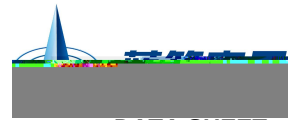


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DATA SHEET

TO-92

Precision adjustable shunt regulator in a TO-92 Plastic Package.

2.495V;
 $V_O = V$

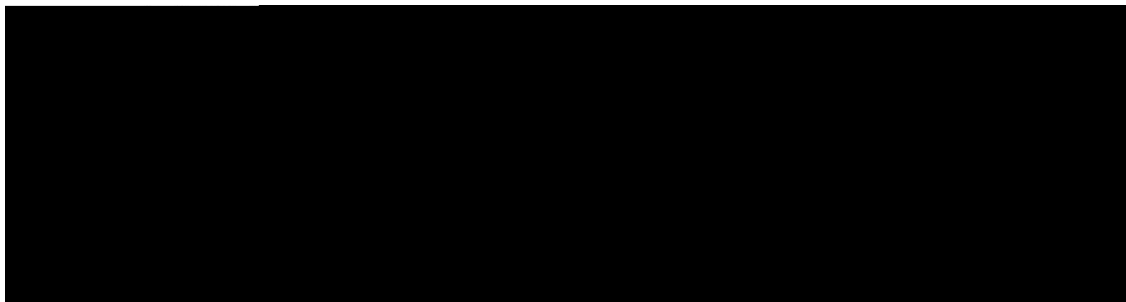
0.5%, 1% 2%;

1.0mA 100mA; ;

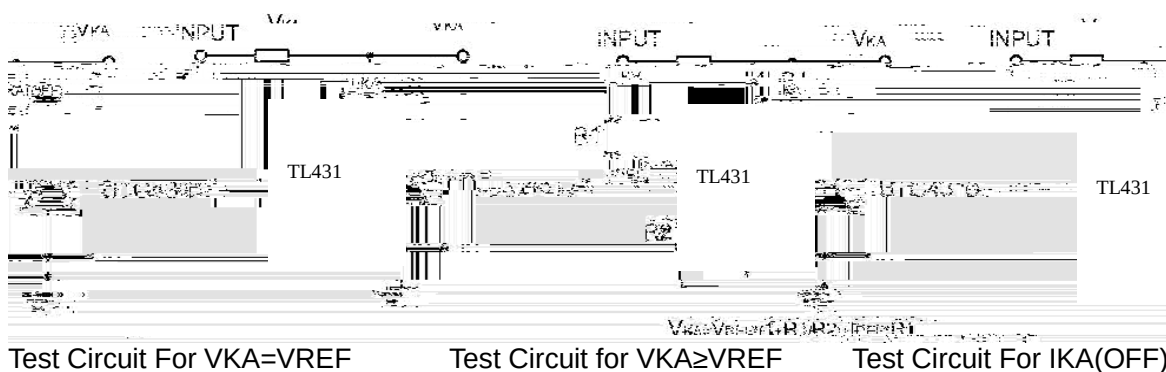
Parameter	Q Symbol	
Cathode to Anode Voltage	V_{KA}	
Cathode Current nge, Continuous	7	

& Test circuits&Typical Application

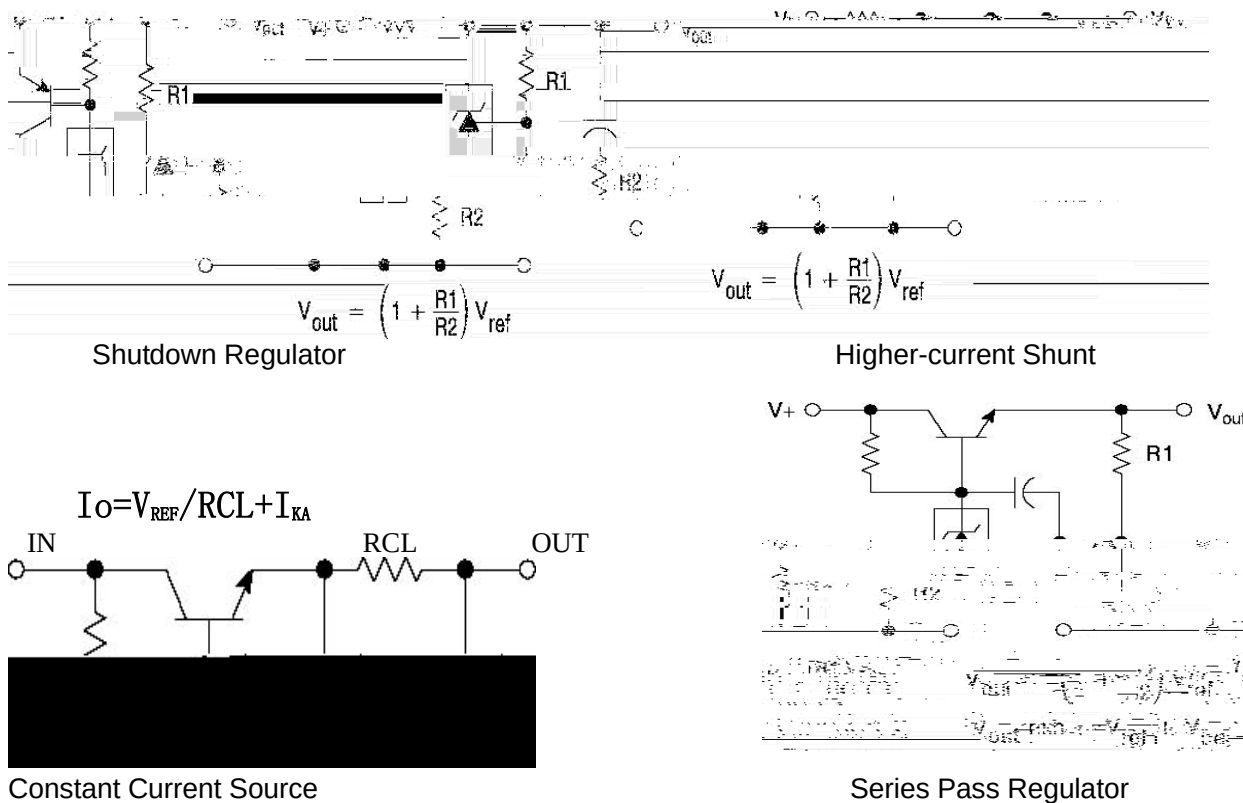
BLOCK DIAGRAM:



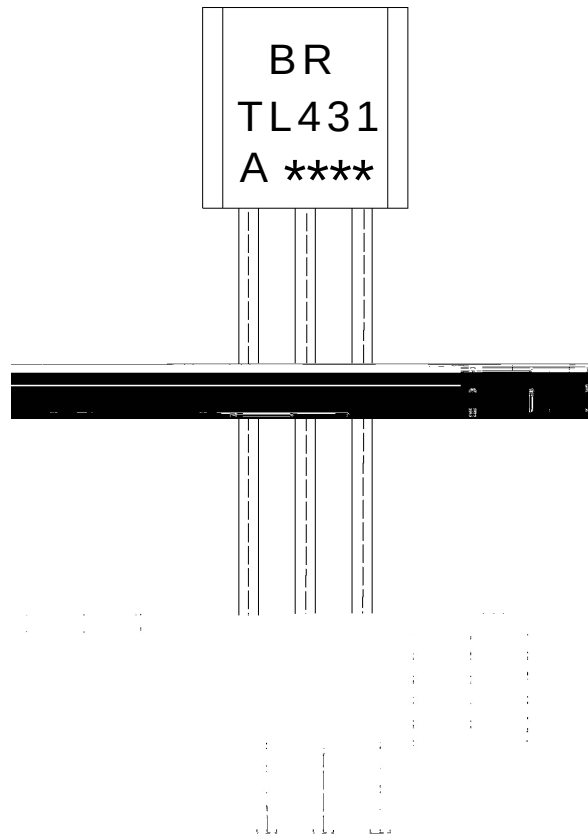
TEST CIRCUITS:



TYPICAL APPLICATION:



/ Marking Instructions



BR

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A: V_{REF}

Note:

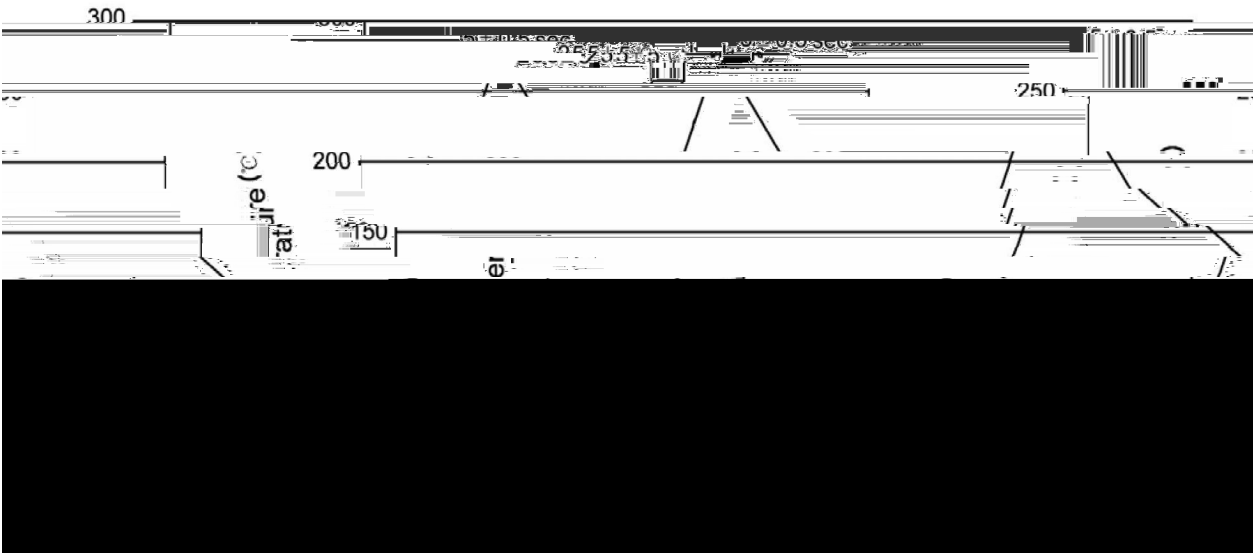
BR: Company Code.

TL431: Product Type.

A: V_{REF} Classifications Symbol

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



			Note:
1	25 150	60 90sec;	1.Preheating:25~150°C, Time:60~90sec.
2	255±5	5±0.5sec;	2.Peak Temp.:255±5°C, Duration:5±0.5sec.
3	2 10°C/sec.		3. Cooling Speed: 2~10°C/sec.

/ Resistance to Soldering Heat Test Conditions

270±5°C 10±1 sec. Temp:27