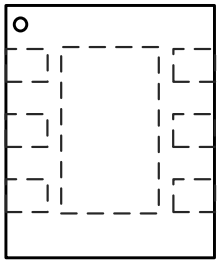
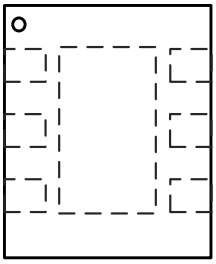
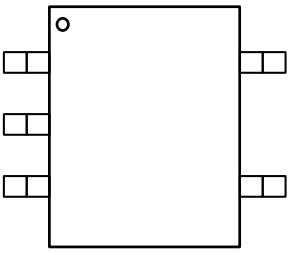
1.0: Release to production.

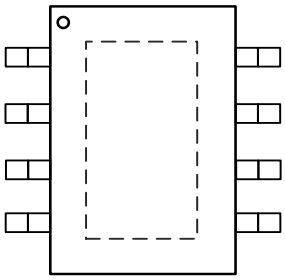
Revision 1.1: Update Figure 7.

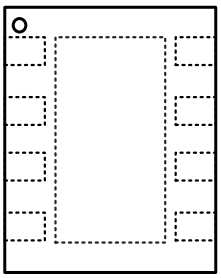
Revision 1.2: Update Part Number.







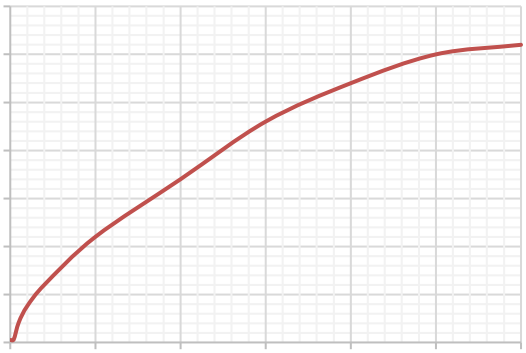


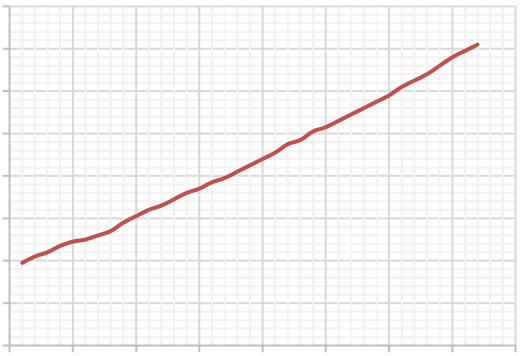


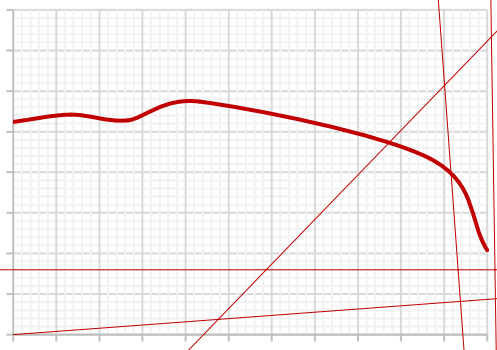
(1)

(2)

(3)







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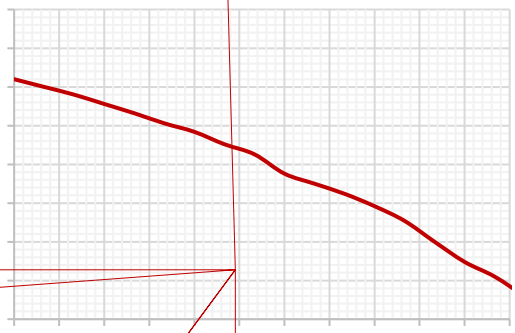

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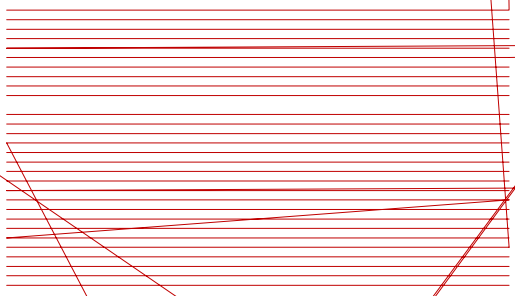
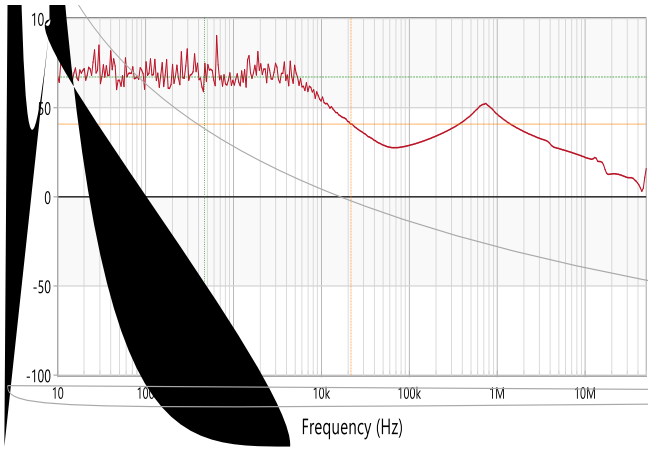
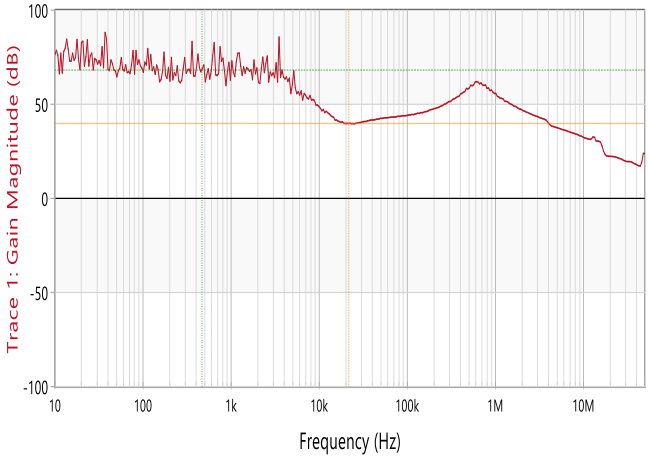
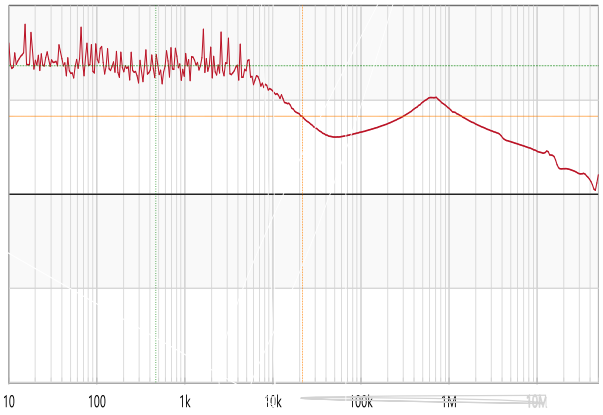
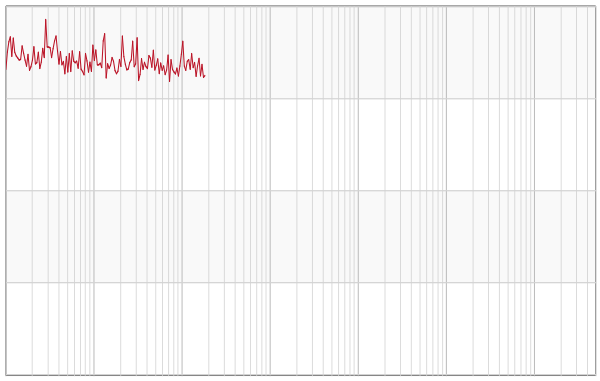
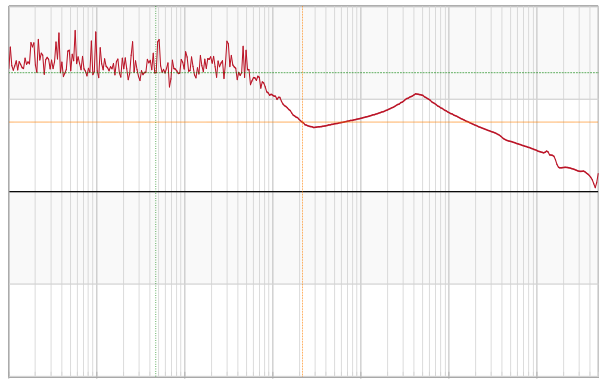


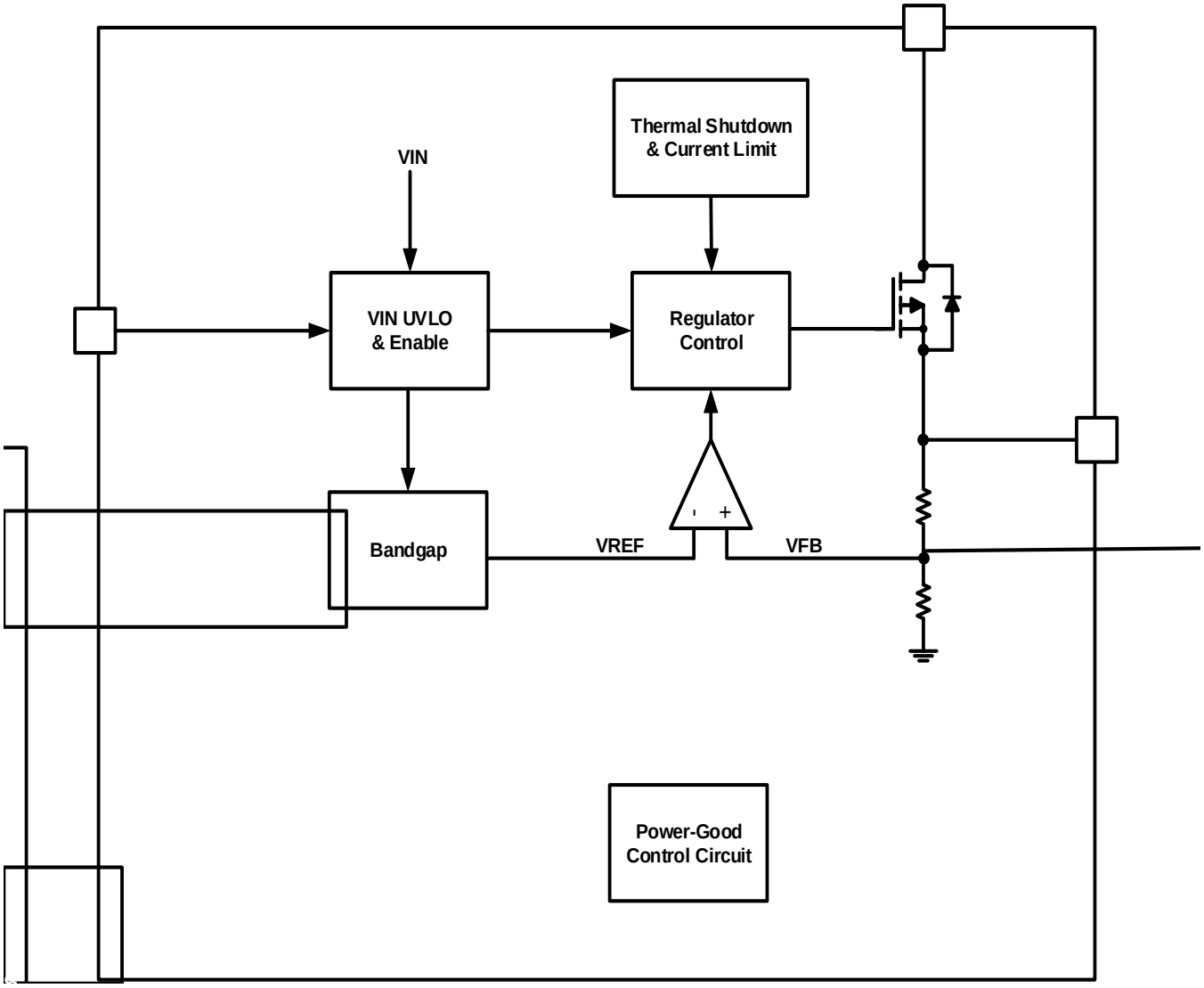

50
0
-50
-100
10
10k
100k
1M
10M
Frequency (Hz)

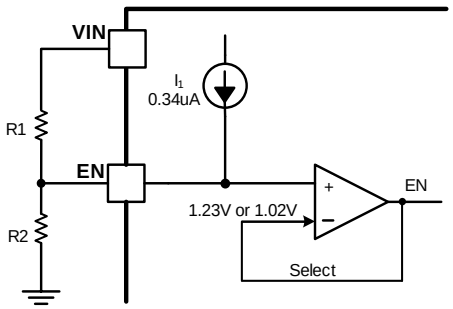

Trace 1: Gain Magnitude (dB)
100
50
0
-50
-100
10
100
1k
10k
100k
1M
10M
Frequency (Hz)

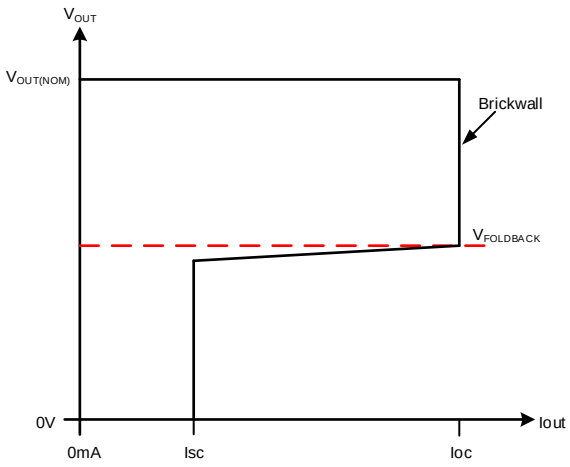

10
100
1k
10k
100k
1M

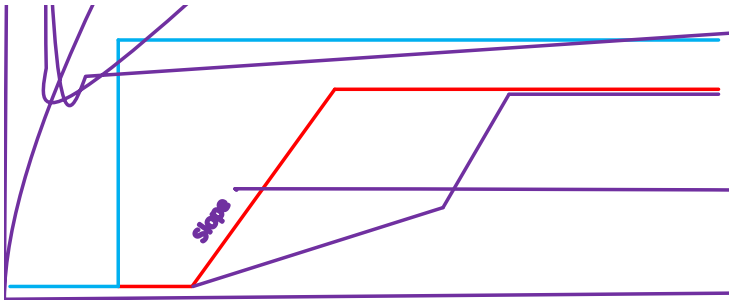




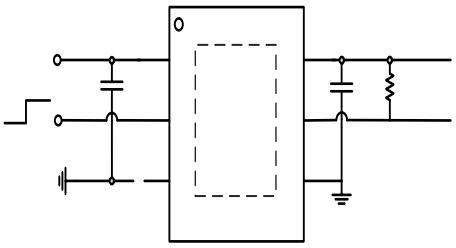

Thermal Shutdown
& Current Limit
VIN
VIN UVLO
& Enable
Regulator
Control
Bandgap
VREF
VFB
Power-Good
Control Circuit

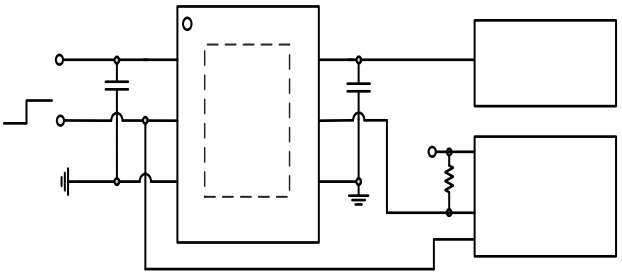

VIN
I1
0.34uA
R1
EN
EN
1.23V or 1.02V
R2
Select

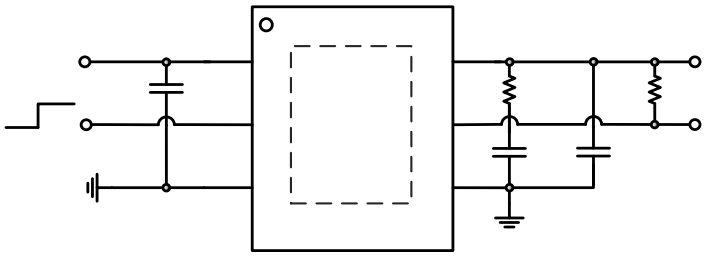

VOUT
VOUT(NOM)
Brickwall
VFOLDBACK
0V
0mA
Isc
Ioc
Iout

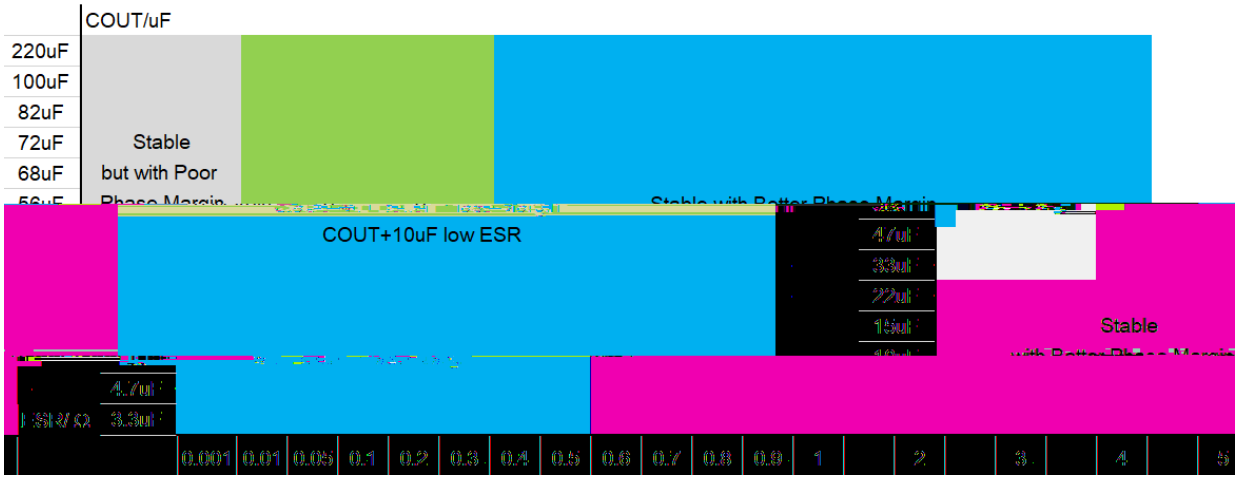

slope

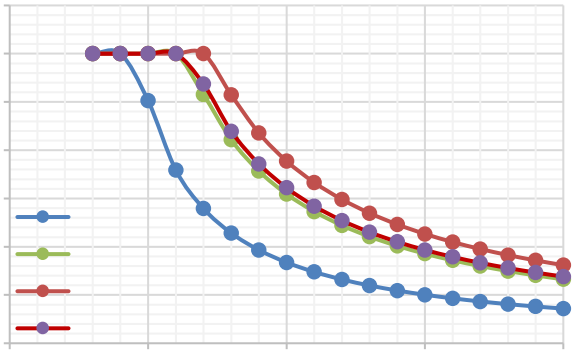
≥

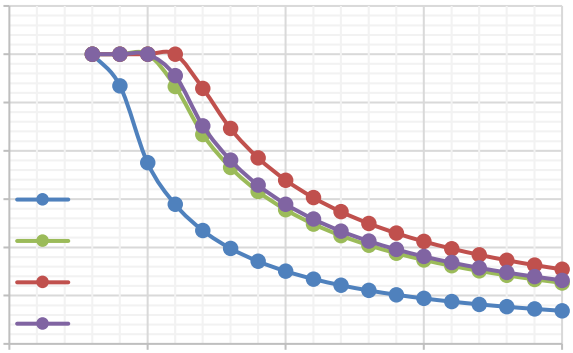


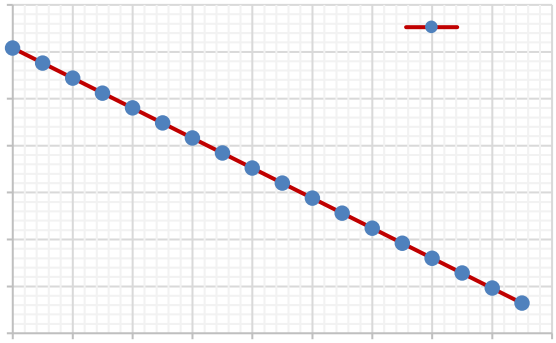





COUT/uF
220uF
100uF
82uF
72uF
68uF
Stable
but with Poor
COUT+10uF low ESR
Stable
4.7uF
3.3uF
0.001
0.01
0.05
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
2
3
4
5







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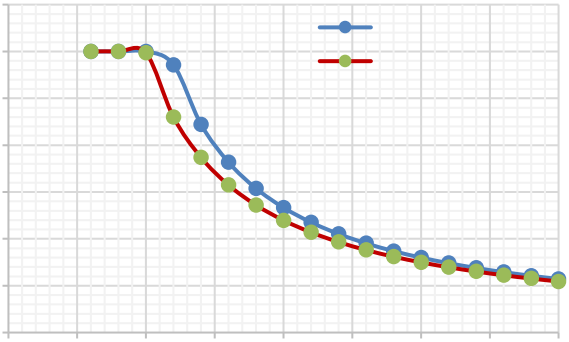

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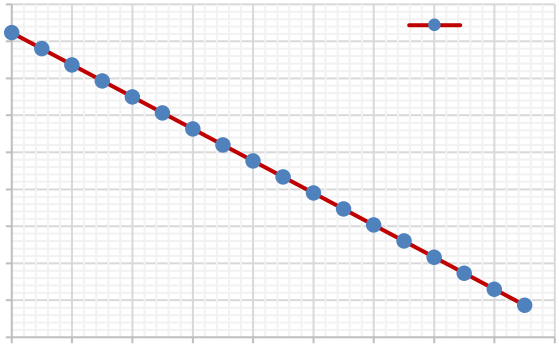

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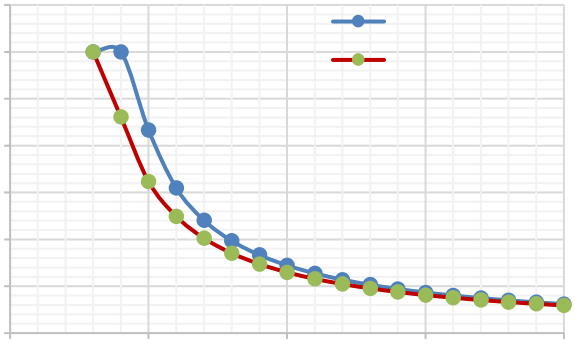

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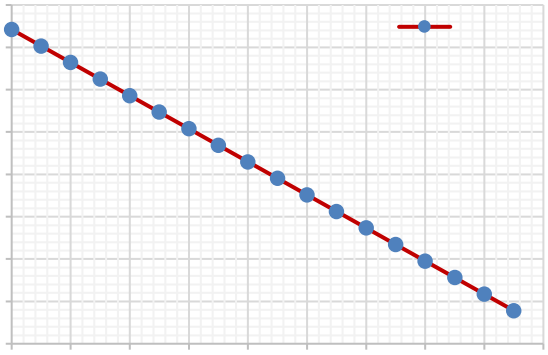

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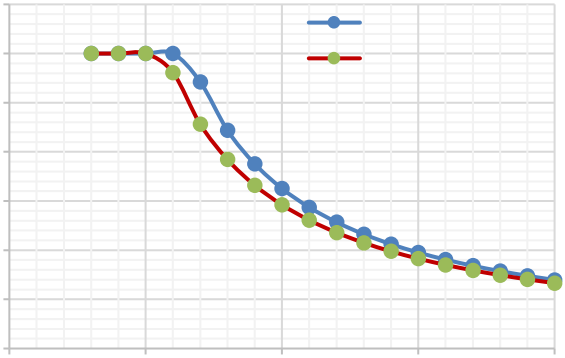

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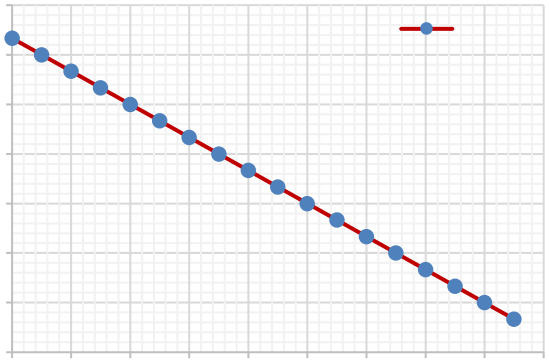

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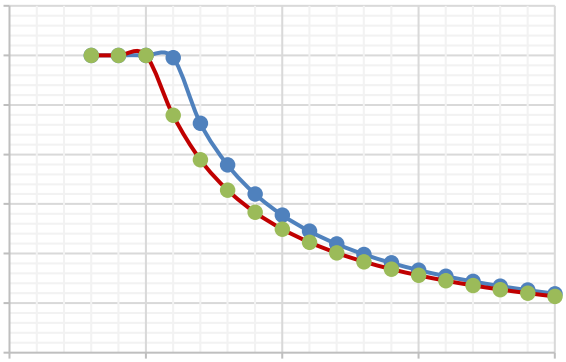

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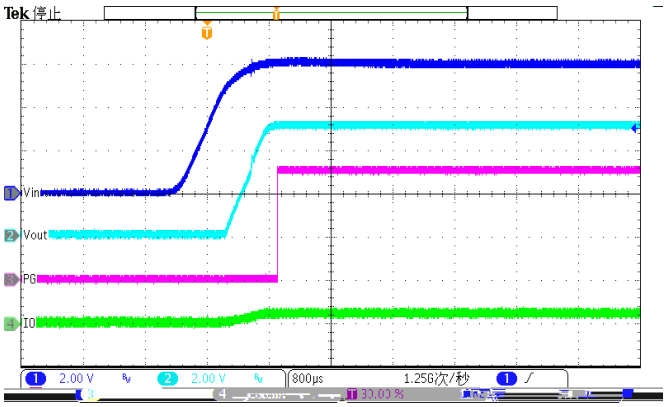
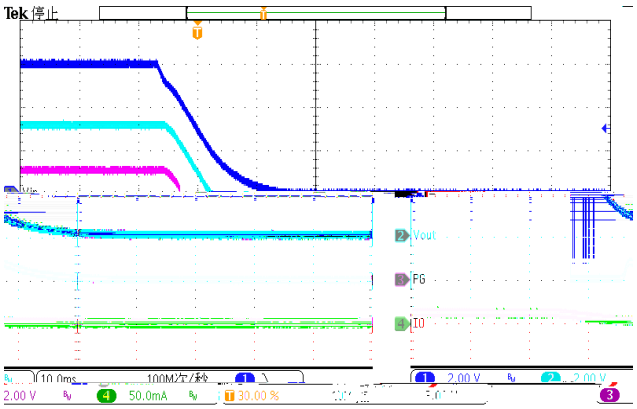
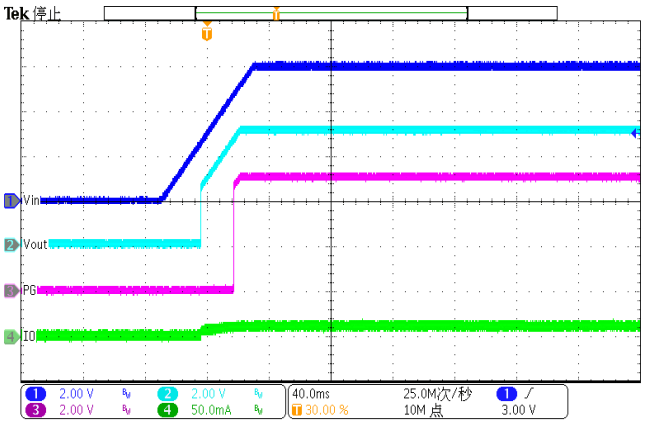
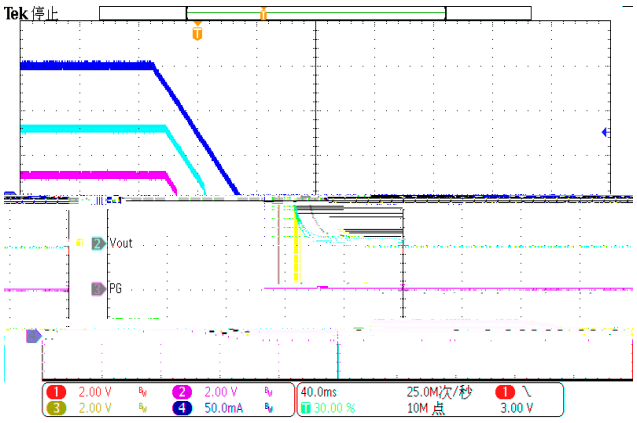
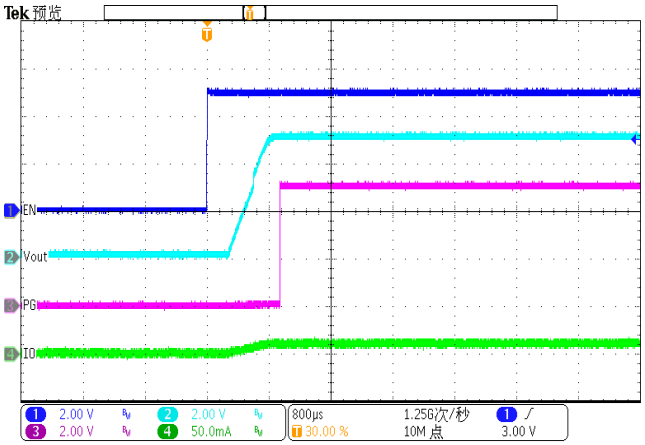
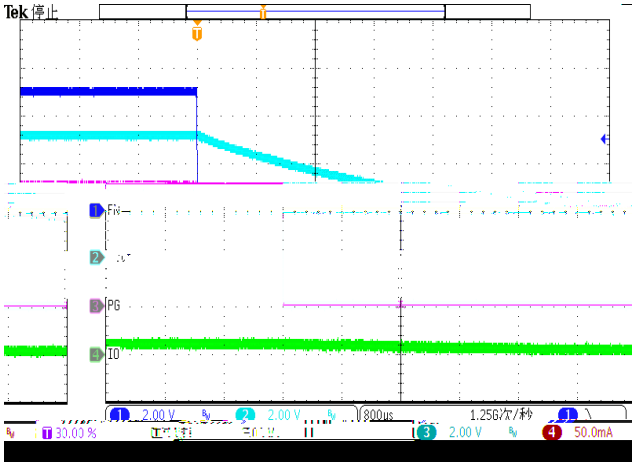

Tek 停止
Vin
Vout
PG
IO
2.00 V
800µs
1.25G次/秒

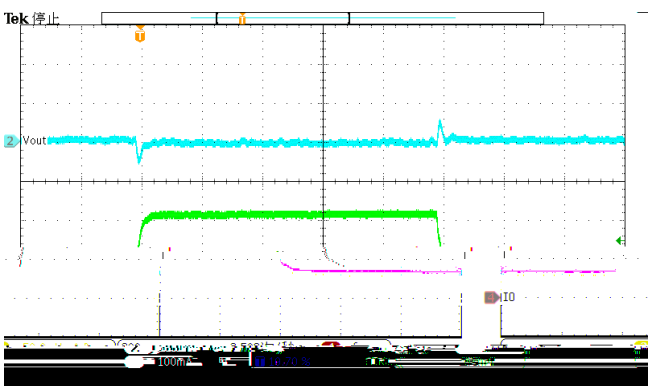

Tek 停止
Vout
PG
IO
50.0mA

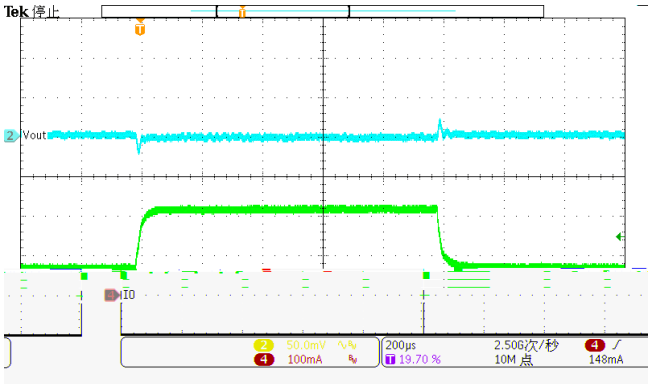

Tek 停止
Vin
Vout
PG
IO
2.00 V
50.0mA
40.0ms
25.0M次/秒
10M 点
3.00 V

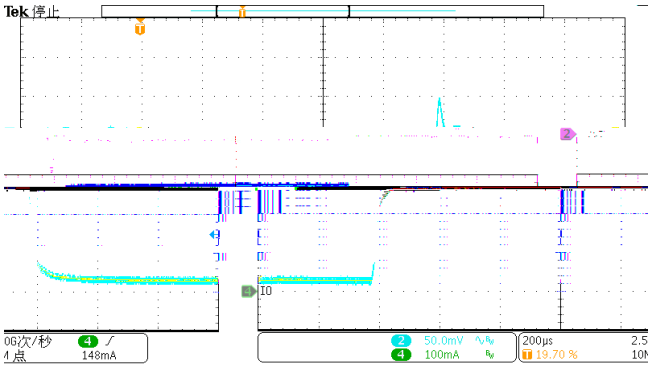

Tek 停止
Vout
PG
2.00 V
50.0mA
40.0ms
25.0M次/秒
10M 点
3.00 V

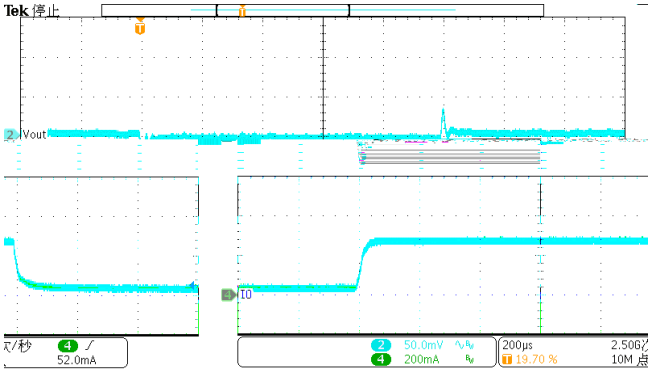

Tek 预览
EN
Vout
PG
IO
2.00 V
50.0mA
800µs
1.25G次/秒
10M 点
3.00 V

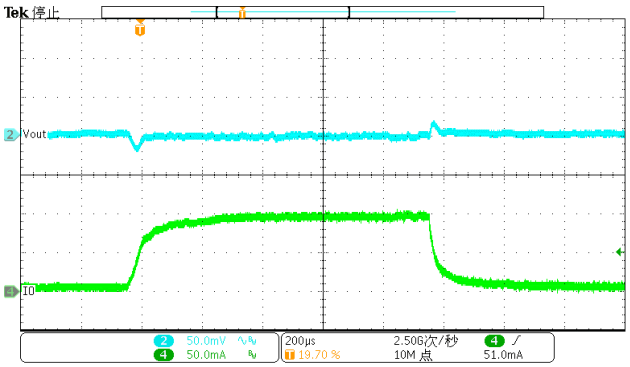

Tek 停止
PG
IO
800µs
1.25G次/秒
2.00 V
50.0mA

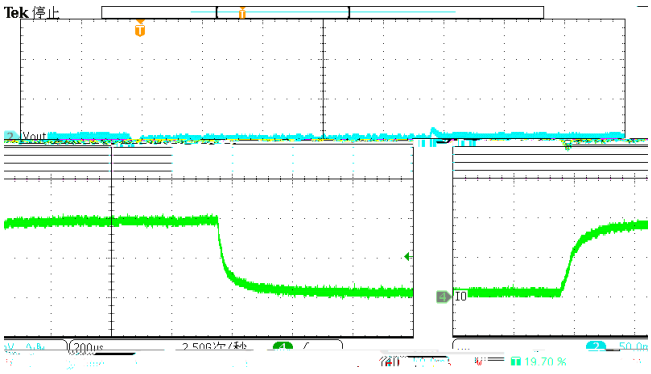

Tek 停止
Vout
IO

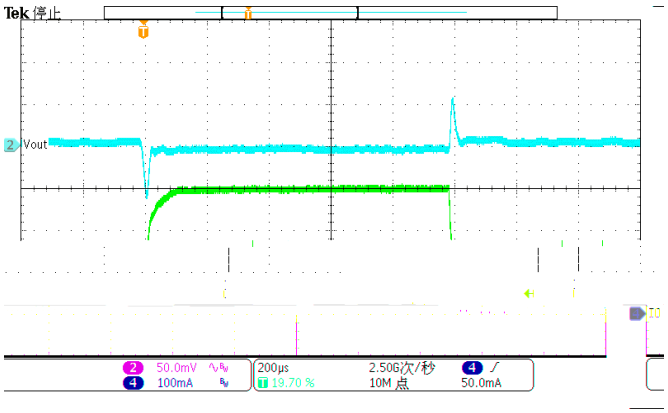

Tek 停止
Vout
IO
50.0mV
100mA
200µs
19.70 %
2.50G次/秒
10M 点
148mA

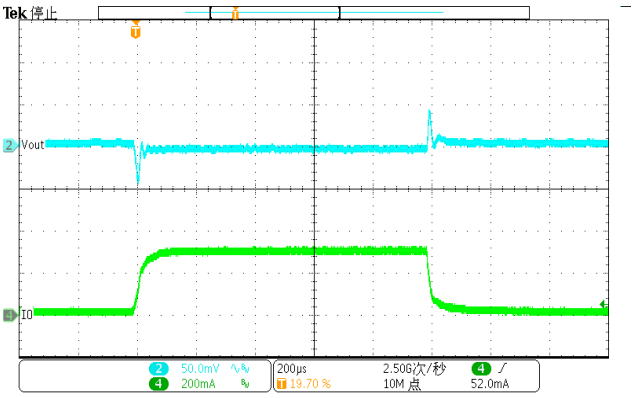

Tek 停止
IO
148mA
50.0mV
100mA
200µs
19.70 %

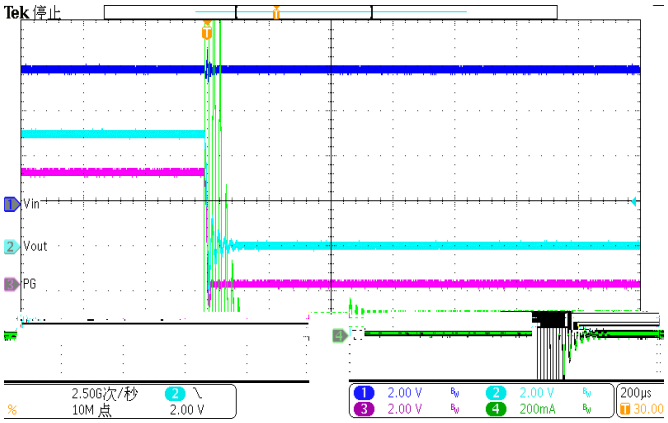

Tek 停止
Vout
IO
52.0mA
50.0mV
200mA
200µs
19.70 %

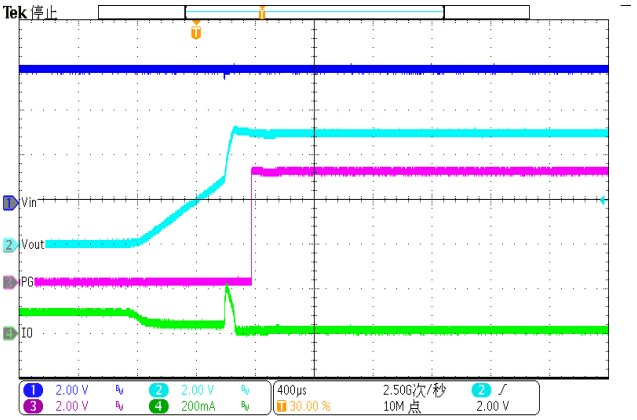

Tek 停止
Vout
IO
50.0mV
50.0mA
200µs
19.70 %
2.50G次/秒
10M 点
51.0mA

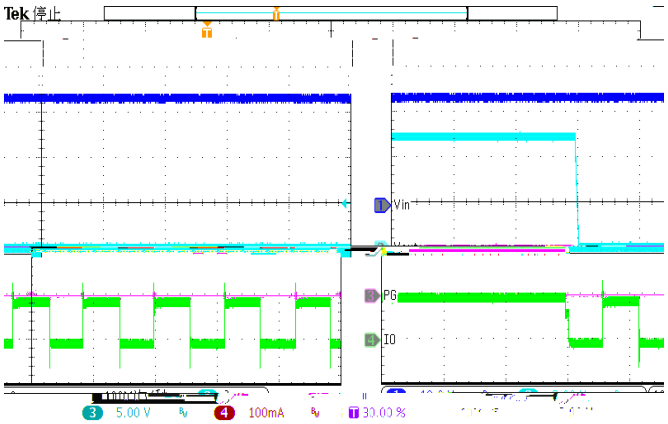

Tek 停止
Vout
IO
19.70 %

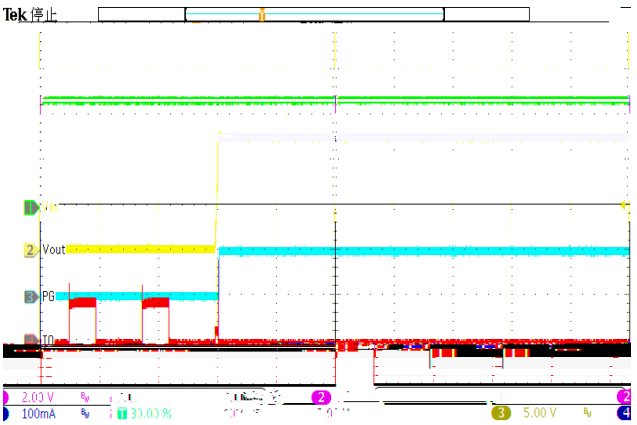

Tek 停止
Vout
IO
50.0mV
100mA
200µs
19.70 %
2.50G次/秒
10M 点
50.0mA


Tek 停止
Vout
IO
50.0mV
200mA
200µs
19.70 %
2.50G次/秒
10M 点
52.0mA


Tek 停止
Vin
Vout
PG
2.50G次/秒
10M 点
2.00 V
2.00 V
2.00 V
200mA
200µs


Tek 停止
Vin
Vout
PG
IO
2.00 V
2.00 V
2.00 V
200mA
400µs
30.00 %
2.50G次/秒
10M 点
2.00 V

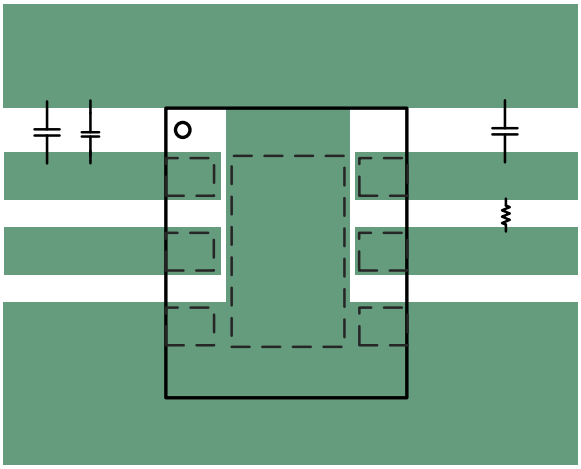

Tek 停止
Vin
PG
IO
5.00 V
100mA
30.00 %

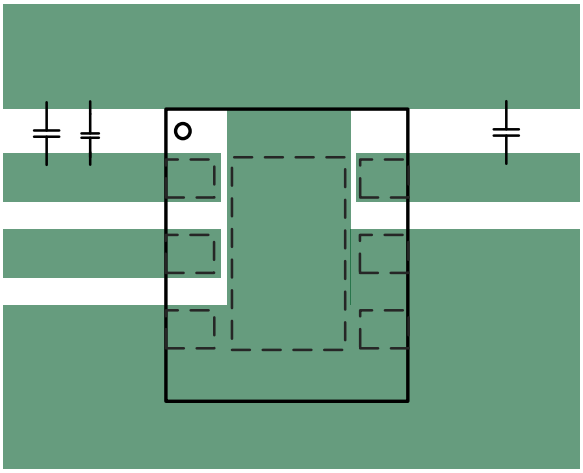

Tek 停止
Vin
Vout
PG
IO
2.00 V
100mA
30.00 %
5.00 V

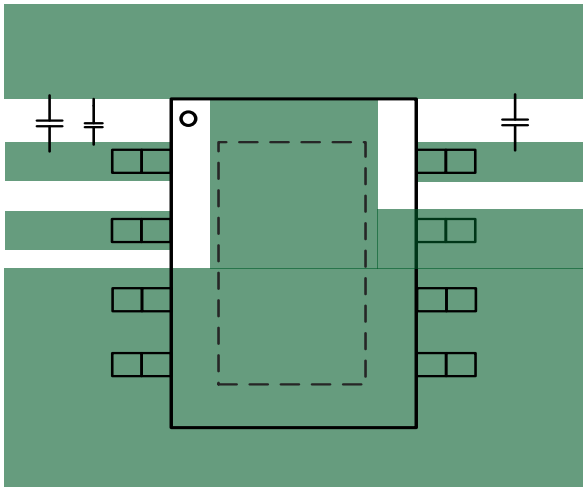
1.
2.

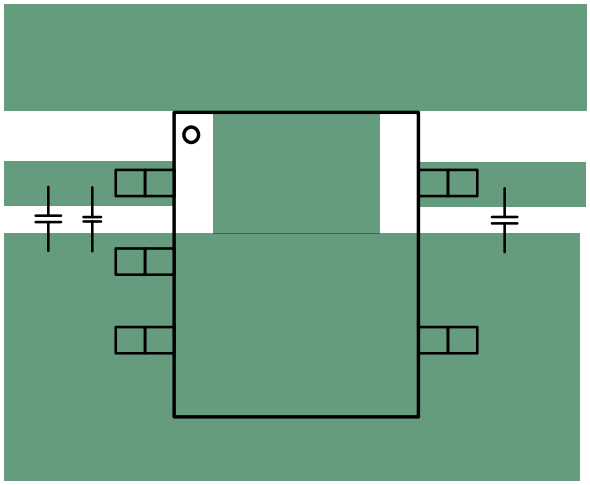
3.
4.

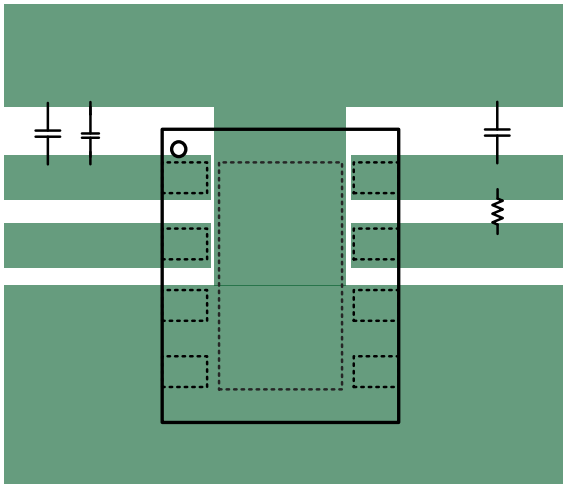
5.

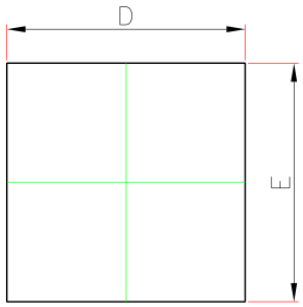




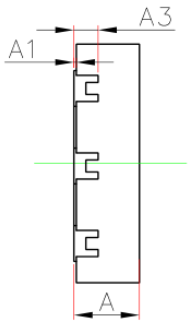




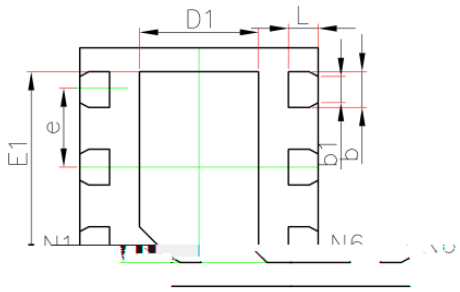




TOP VIEW

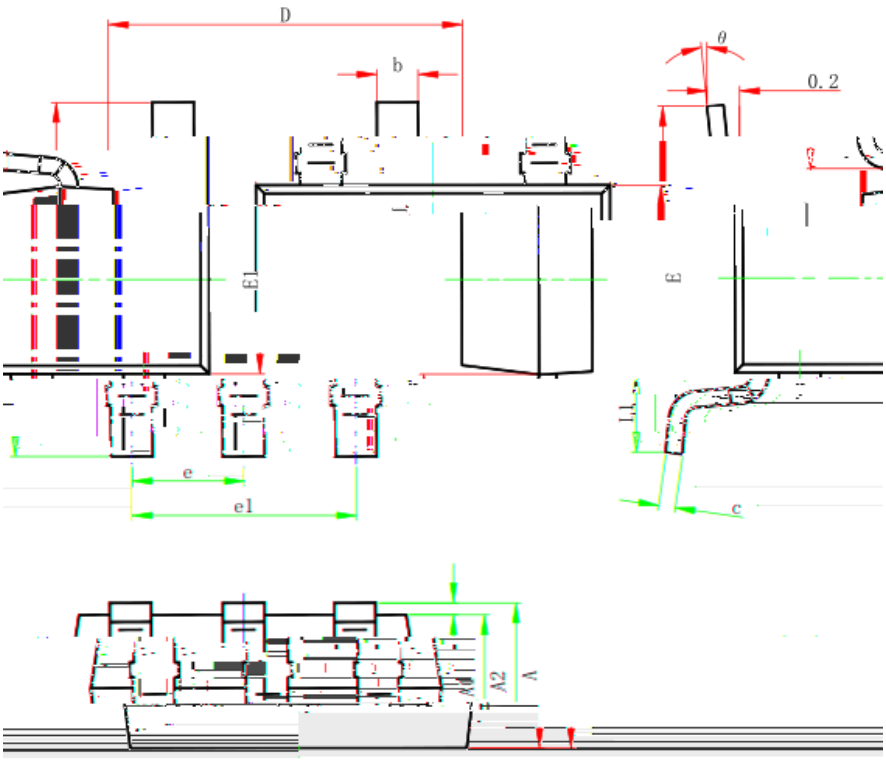


SIDE VIEW

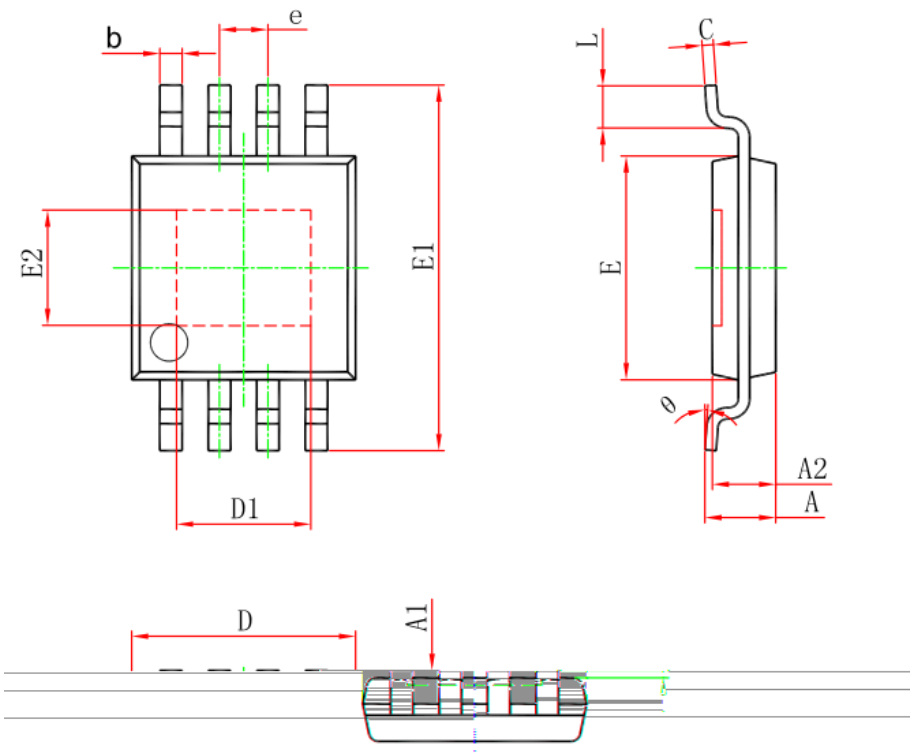


BOTTOM VIEW

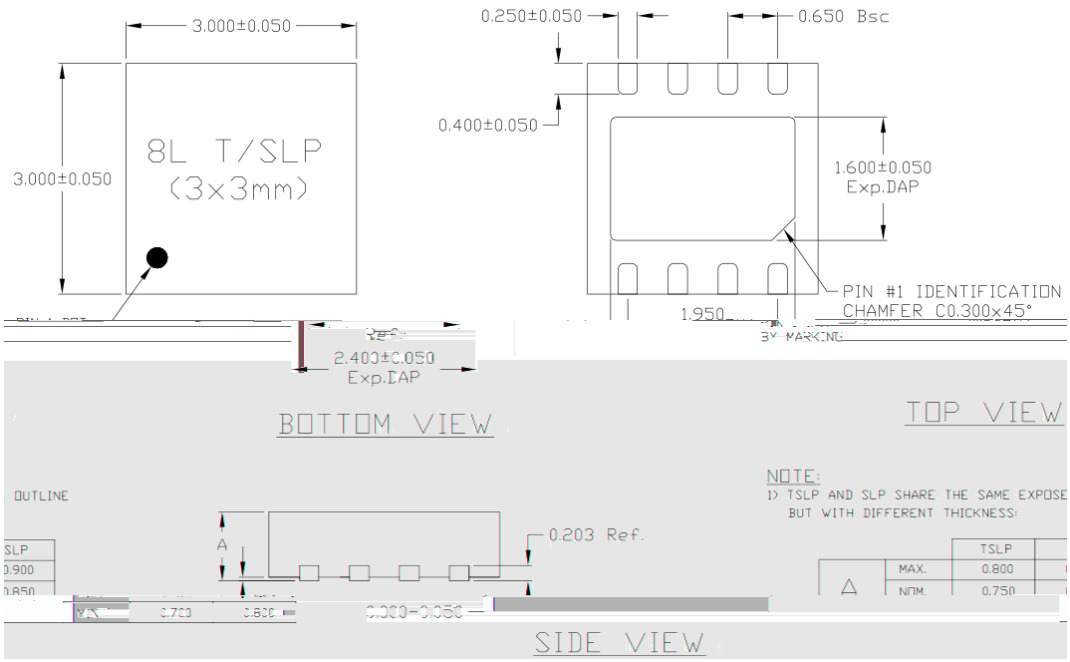
1.
2.
3.
4.
5.
6.



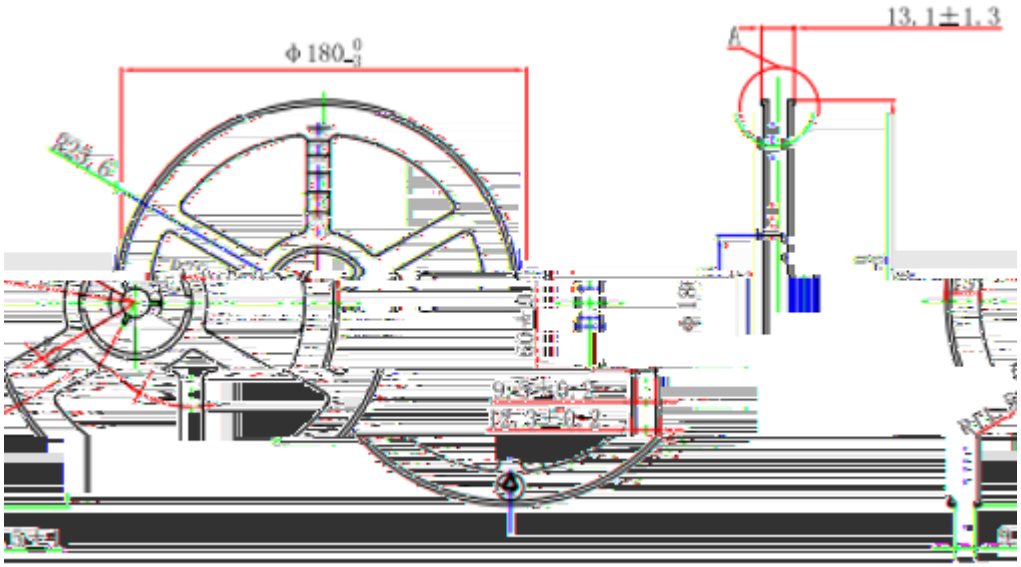
1.
2.
3.
4.
5.
6.

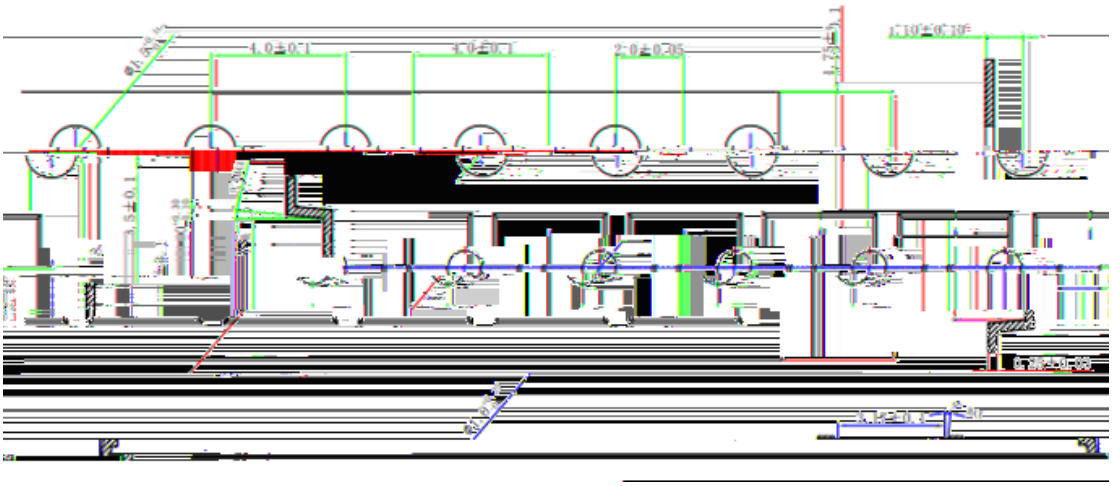


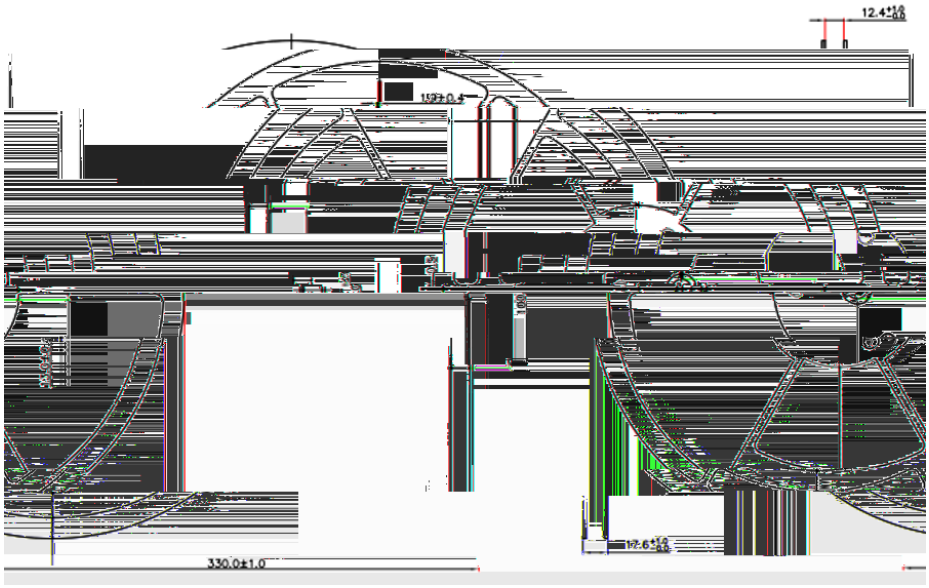
1.
2.
3.
4.
5.
6.

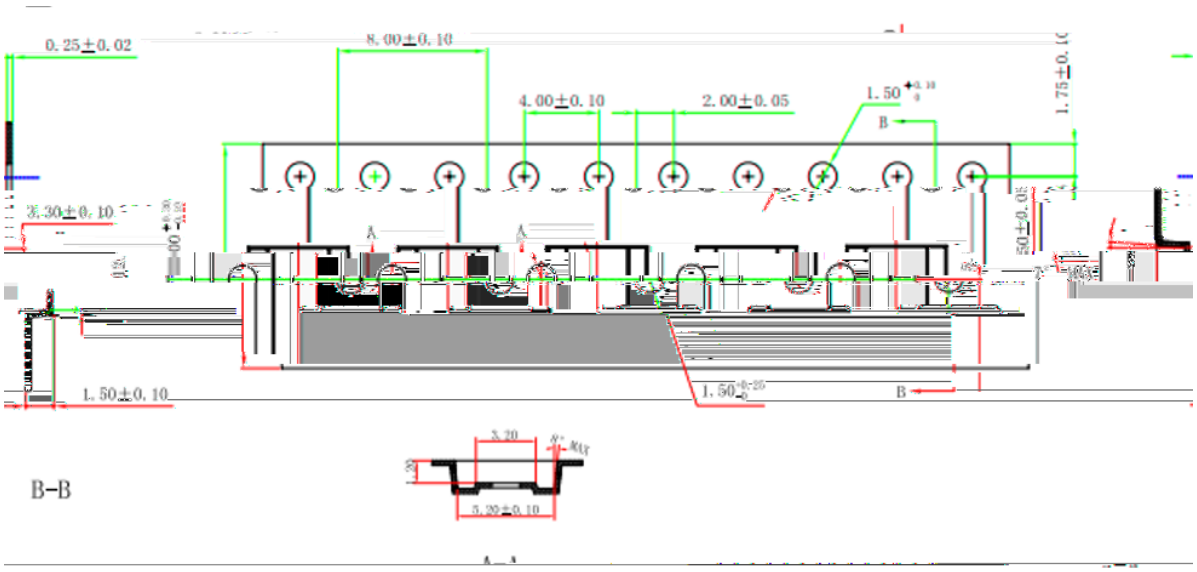

3.000±0.050
3.000±0.050
8L T/SLP
(3x3mm)
0.250±0.050
0.650 Bsc
0.400±0.050
1.600±0.050
Exp.DAP
PIN #1 IDENTIFICATION
CHAMFER C0.300x45°
1.950
2.400±0.050
Exp.DAP
BOTTOM VIEW
TOP VIEW
NOTE:
1) TSLP AND SLP SHARE THE SAME EXPOSE
BUT WITH DIFFERENT THICKNESS:
OUTLINE
A
0.203 Ref.
TSLP
MAX. 0.800
NOM. 0.750
SIDE VIEW

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


13.1±1.3
A
φ180


4.0±0.1
4.0±0.1
2.0±0.05


330.0±1.0


0.25±0.02
8.00±0.10
4.00±0.10
2.00±0.05
1.50
B
1.75±0.10
3.30±0.10
A
A
1.50±0.10
1.50
B
B-B
5.20
5.20±0.10