5.5V-100V Vin, 4A Peak Current Limit, High Efficiency Asynchronous Step-down DCDC Converter

FEATURES

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REVISION HISTORY

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DEVICE ORDER INFORMATION

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ABSOLUTE MAXIMUM RATINGS

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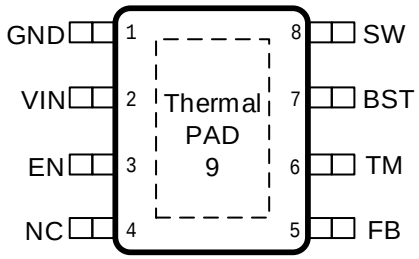
PIN CONFIGURATION



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RECOMMENDED OPERATING CONDITIONS

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ESD RATINGS

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THERMAL INFORMATION

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ELECTRICAL CHARACTERISTICS

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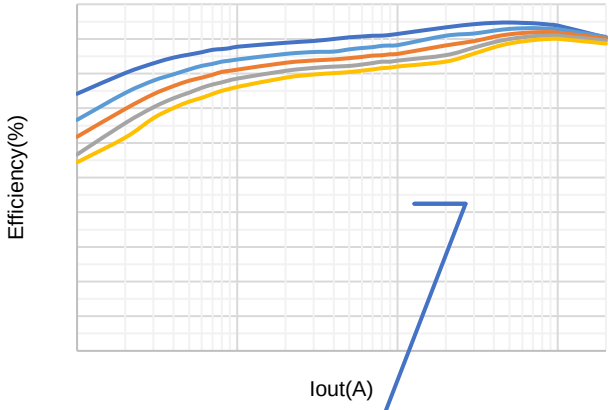
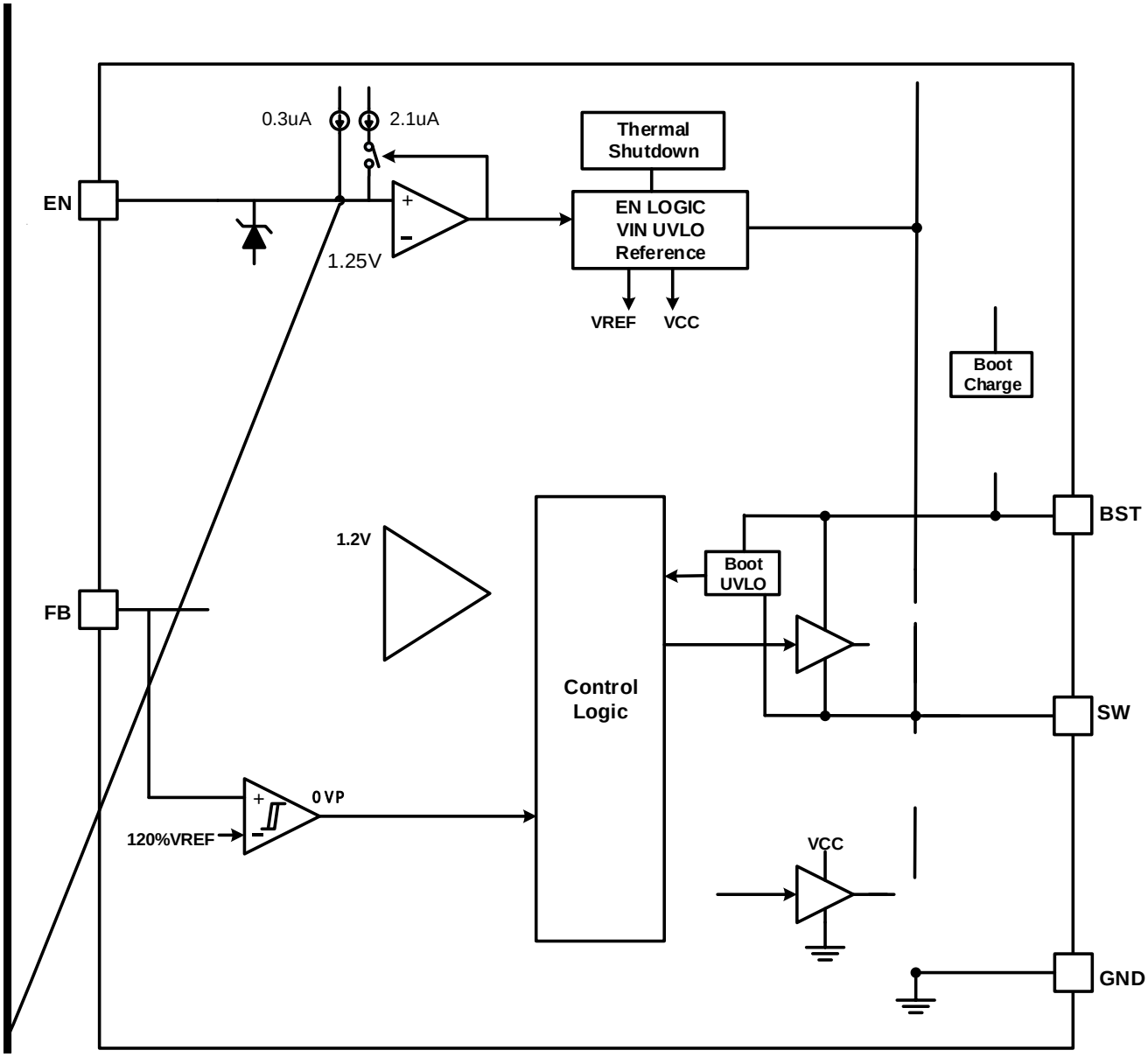
TYPICAL CHARACTERISTICS



FUNCTIONAL BLOCK DIAGRAM



OPERATION

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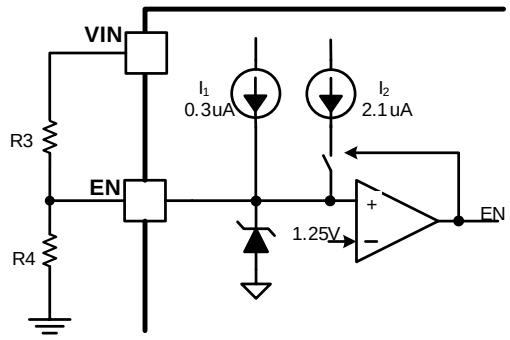

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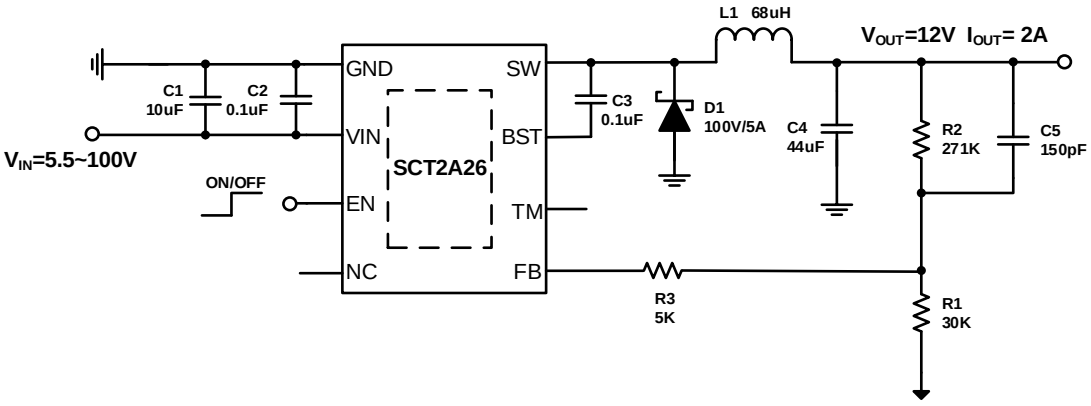
APPLICATION INFORMATION



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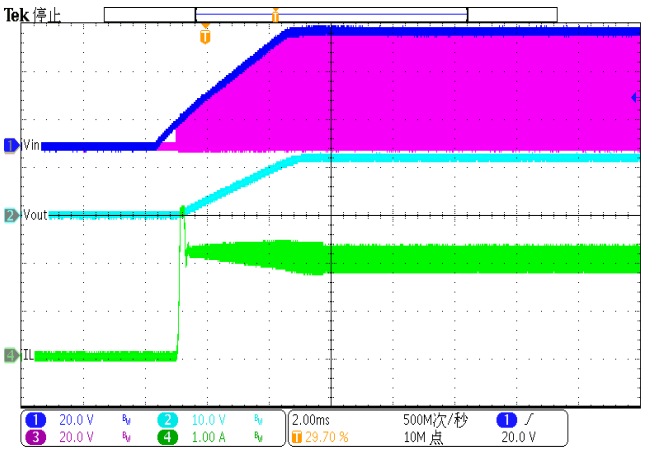
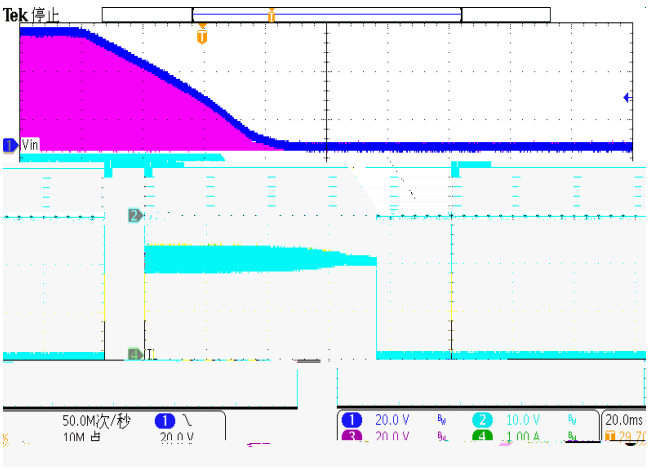
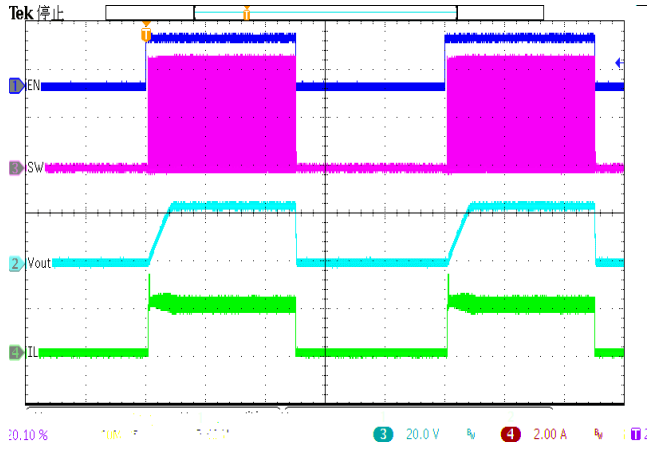
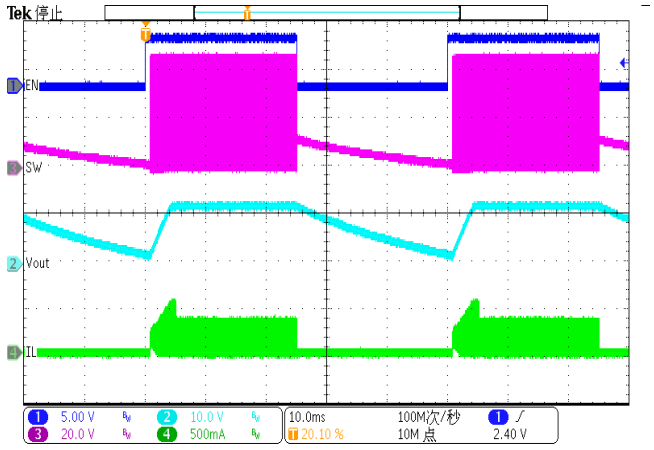
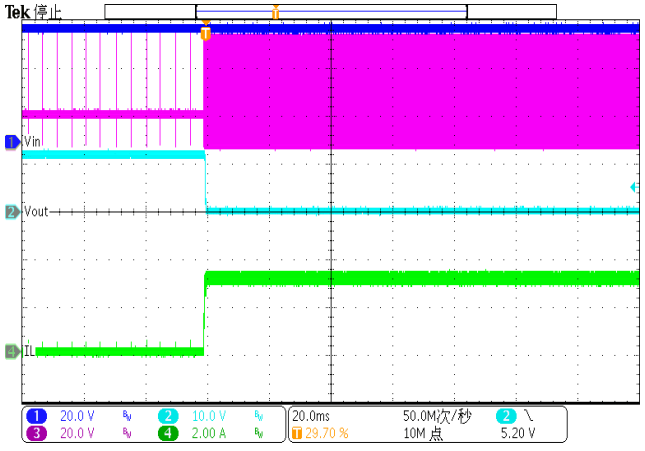
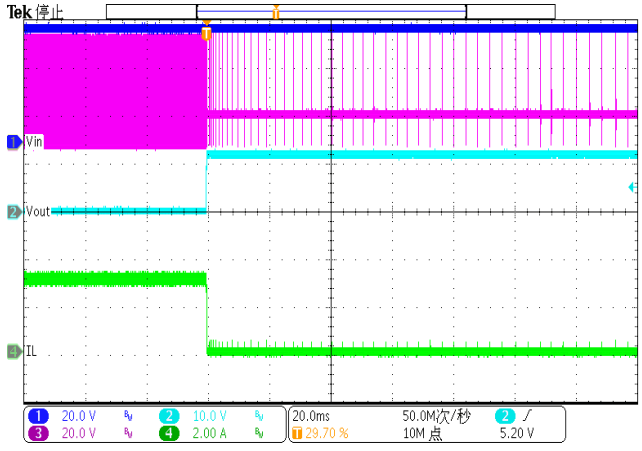

Tek 停止
Vin
Vout
IL
20.0 V
10.0 V
2.00ms
500M次/秒
10M 点
20.0 V
1.00 A
29.70 %


Tek 停止
Vin
IL
50.0M次/秒
10M 点
20.0 V
20.0ms


Tek 停止
EN
SW
Vout
IL
20.0 V
2.00 A


Tek 停止
EN
SW
Vout
IL
5.00 V
20.0 V
10.0 V
500mA
10.0ms
20.10 %
100M次/秒
10M 点
2.40 V


Tek 停止
Vin
Vout
IL
20.0 V
10.0 V
2.00 A
20.0ms
29.70 %
50.0M次/秒
10M 点
5.20 V


Tek 停止
Vin
Vout
IL
20.0 V
10.0 V
2.00 A
20.0ms
29.70 %
50.0M次/秒
10M 点
5.20 V

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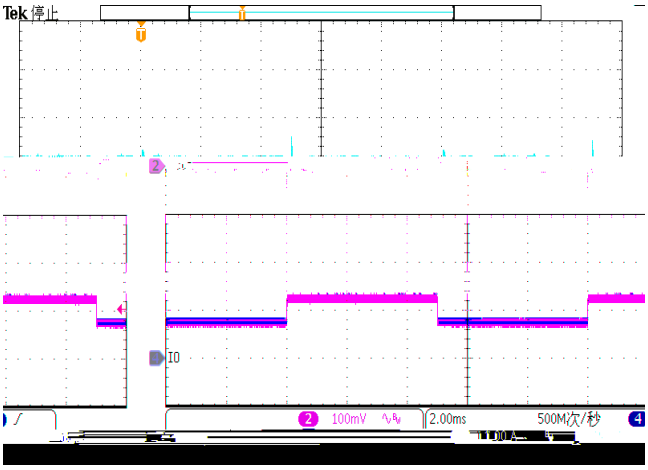
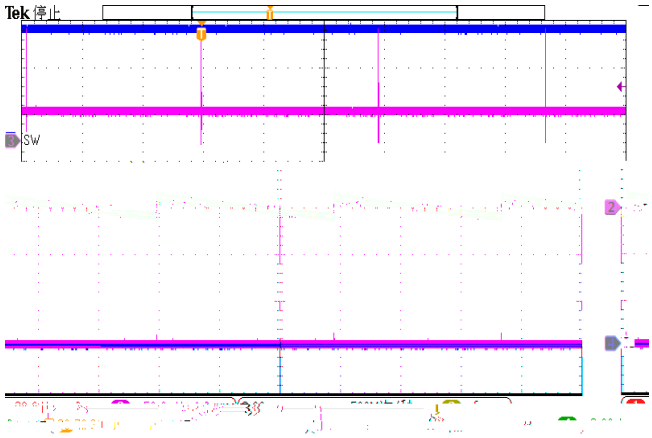
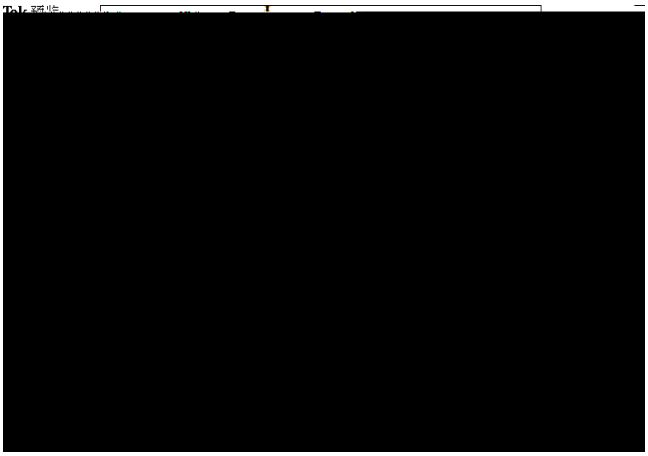
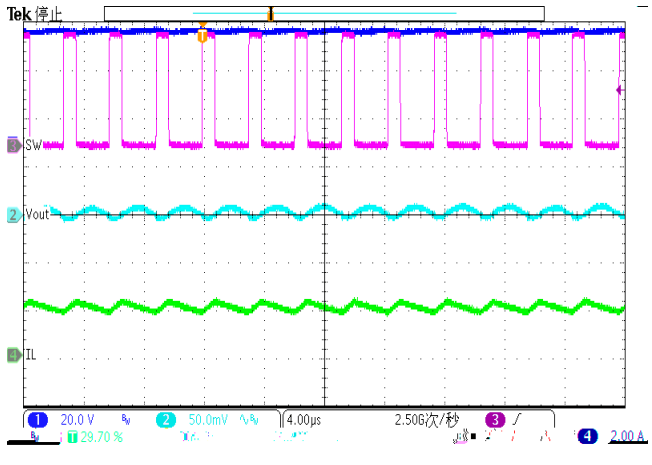

Tek 停止
IO
100mV
2.00ms
500M次/秒


Tek 停止
SW




Tek 停止
SW
Vout
IL
20.0 V
50.0mV
4.00µs
2.50G次/秒
29.70 %
2.00 A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PACKAGE INFORMATION

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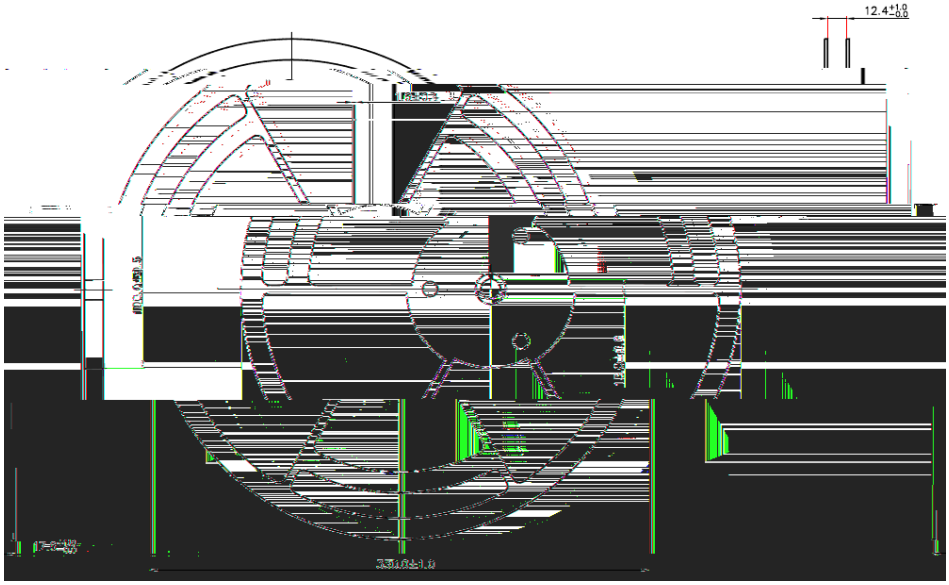
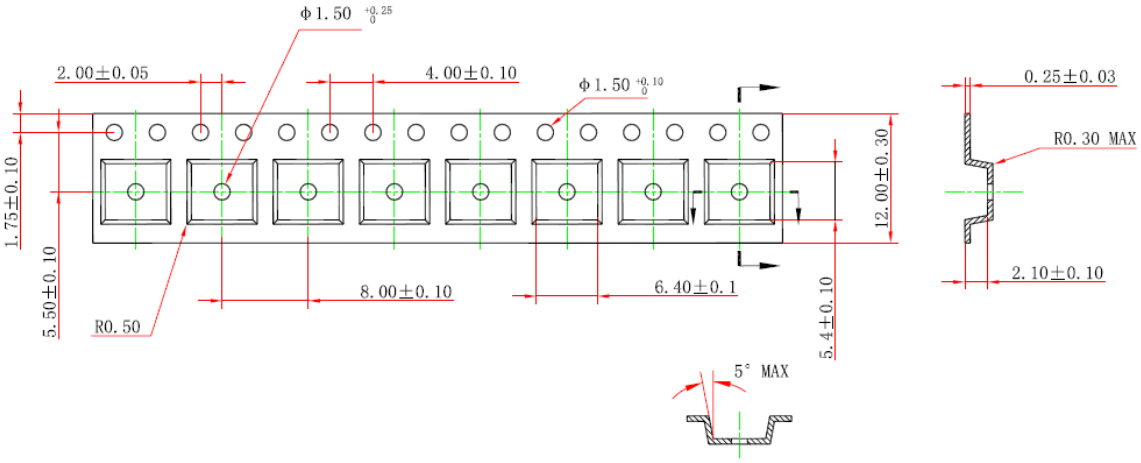
TAPE AND REEL INFORMATION





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