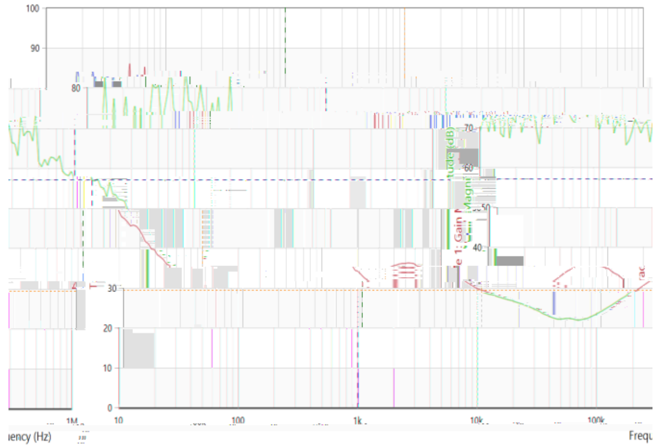
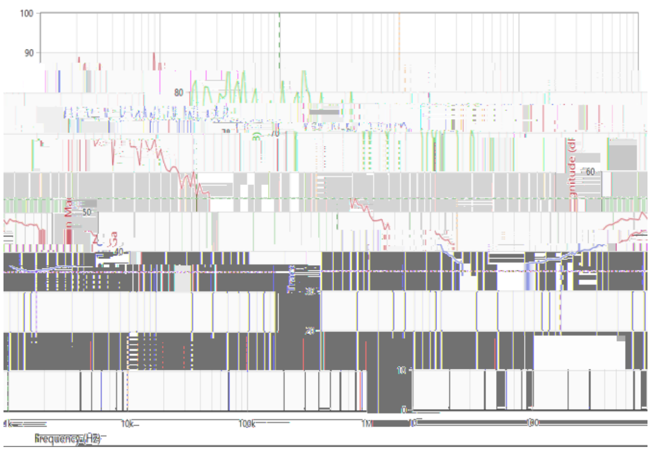
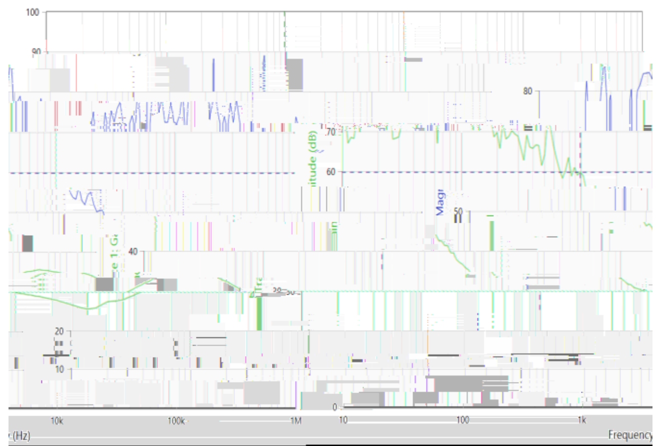
3V-40V Vin, 200mA, Ultra-Low Quiescent Current LDO with Adjustable Output Voltage

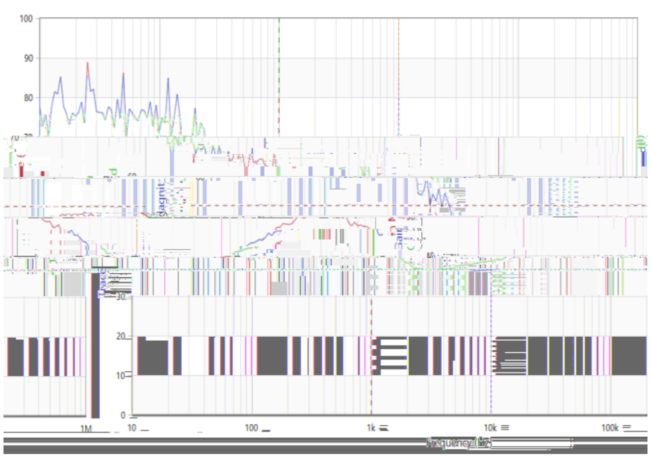
Release to production.
Update the ELECTRICAL CHARACTERISTICS.

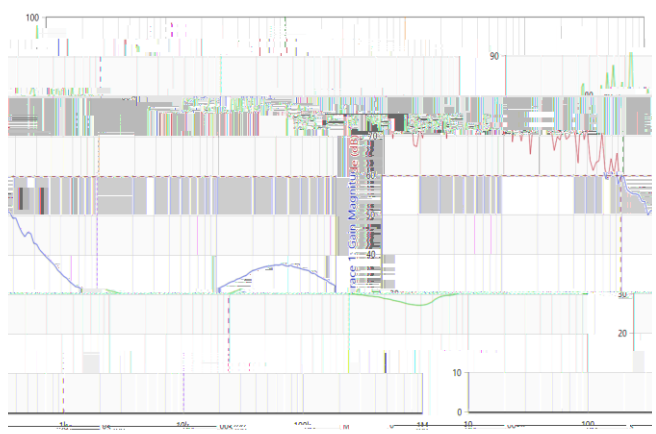
Orderable Device	O

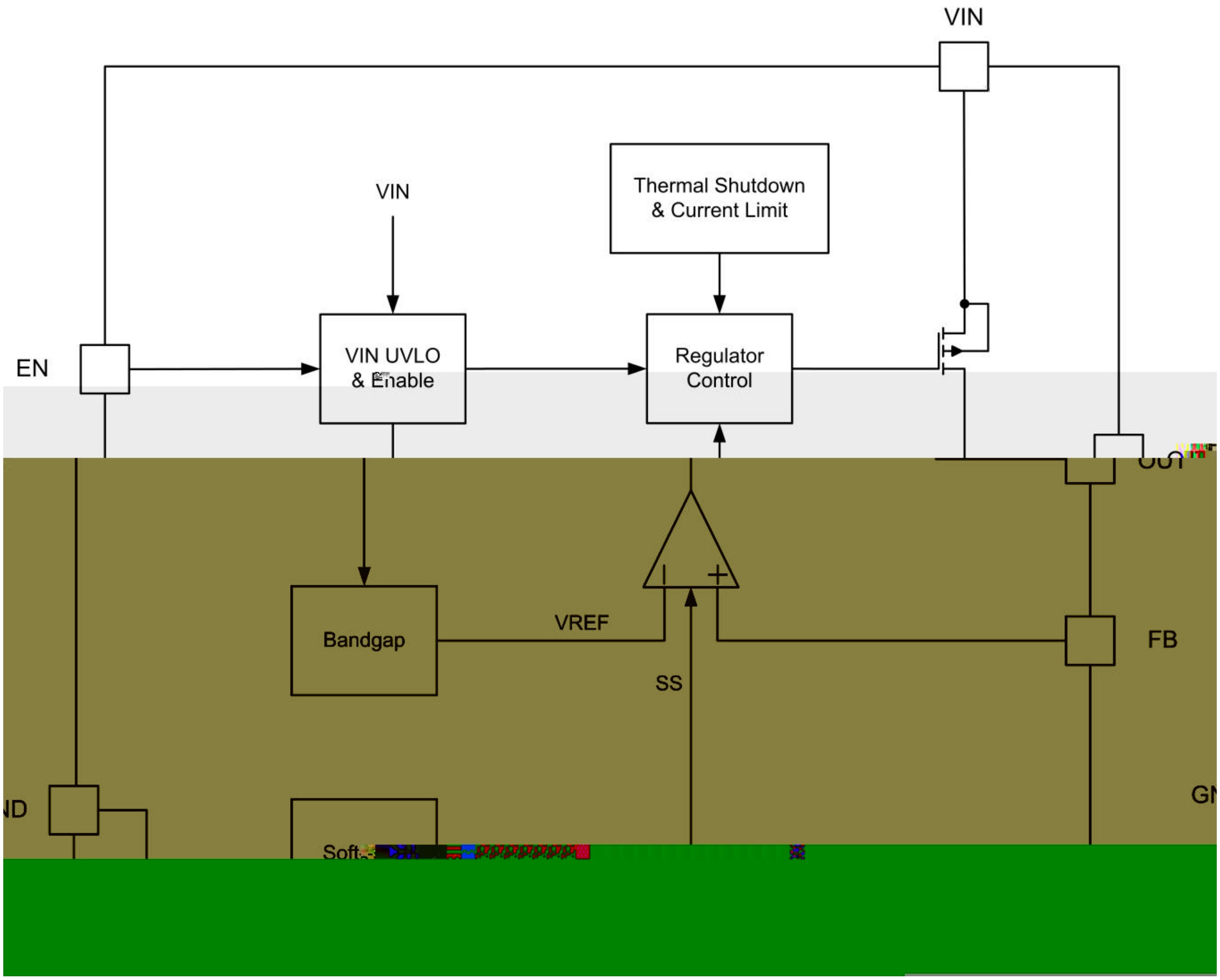








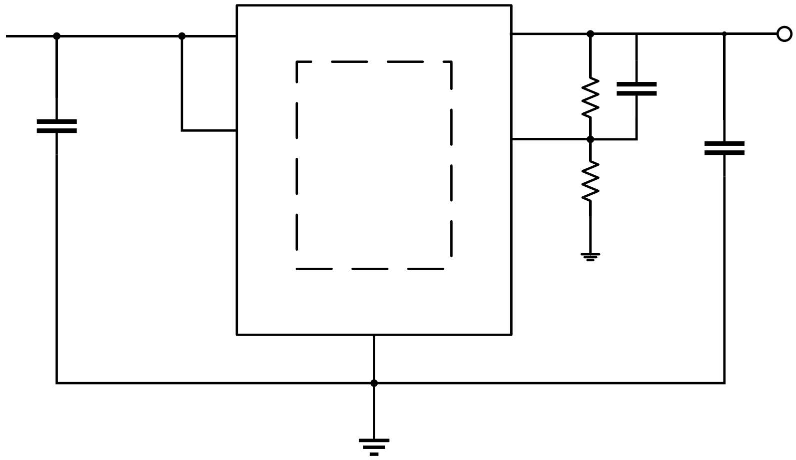



VIN
Thermal Shutdown
& Current Limit
VIN
EN
VIN UVLO
& Enable
Regulator
Control
Bandgap
VREF
SS
FB

Overview

The SCT71402Q series products provide adjustable output version which can adjust the output voltage from 1.215V to 25V

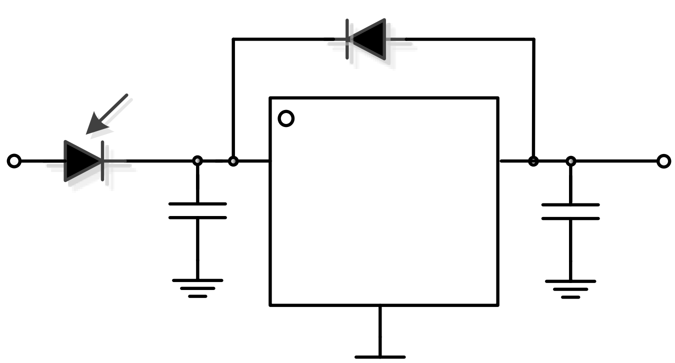
Typical application 1:



Design Parameters

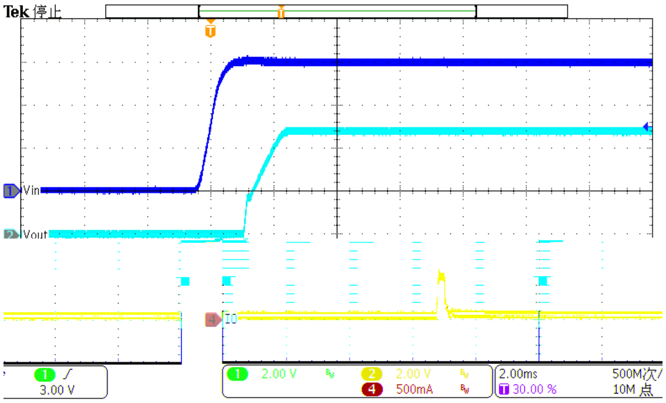
Design Parameters	Example Value

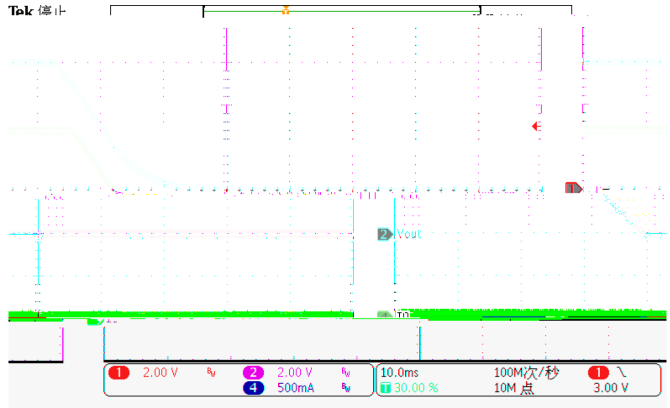
Typical application 2:

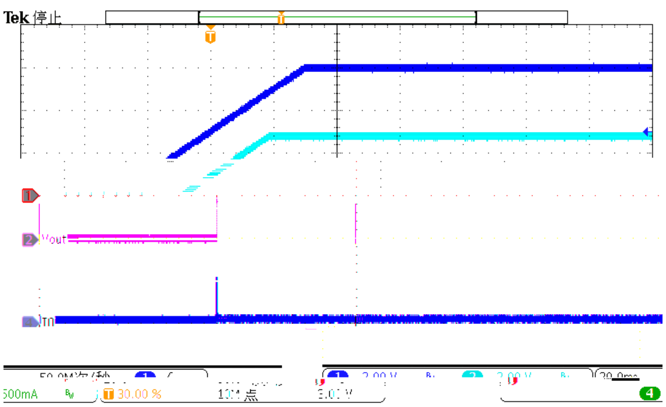


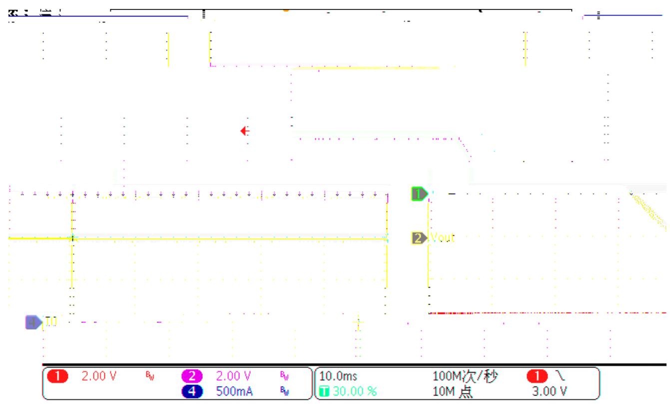
Power Dissipation and Thermal Performance

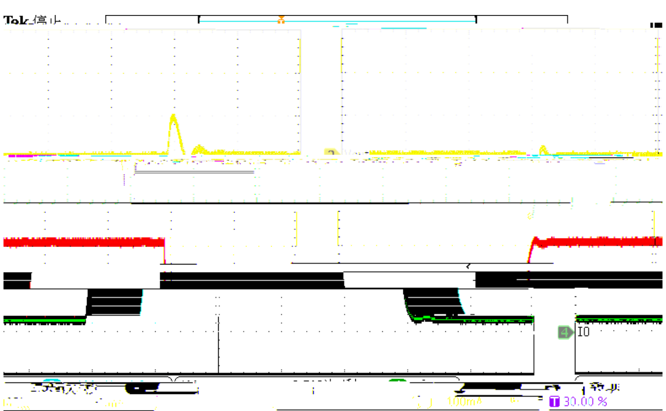
Application Waveforms

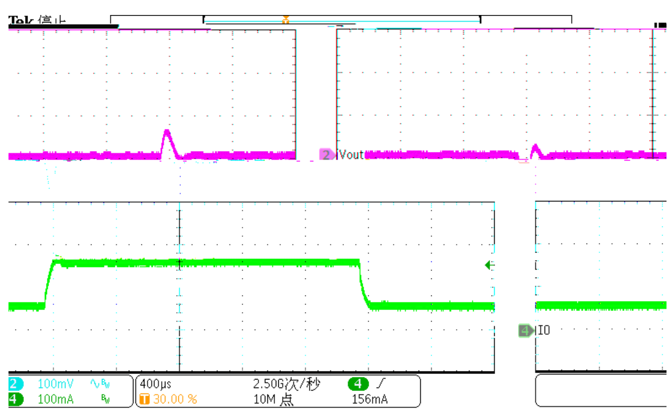




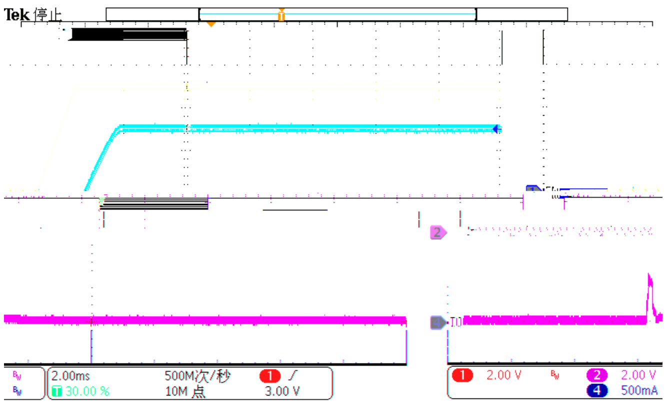


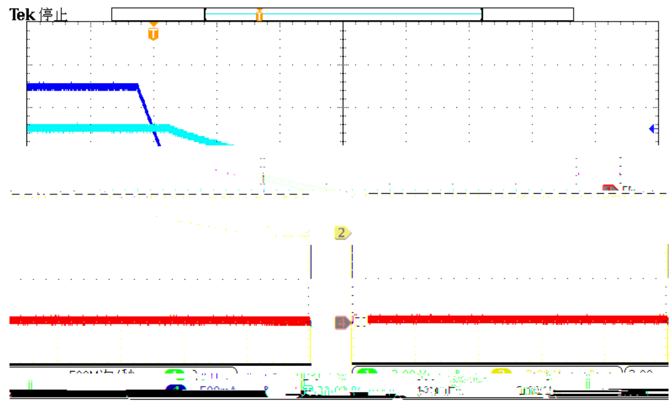


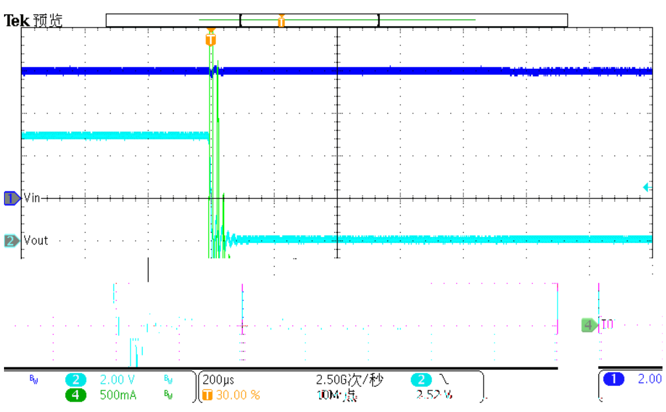


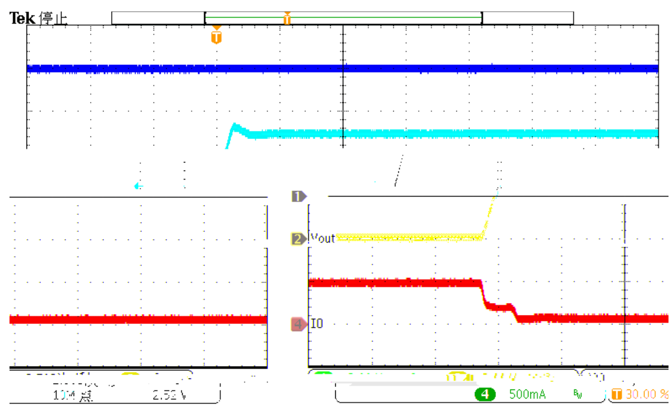


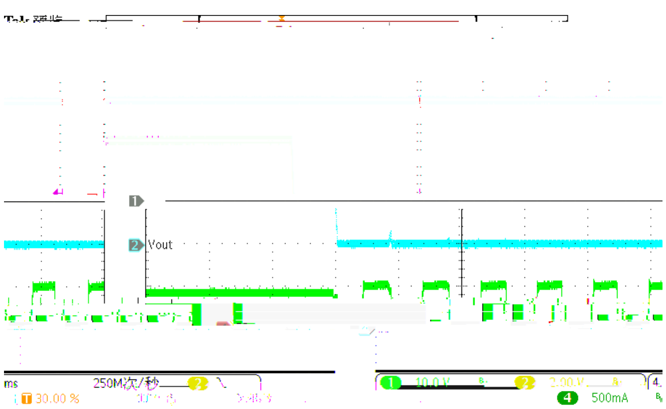
Application Waveforms(Continued)

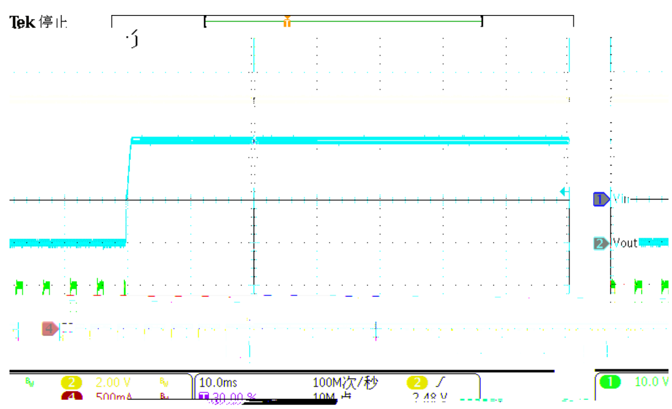








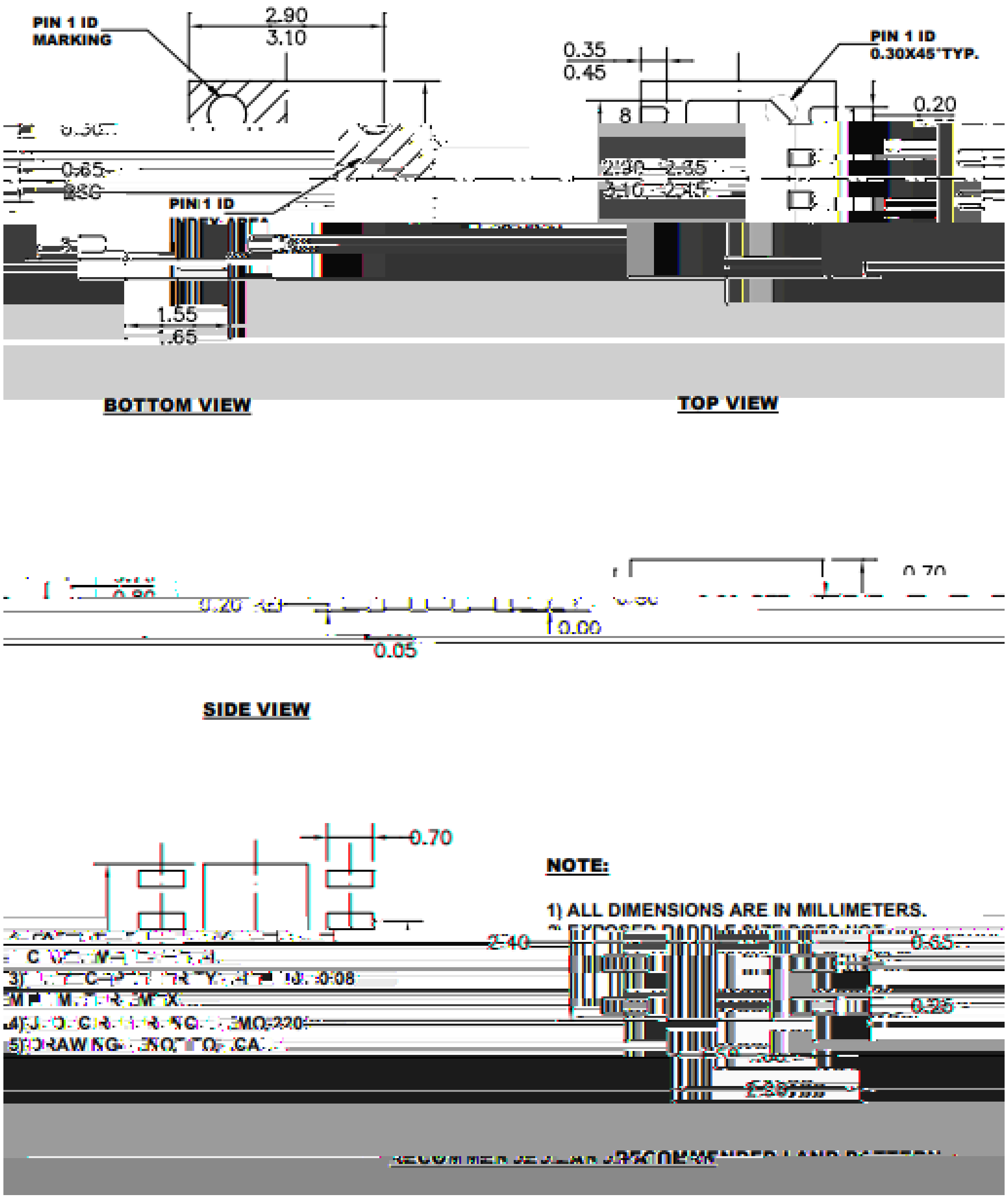




Layout Guideline

1.
2.

3.
4.


PIN 1 ID
MARKING
2.90
3.10
0.35
0.45
PIN 1 ID
0.30X45°TYP.
0.20
8
0.65
BSC
PIN 1 ID
1.55
1.65
BOTTOM VIEW
TOP VIEW
0.05
0.00
SIDE VIEW
0.70
NOTE:
1) ALL DIMENSIONS ARE IN MILLIMETERS.
2.40
0.65
0.25

NOTE:

1.
2.
3.
4.
5.
6.

NOTICE: