

SCT CON

PARAMETER	DEFINITION	MIN	MAX	UNIT

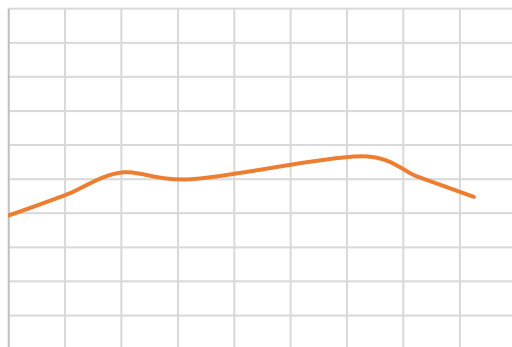
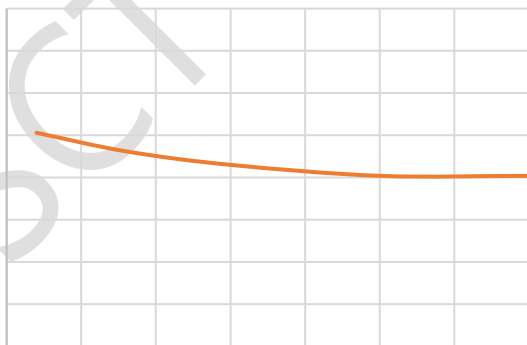
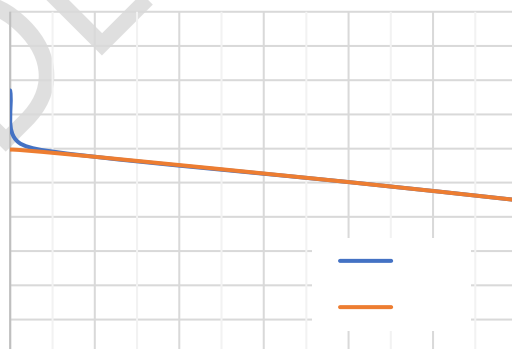
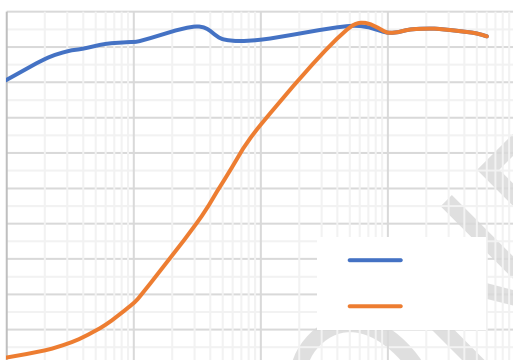
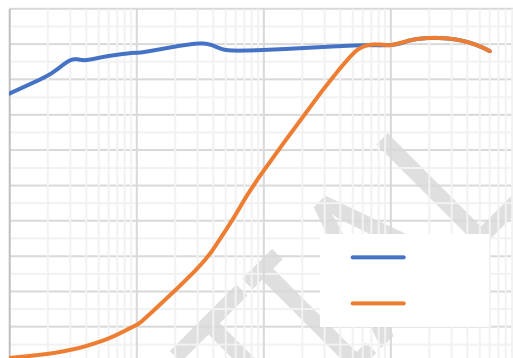
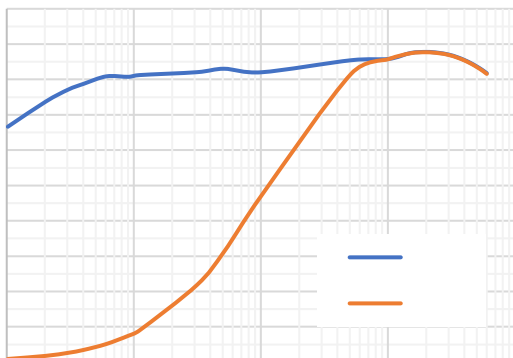
PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	FCTQFN2X3-9L	UNIT

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SCT2160A

SYMBOL	PARAMETER	TEST CONDITION	MIN	TYP	MAX	UNIT
Protection						



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Overview

Constant On-time Control

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Switching Frequency

Table 2. FSET Pin Set-up for typical Switching Frequency Selection

Frequency Spread Spectrum

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Power Good Indicator

Thermal Shutdown

Typical Application

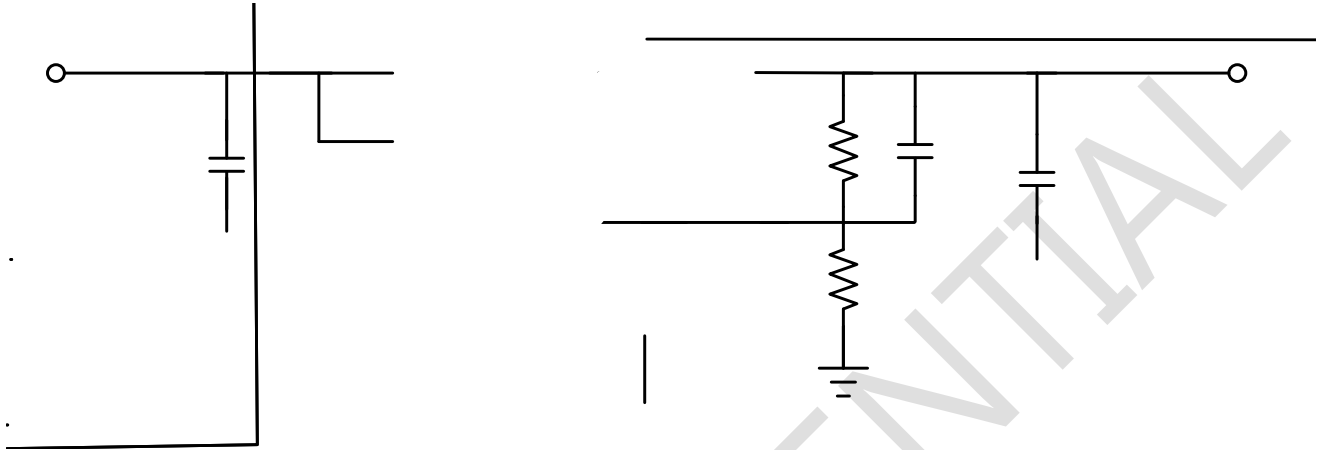


Figure 10. SCT2160A Design Example, 1.8V Output

Design Parameter 1 362 re(ametUS) 12/La93 Tf1 0nMC /z 0 14 291.29 363.5

Output Voltage

V _{OUT}	R ₁	R ₂

Inductor Selection

SCTC

Output Capacitor Selection

-
-
-
-
-
-
-

Table 3: Component List with Typical Output Voltage BOM list

Fsw (MHz)	Vout (V)	L (uH)	R1 (k)	R2 (k)	Cf (pF)

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