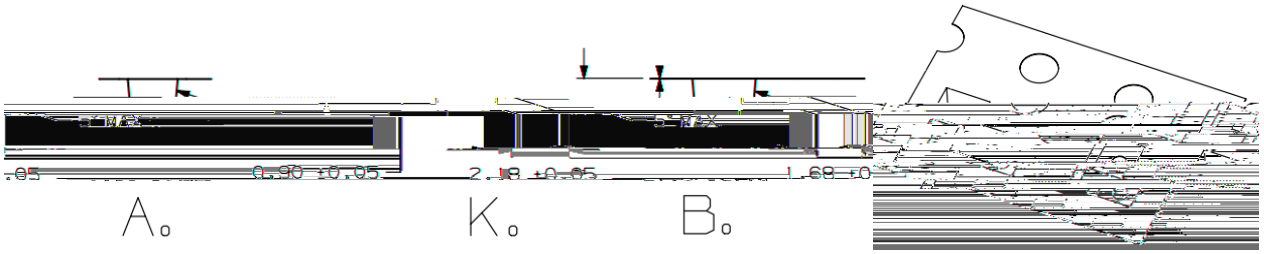


NOTE:

TAPE AND REEL INFORMATION







TAPE AND REEL INFORMATION

NOTICE: