

SCT CONFIDE

SCT CONF

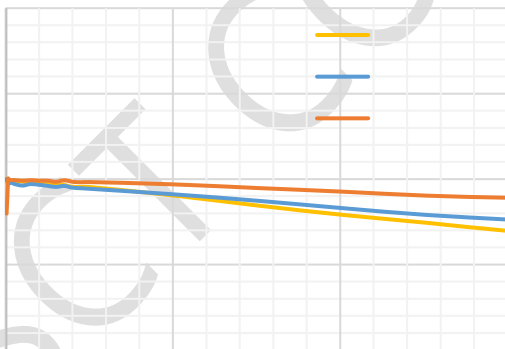
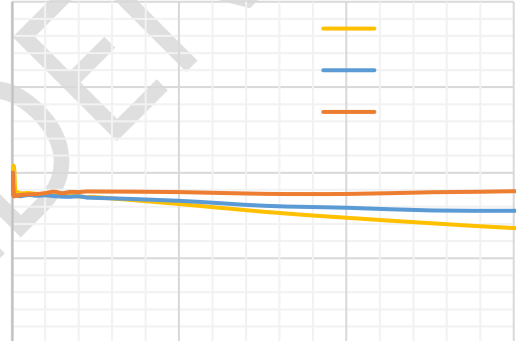
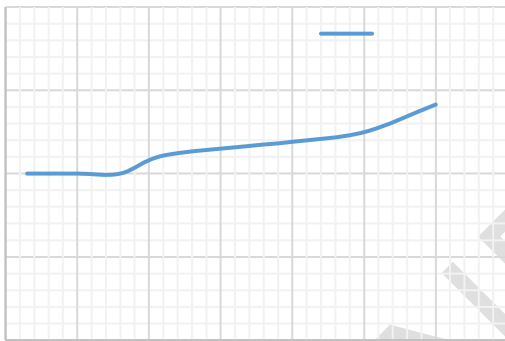
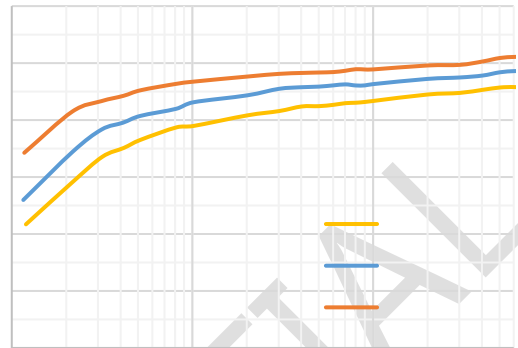
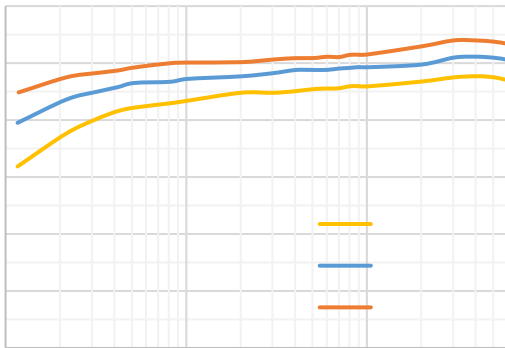
PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	ECLGA1.5X2-6L	UNIT

SCT2113M

SYMBOL	PARAMETER	TEST CONDITION	MIN	TYP	MAX	UNIT
Power Supply and Output						
Power switch						
Soft start						
EN						
Switching Frequency						
Protection						



SCTCO

Overview

Constant On-time Control

SCT CONFIDENTIAL

SCT CONFID

SCTC

SCT CONFIDENTIAL

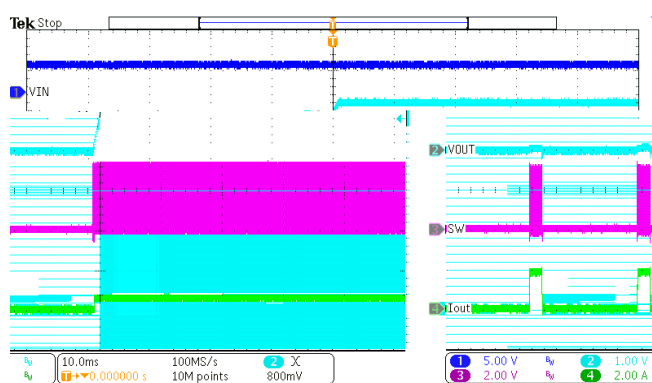
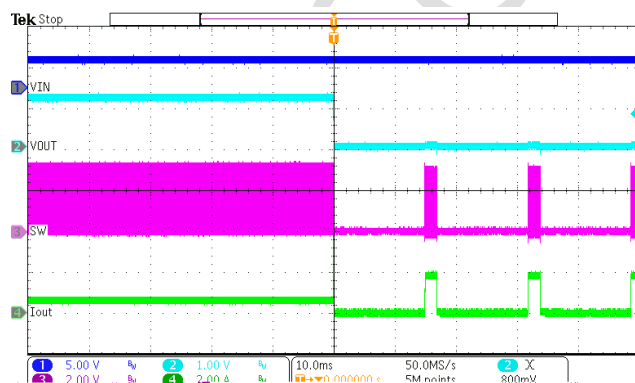
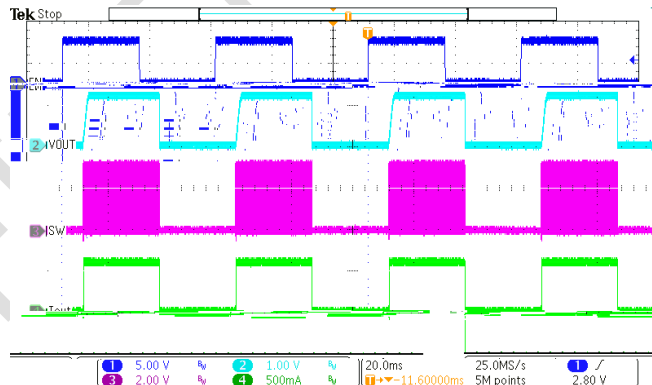
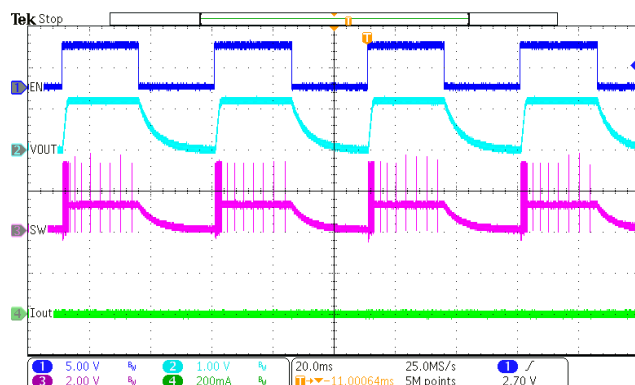
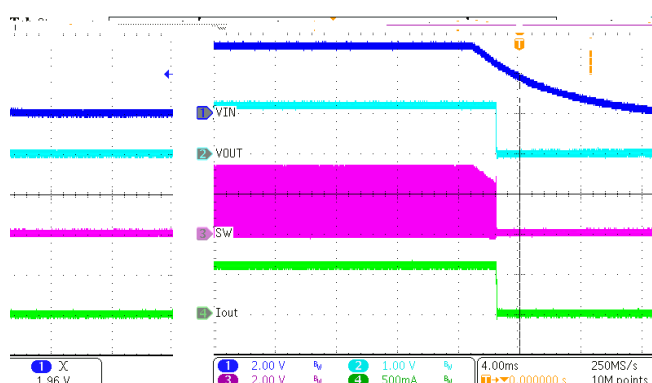
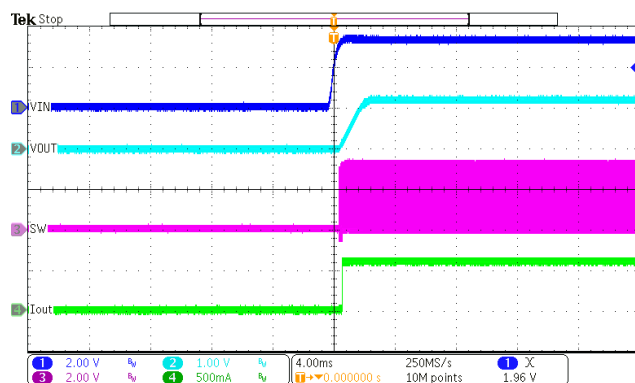
Output Capacitor Selection

$$\Delta V_{OUT} = \frac{(\quad - \quad)}{8 \cdot \quad}$$

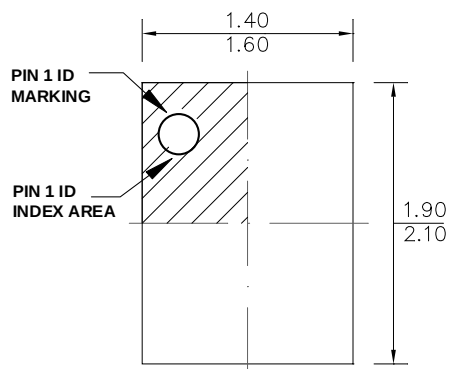
- V_{OUT}
-
-
-
-
-

Table 2: Component List with Typical Output Voltage BOM list

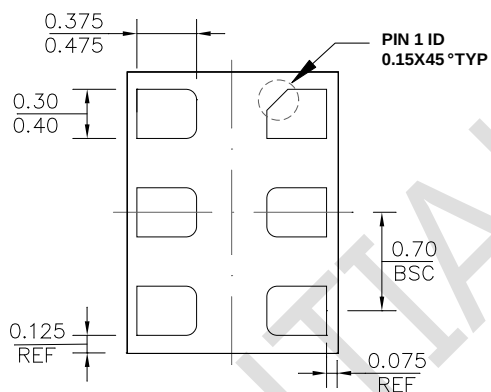
Application Waveforms



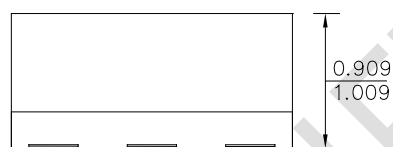
SCT CONFIDENTIAL



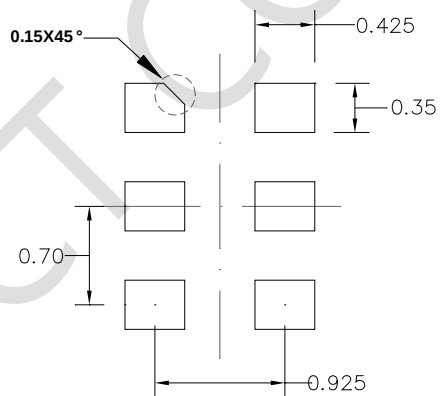
TOP VIEW



BOTTOM VIEW



SIDE VIEW



RECOMMENDED LAND PATTERN

NOTE:

- 1) ALL DIMENSIONS ARE IN MILLIMETERS.
- 2) LEAD COPLANARITY SHALL BE 0.10 MILLIMETER MAX.
- 3) JEDEC REFERENCE IS MO-303.
- 4) DRAWING IS NOT TO SCALE.

NOTICE:

SCT CONFIDENTIAL