

## / Descriptions

## / Features

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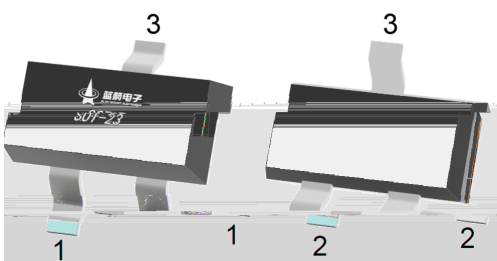
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## / Applications

## / Equivalent Circuit



## / Pinning



## / Marking

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**/ Absolute Maximum Ratings(Ta=25 )**

		~	
		~	
		~	°C
			°C
		~	°C

**/ Electrical Characteristics(Ta=25 )**

	△ △	~ °C				
	△ △	△				
		△				
	△ △	~ °C				

/ Electrical Characteristic Curve

Fig 1 Cathode Current Vs Cathode Voltage

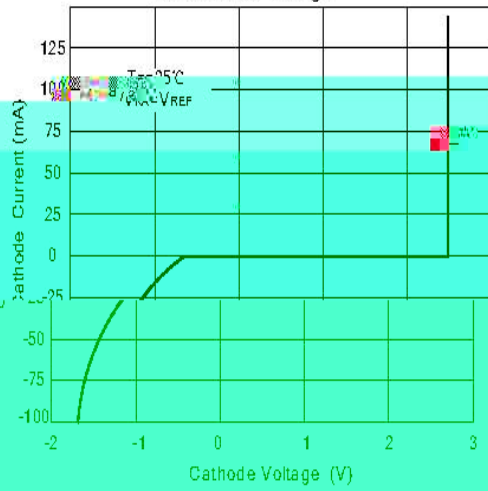


Fig 2 Cathode Current Vs Cathode Voltage

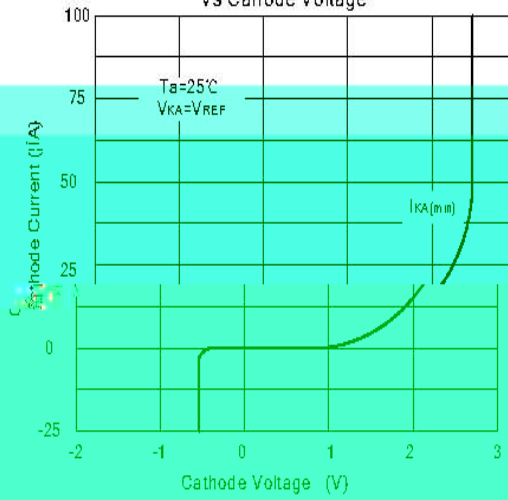


Fig 3 Change in Reference Input Voltage Vs Cathode voltage



Fig 4 Pulse Response

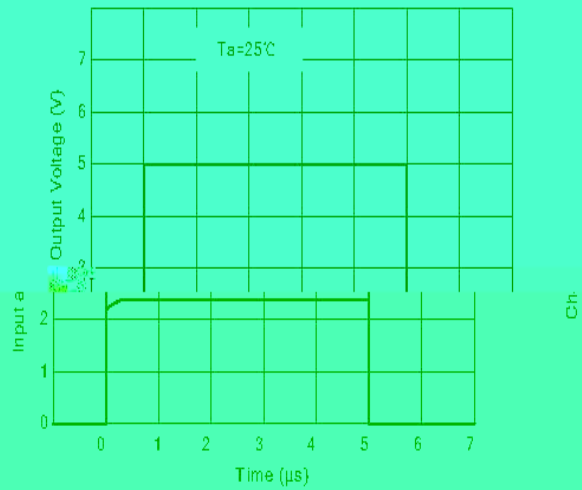


Fig 5 Dynamic Impedance Vs Frequency

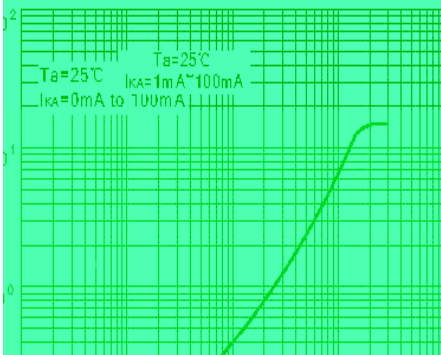
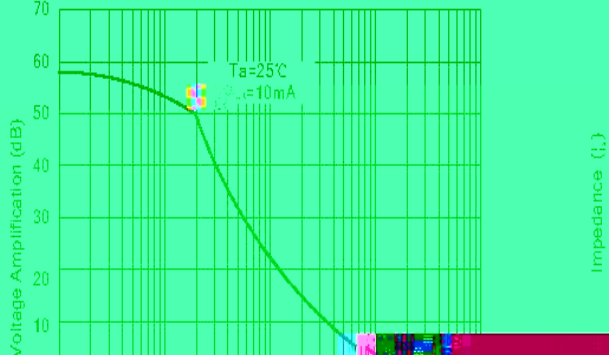
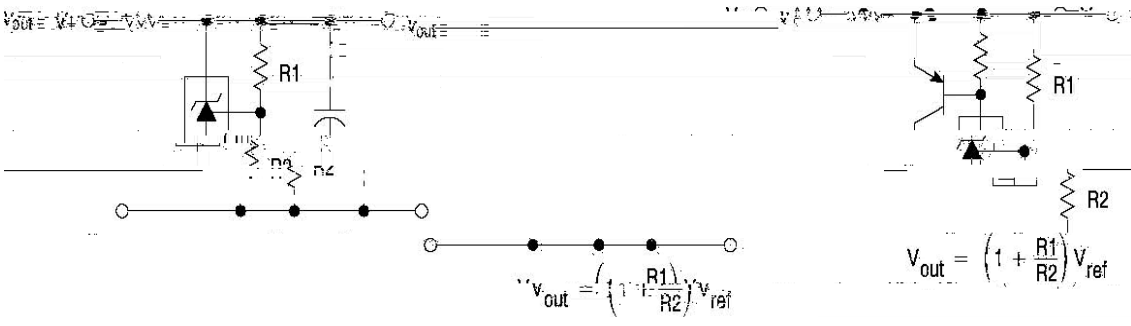
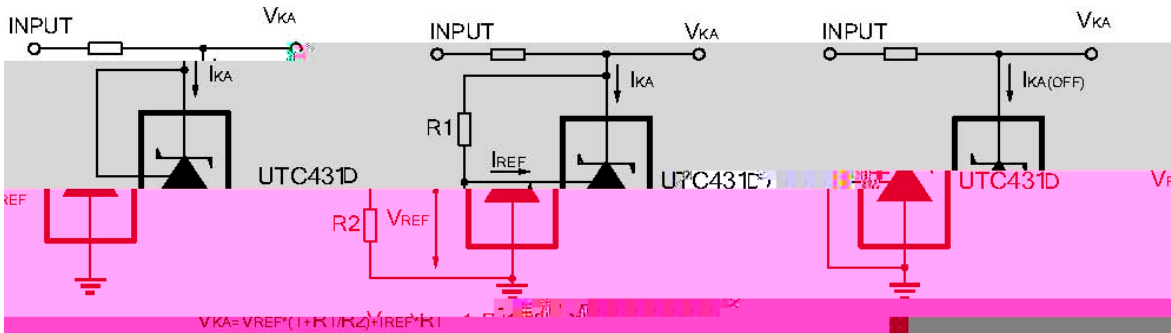
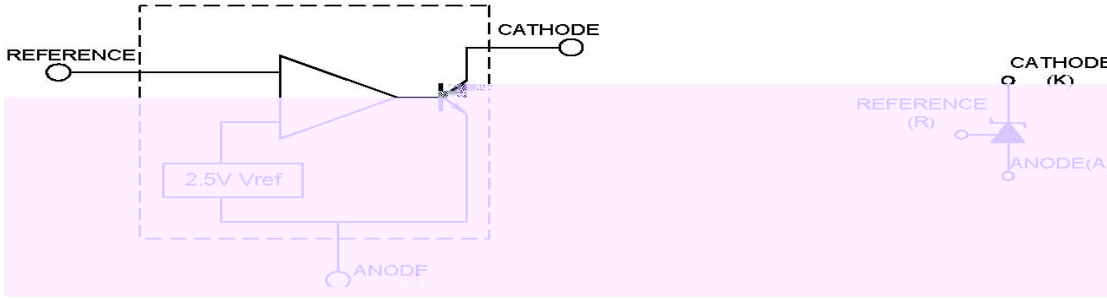


Fig 6 Small Signal Voltage Amplification Vs Frequency

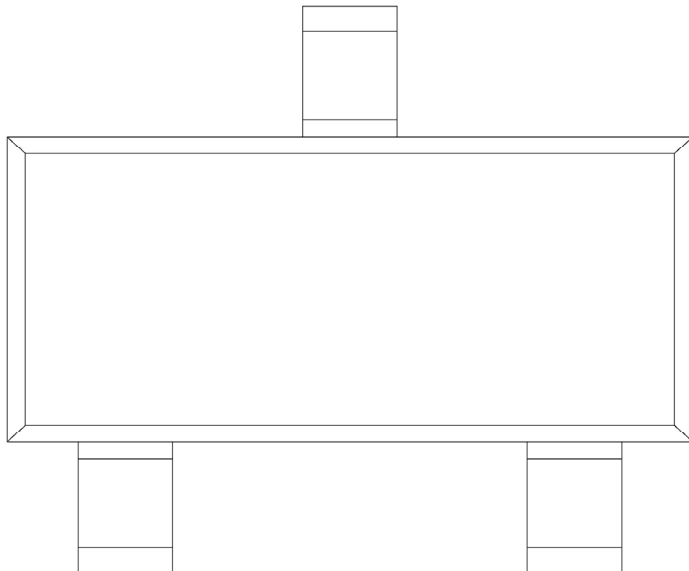


**& Test circuits&Typical Application**

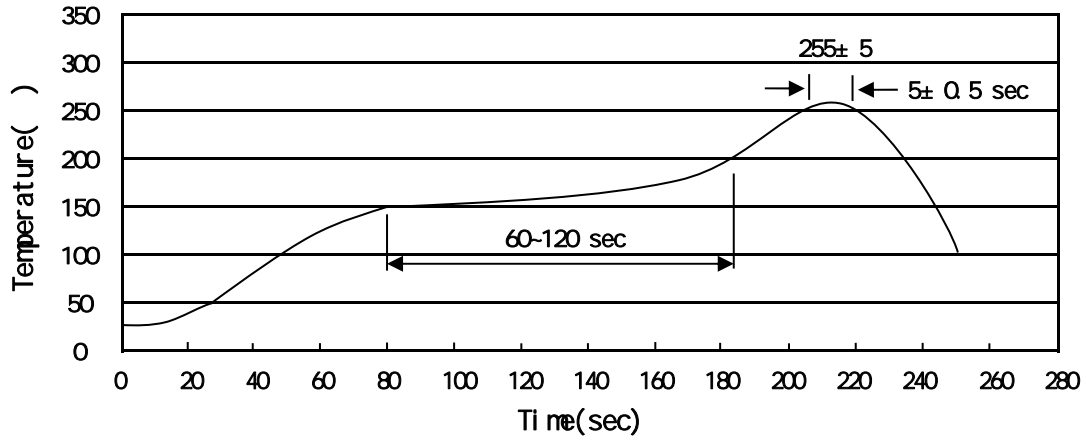


**BRTL431MQ**

/ Marking Instructions



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



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

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/ Notices