Release to production.
Update the ELECTRICAL CHARACTERISTICS.

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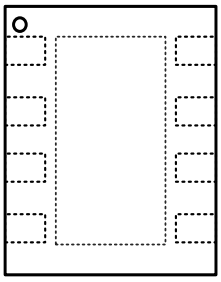
				8	Tape & Reel, 5000



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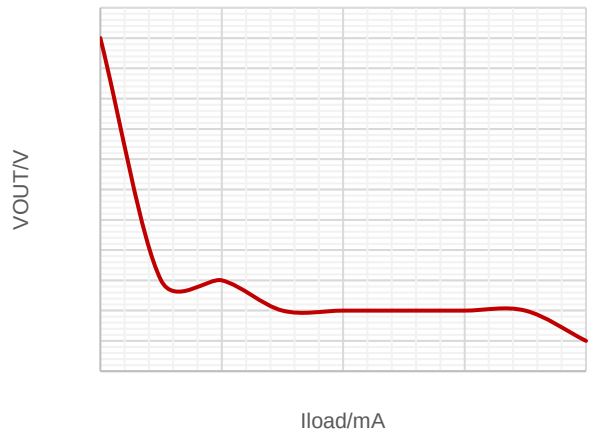
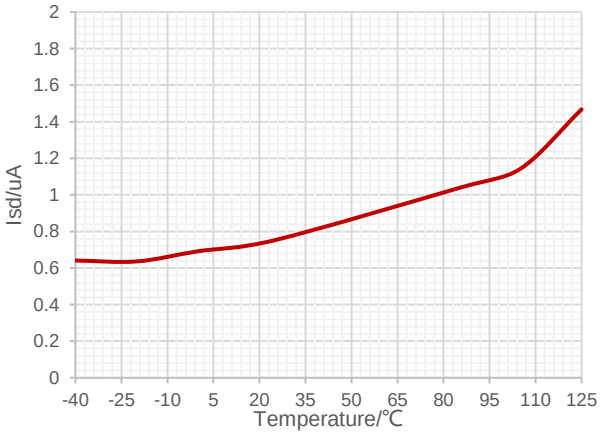
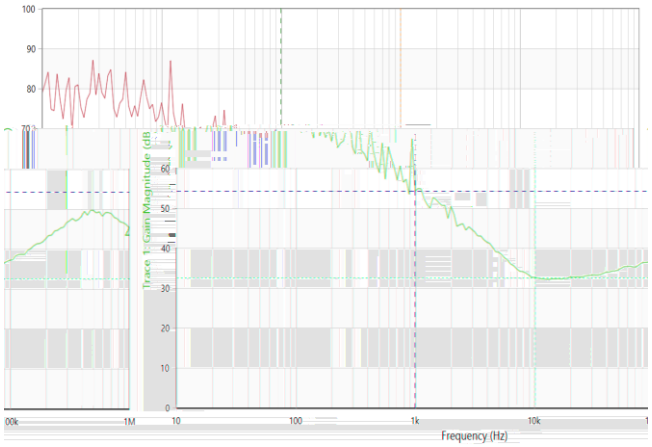
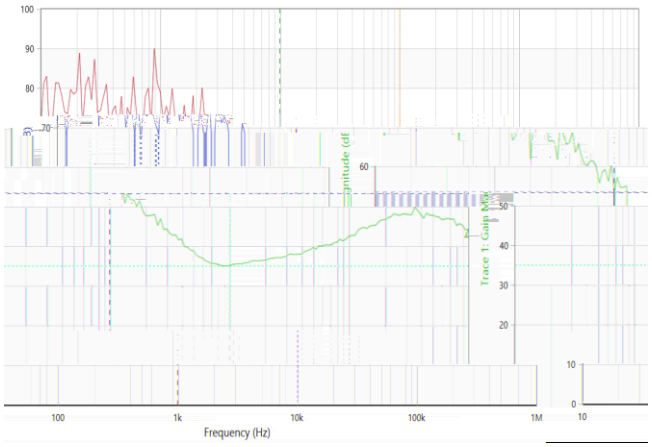

VOUT/V
Iload/mA

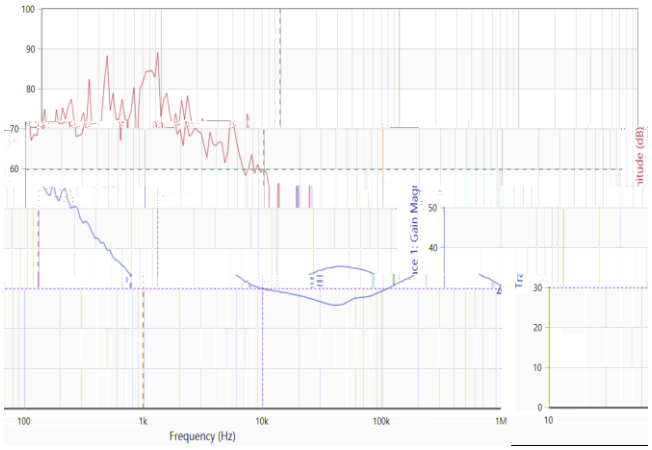

Isd/uA
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-40 -25 -10 5 20 35 50 65 80 95 110 125
Temperature/℃

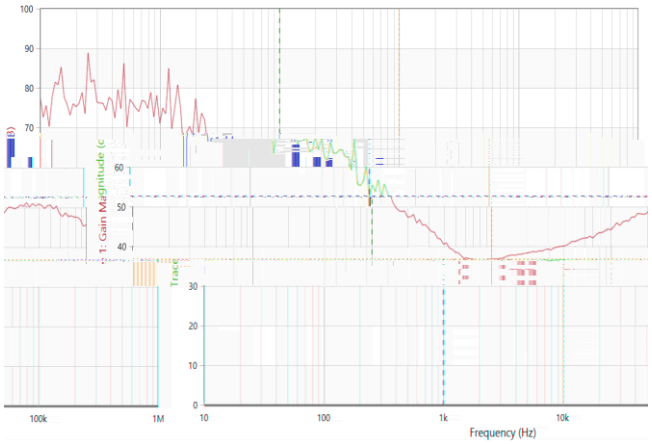
Current Limit/mA
Temperature/℃

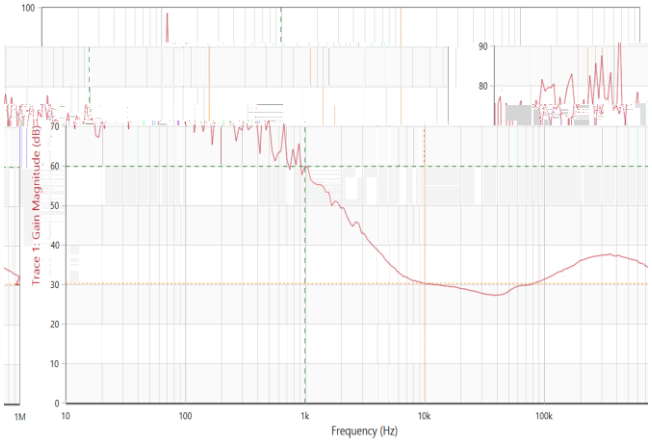
Current Limit/mA
Temperature/℃

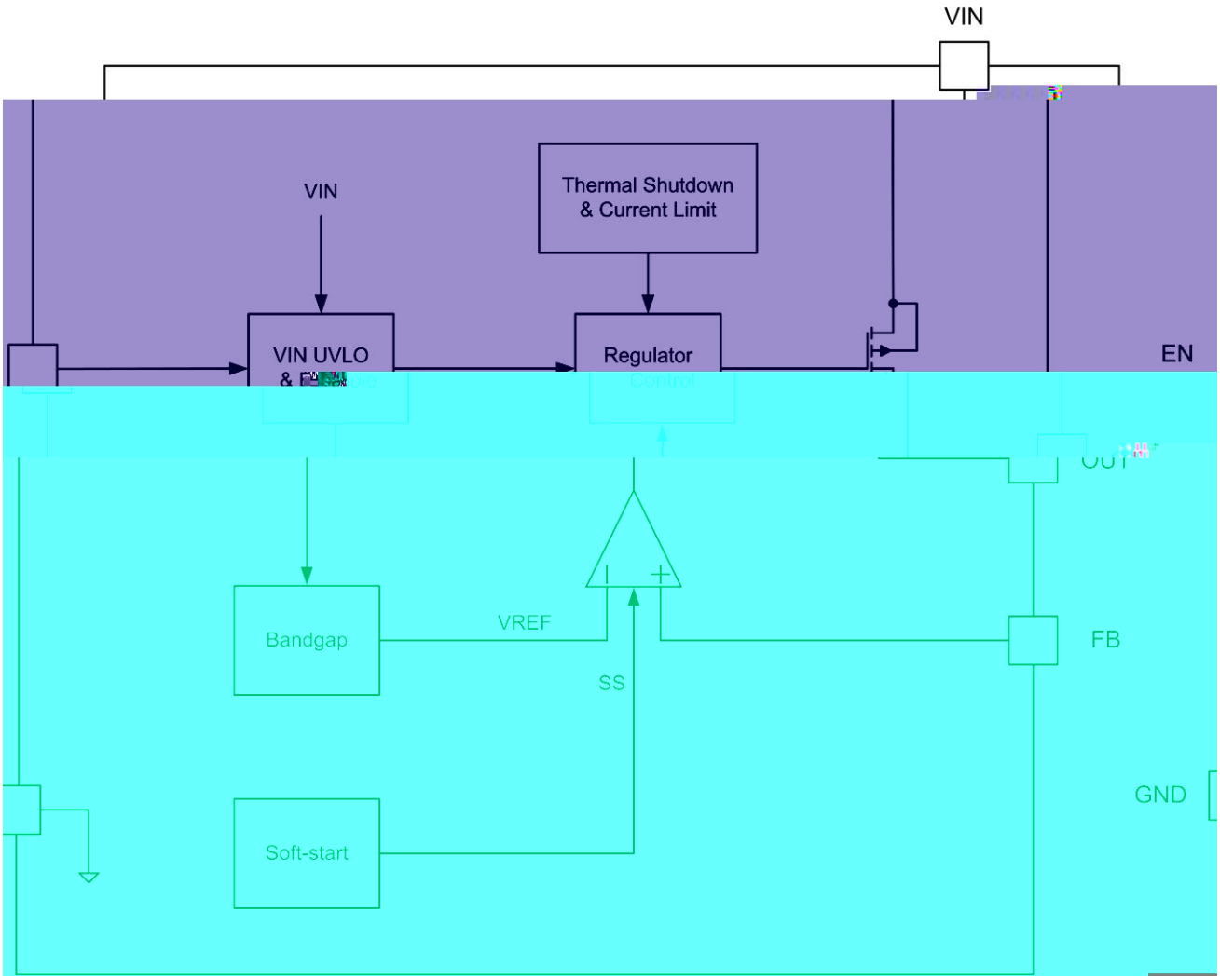

Trace 1: Gain Magnitude (dB
Frequency (Hz)


Frequency (Hz)


Frequency (Hz)


Frequency (Hz)


Trace 1: Gain Magnitude (dB)
Frequency (Hz)


VIN
VIN
Thermal Shutdown
& Current Limit
VIN UVLO
Regulator
EN
Control
Bandgap
VREF
FB
SS
GND
Soft-start

& %&

The SCT71402 series products provide adjustable output version which can adjust the output voltage from 1.215V to 25V

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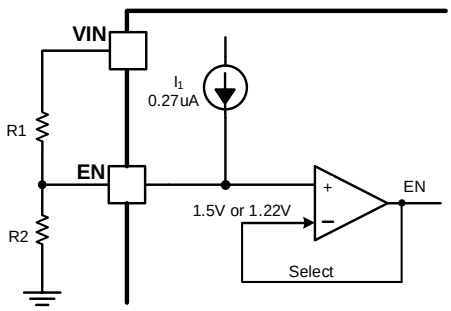

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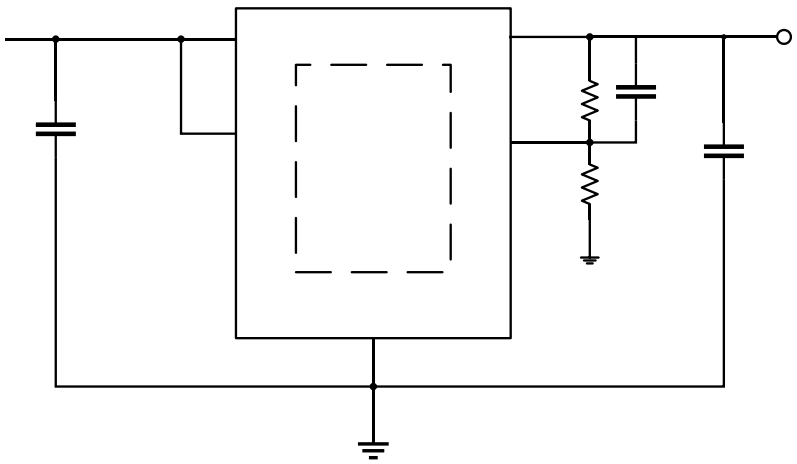

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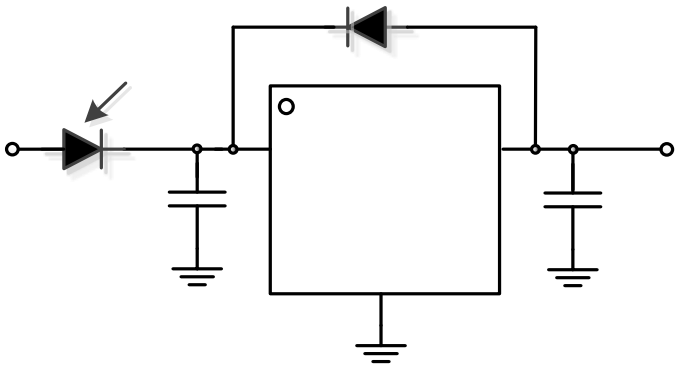

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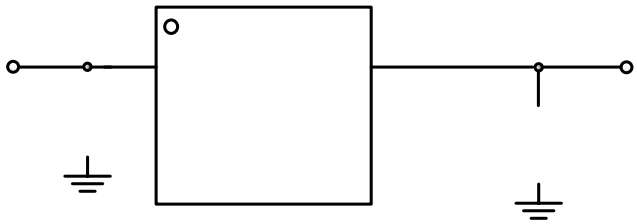

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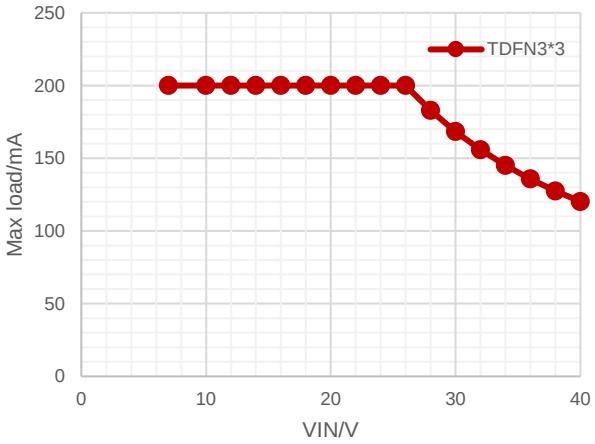
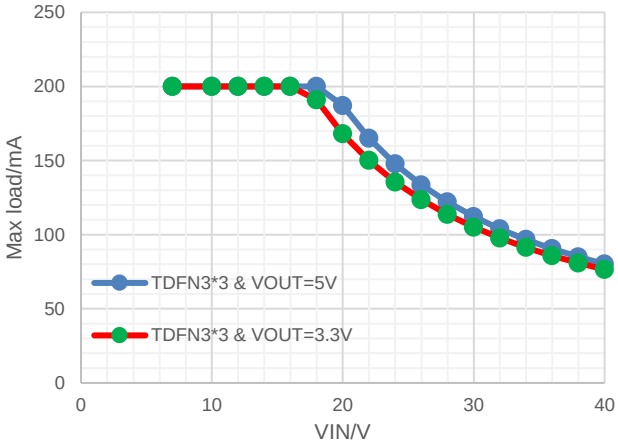
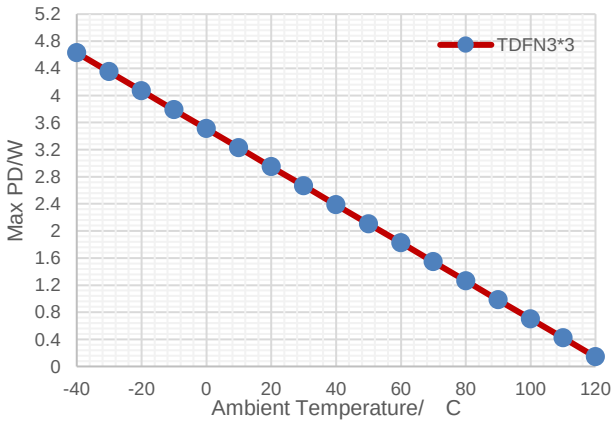

250
200
150
100
50
0
Max load/mA
0
10
20
30
40
VIN/V
TDFN3*3

(


250
200
150
100
50
0
Max load/mA
0
10
20
30
40
VIN/V
TDFN3*3 & VOUT=5V
TDFN3*3 & VOUT=3.3V

(℃


5.2
4.8
4.4
4
3.6
3.2
2.8
2.4
2
1.6
1.2
0.8
0.4
0
Max PD/W
-40
-20
0
20
40
60
80
100
120
Ambient Temperature/ C
TDFN3*3

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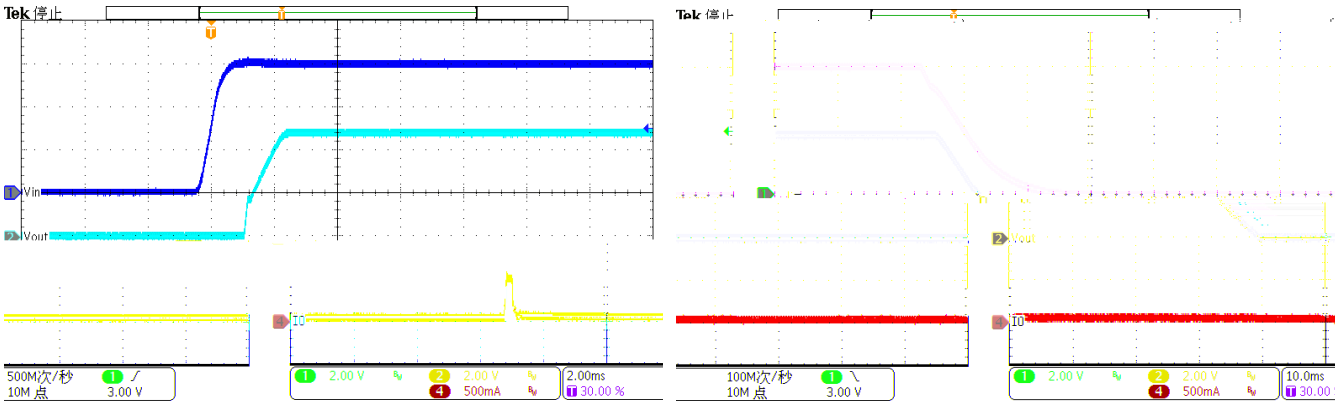
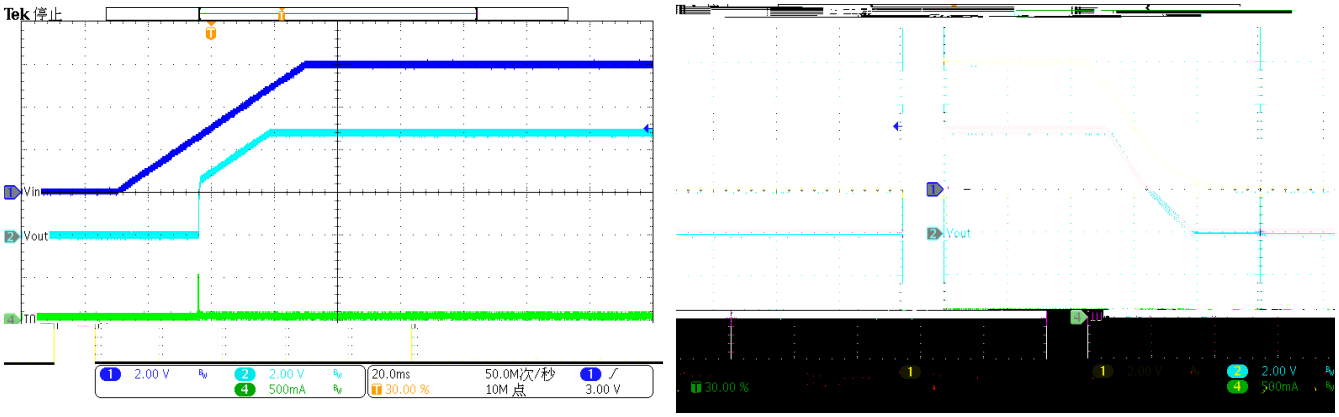
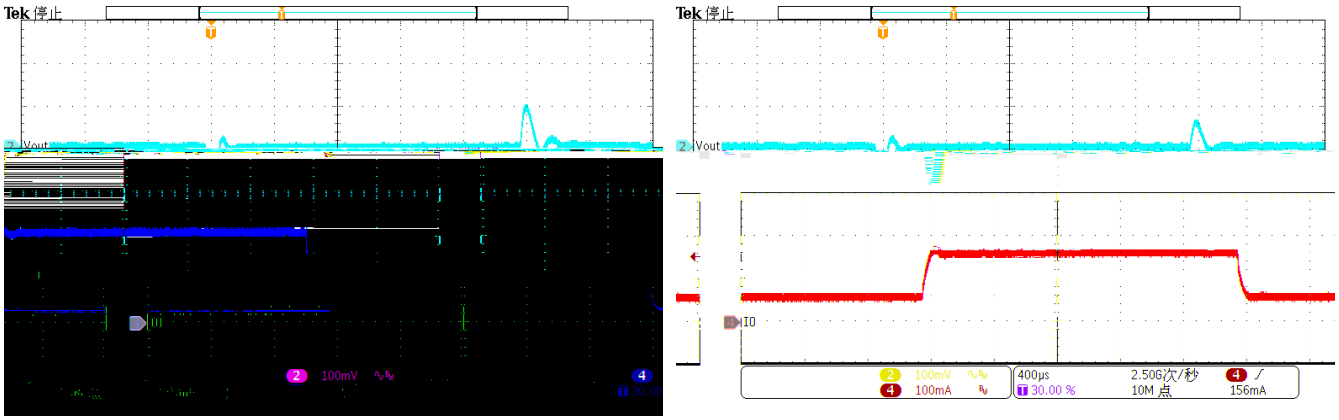
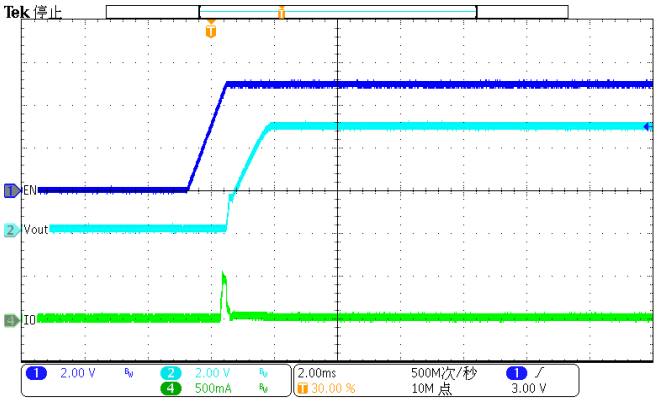
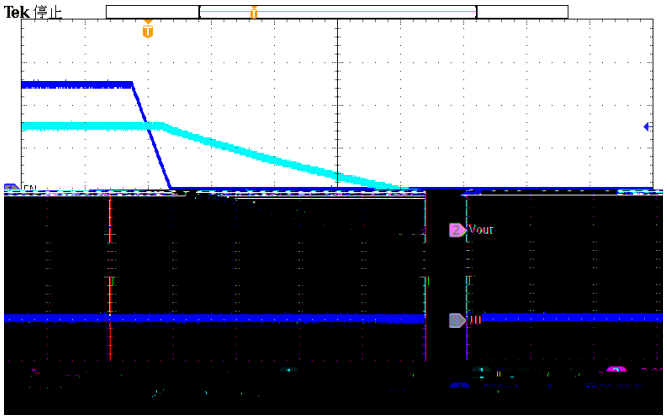
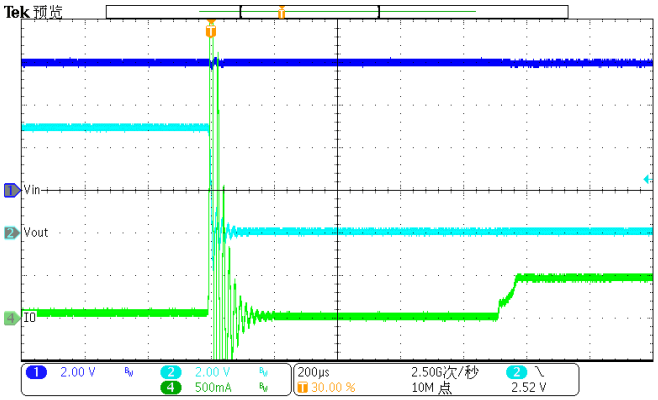

Tek 停止
Vin
Vout
IO
500M次/秒
10M 点
3.00 V
2.00 V
500mA
2.00ms
30.00 %
100M次/秒
10.0ms

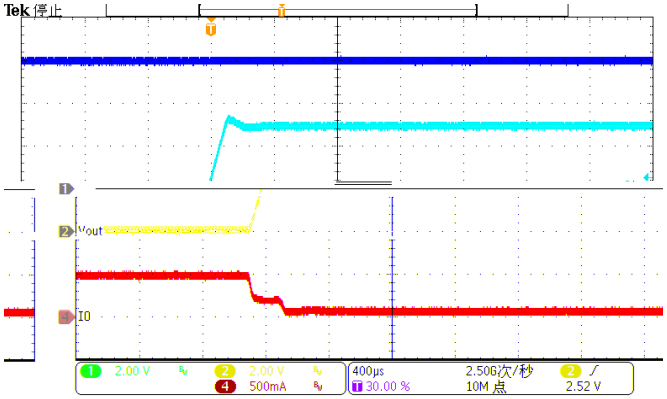

Tek 停止
Vin
Vout
In
20.0ms
50.0M次/秒
10M 点
3.00 V
30.00 %

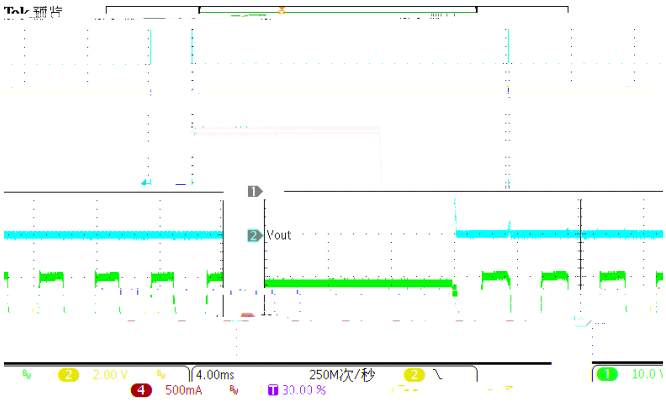

Tek 停止
Vout
100mV
IO
100mA
400µs
2.50G次/秒
156mA

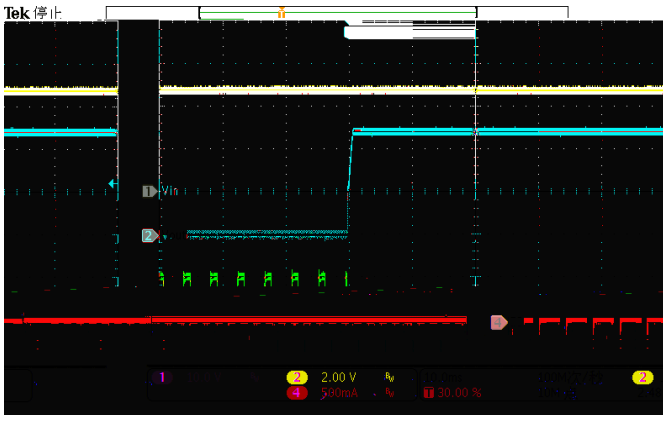

Tek 停止
EN
Vout
IO
2.00 V
2.00 V
500mA
2.00ms
30.00 %
500M次/秒
10M 点
3.00 V


Tek 停止
Vout


Tek 预览
Vin
Vout
IO
2.00 V
2.00 V
500mA
200µs
30.00 %
2.50G次/秒
10M 点
2.52 V


Tek 停止
Vout
IO
2.00 V
2.00 V
500mA
400µs
30.00 %
2.50G次/秒
10M 点
2.52 V


Vout
2.00 V
500mA
4.00ms
30.00 %
250M次/秒
10.0 V

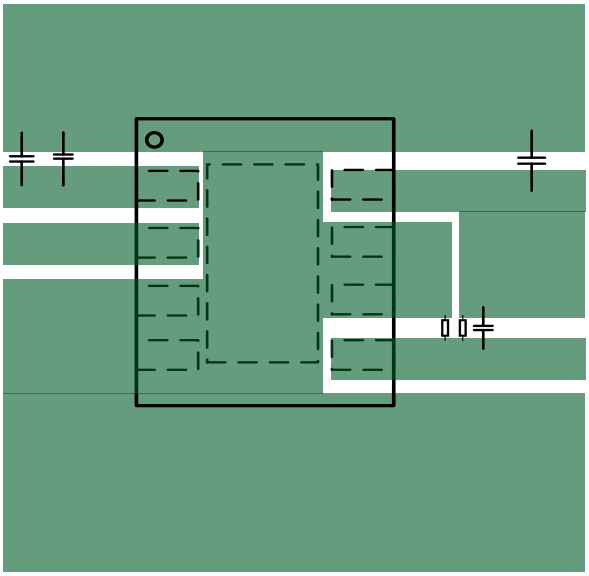

Tek 停止
Vin
2.00 V
500mA
30.00 %

1.
2.

%

3.
4.

5.



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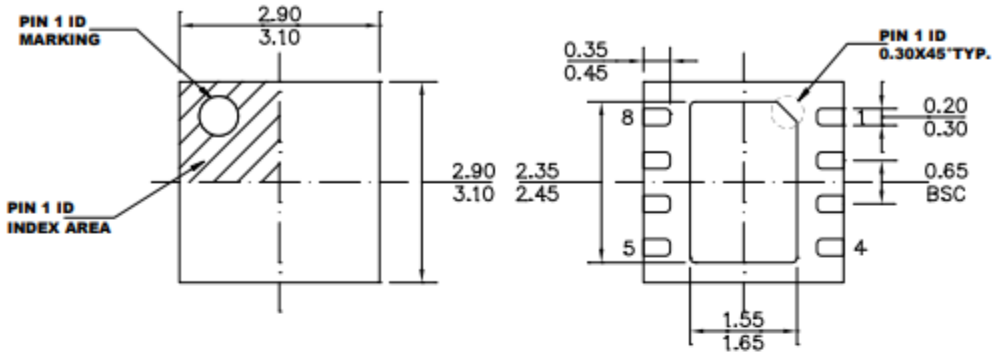
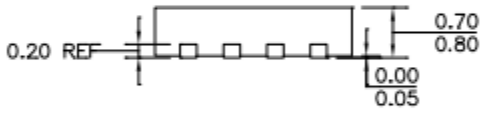
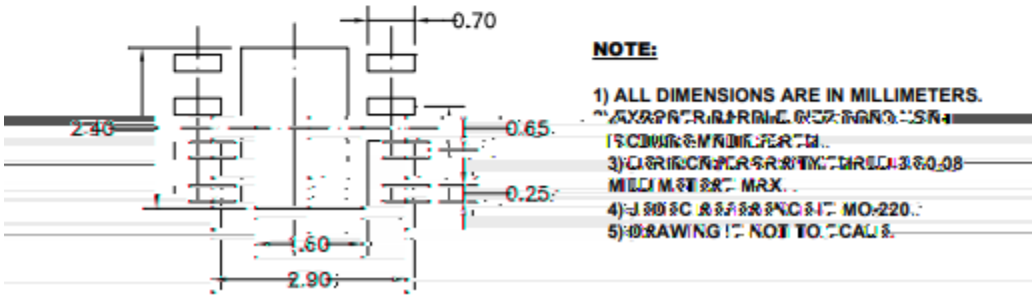


TOP VIEW **BOTTOM VIEW**



SIDE VIEW



RECOMMENDED LAND PATTERN

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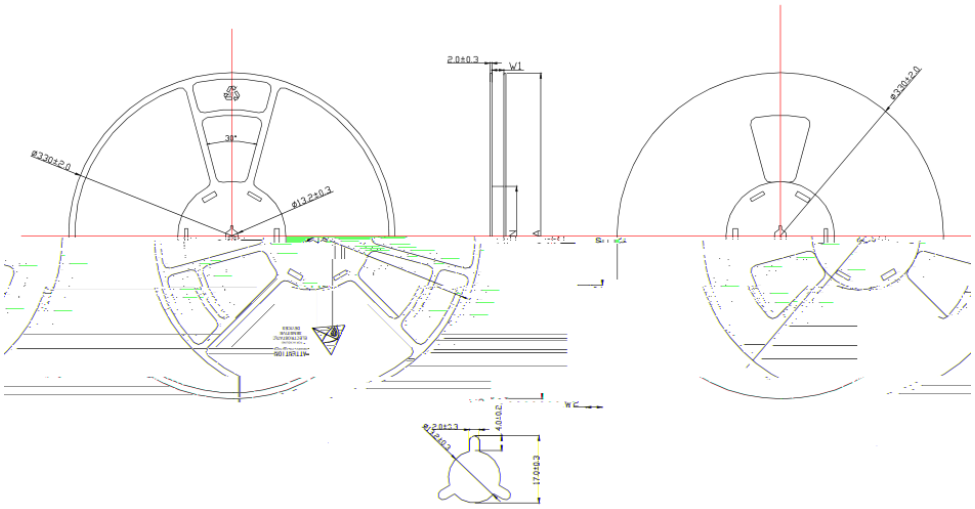

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