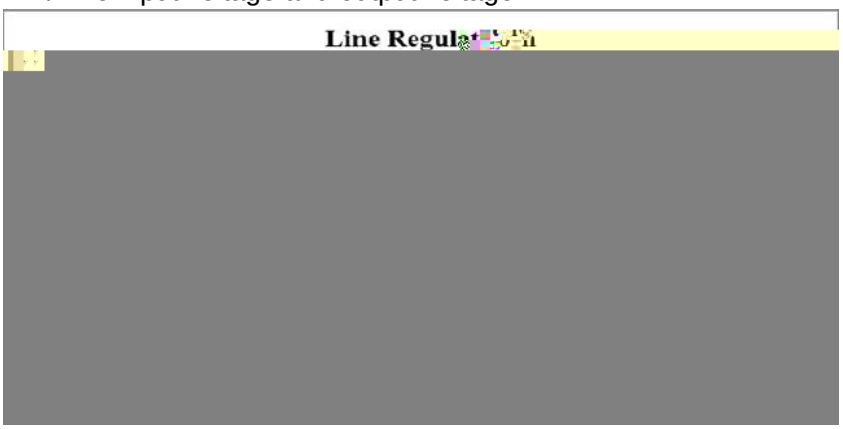
Low dropout linear regulator in a SOT-89 Plastic Package.

±

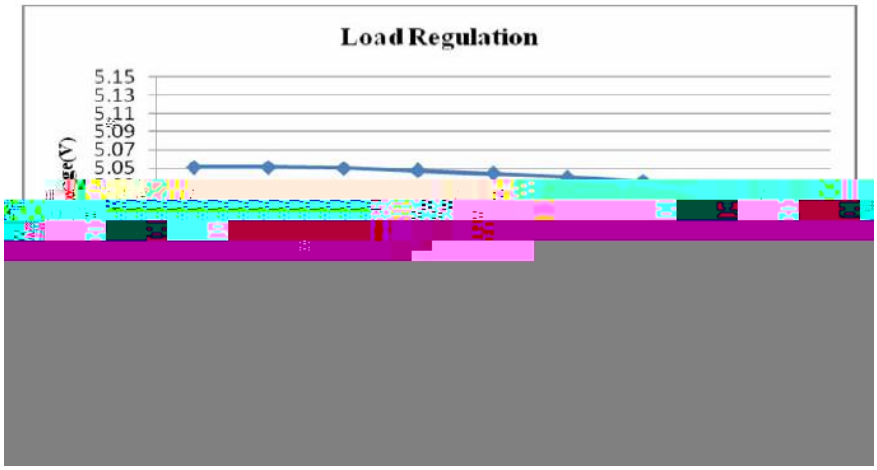
/ Electrical Characteristic Curve

ó / The input voltage and output voltage



· í Å î ï I_{OUT}=10mA $_{OUT}$

ó î ï / The output voltage and load current



· í Å V_{IN}=7.0V

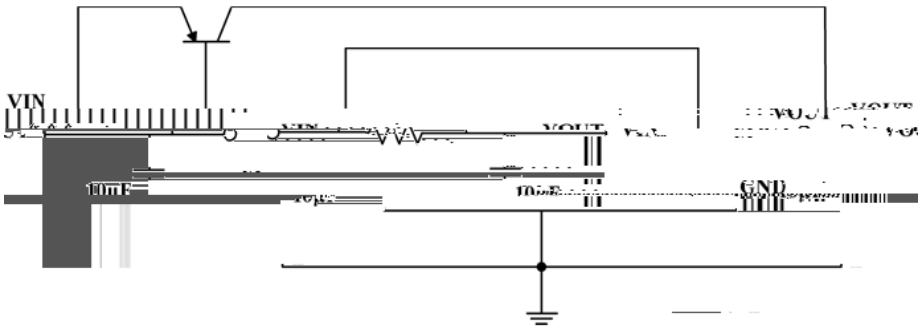
ó / The output voltage and temperature

ǂ10mA

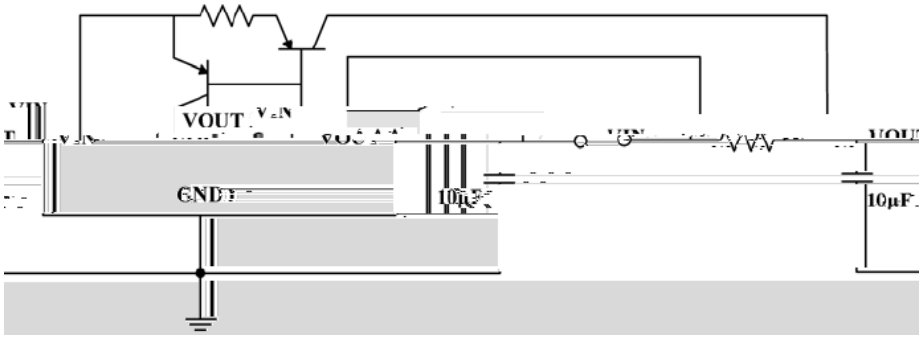
/ Typical Application Circuit

ô / Basic Application

Ã õ / High Output Current Voltage Regulator

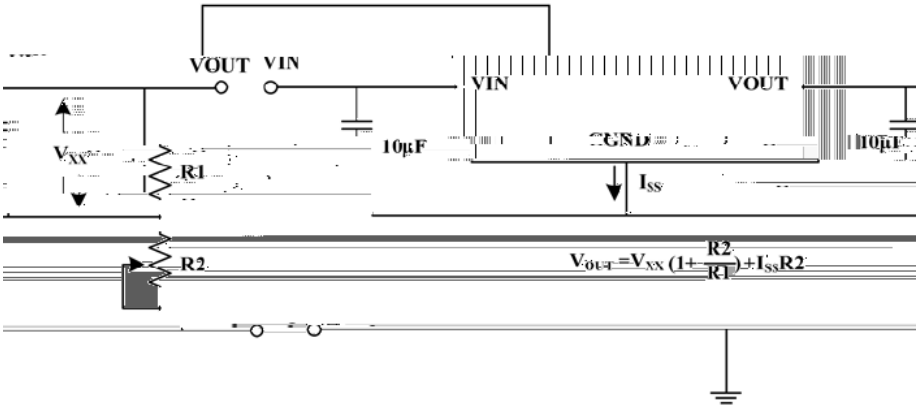


ö ÷ ø ù ô / Short-Circuit Protection

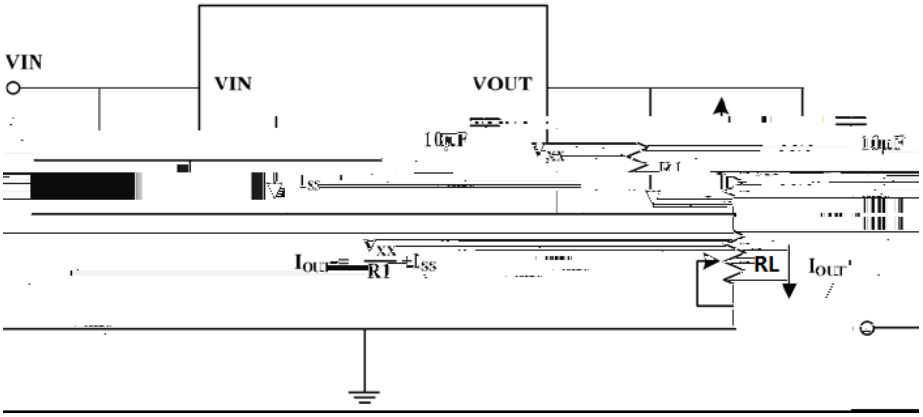


/ Typical Application Circuit

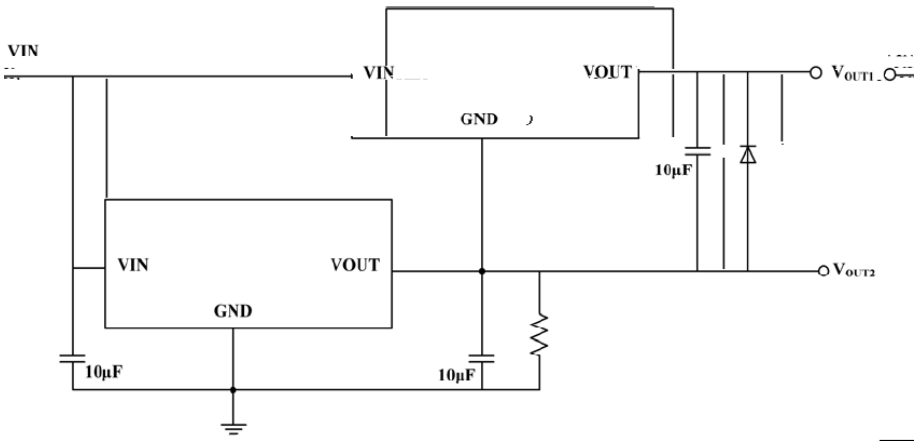
÷ / Circuit for Increasing Output Voltage



õ ÷ / Constant Current Regulator

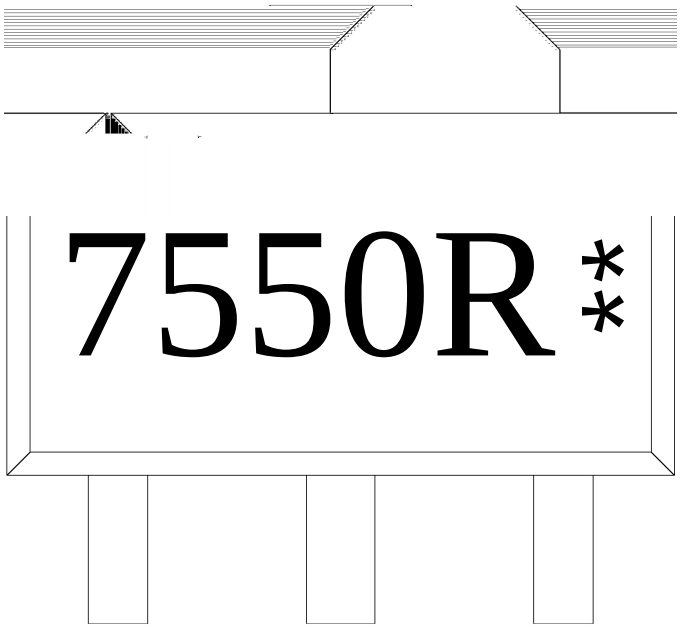


ú ÷ / Double Output Circuit



/ Package Dimensions

/ Marking Instructions



° ±

7550R ë ³ û

** ü ý ³ û þ ü ý ³ ÿ Ā

Note:

7550R: Product Type

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

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

						Note:
1	150	180		60	90sec;	1.Preheating:150~180℃, Time:60~90sec.
2	245±5				5±0.5sec;	2.Peak Temp.:245±5℃, Duration:5±0.5sec.
3			2	10℃/sec.		3. Cooling Speed: 2~10℃/sec.

/ Resistance to Soldering Heat Test Con