

/ Descriptions

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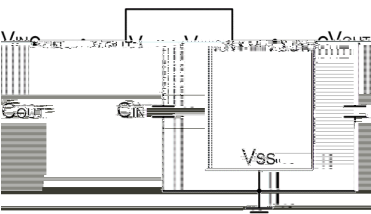
/ Features

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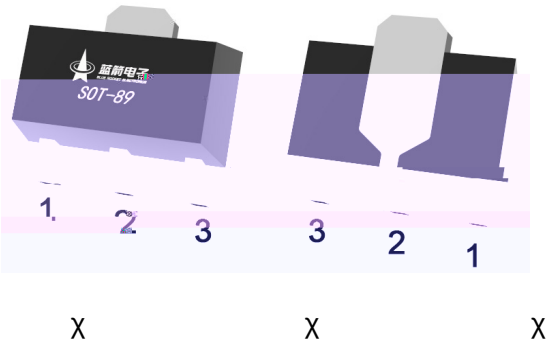
/ Applications

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/ Equivalent Circuit



/ Pinning



/ Marking

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/ Absolute Maximum Ratings(Ta=25)

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/ Electrical Characteristics($T_A=25$, $V_{IN}=V_{OUT}+1V$, $C_{IN}=C_{OUT}=1\mu F$, unless otherwise specified)

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/ Electrical Characteristics($T_A=25^{\circ}\text{C}$, $V_{IN}=V_{OUT}+1\text{V}$, $C_{IN}=C_{OUT}=1\mu\text{F}$, unless otherwise specified)

V_{IN}	V_{OUT}	I_{OUT}	η	f_{SW}	V_{DS}	T_{J}
5V	3.3V	0.5A				
5V	3.3V	1.0A				
5V	3.3V	1.5A				

1. Load Regulation: $V_{IN}=5\text{V}$, $V_{OUT}=3.3\text{V}$, I_{OUT} from 0.5A to 1.5A, $\Delta V_{OUT} \leq 1\text{mV}$

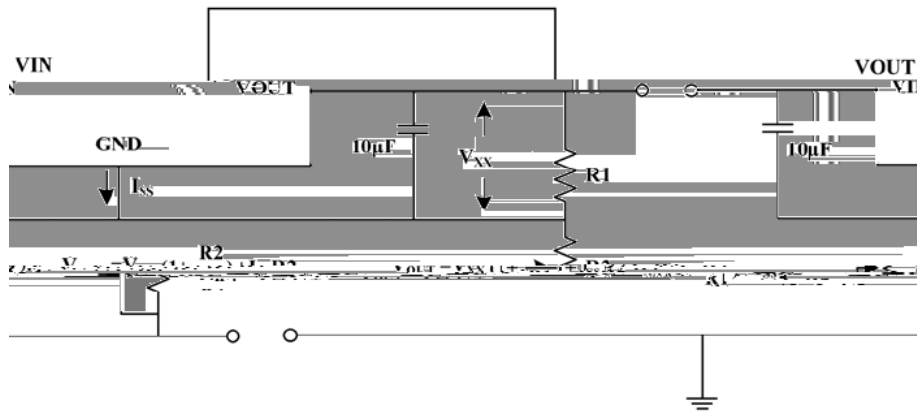
2. Line Regulation: V_{IN} from 4.5V to 5.5V, $V_{OUT}=3.3\text{V}$, $I_{OUT}=1.0\text{A}$, $\Delta V_{OUT} \leq 1\text{mV}$

3. Quiescent Current: $V_{IN}=5\text{V}$, $V_{OUT}=3.3\text{V}$, $I_{OUT}=0\text{A}$, $I_{Q} \leq 10\mu\text{A}$

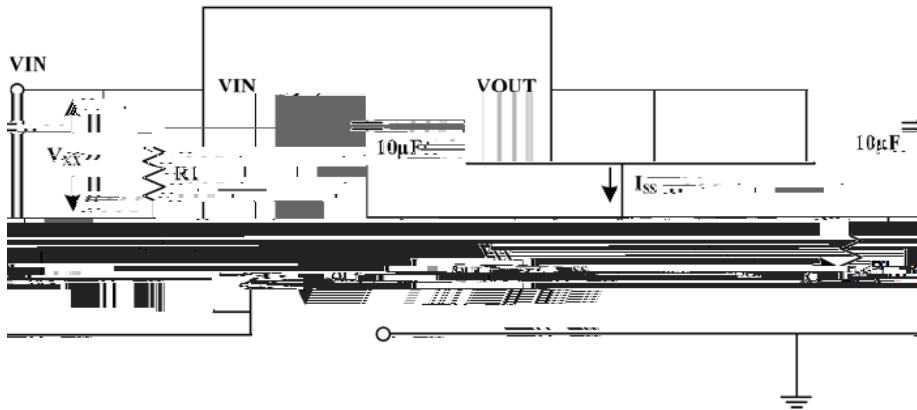
BRCO7350HT

/ Typical Application Circuit

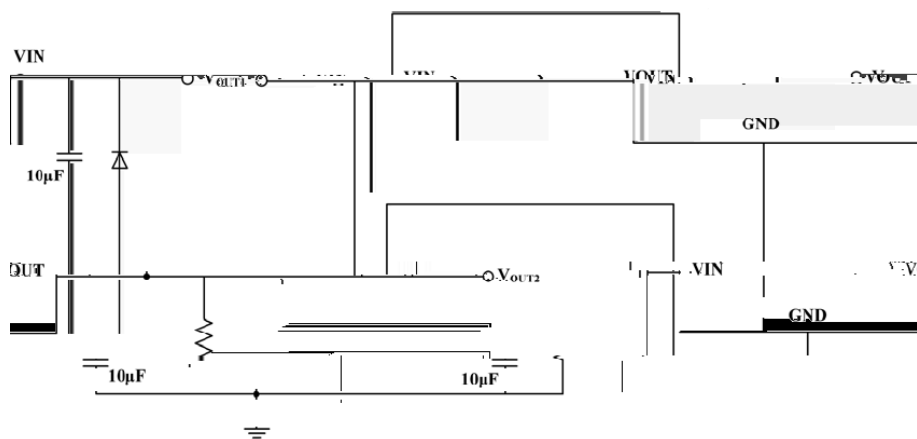
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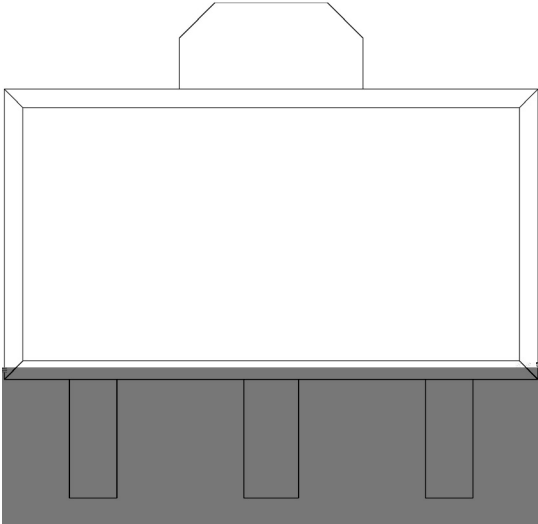


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BRCO7350HT

/ Marking Instructions



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() / Temperature Profile for IR Reflow Soldering(Pb-Free)

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/ Resistance to Soldering Heat Test Conditions

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/ **Packaging SPEC.**

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