

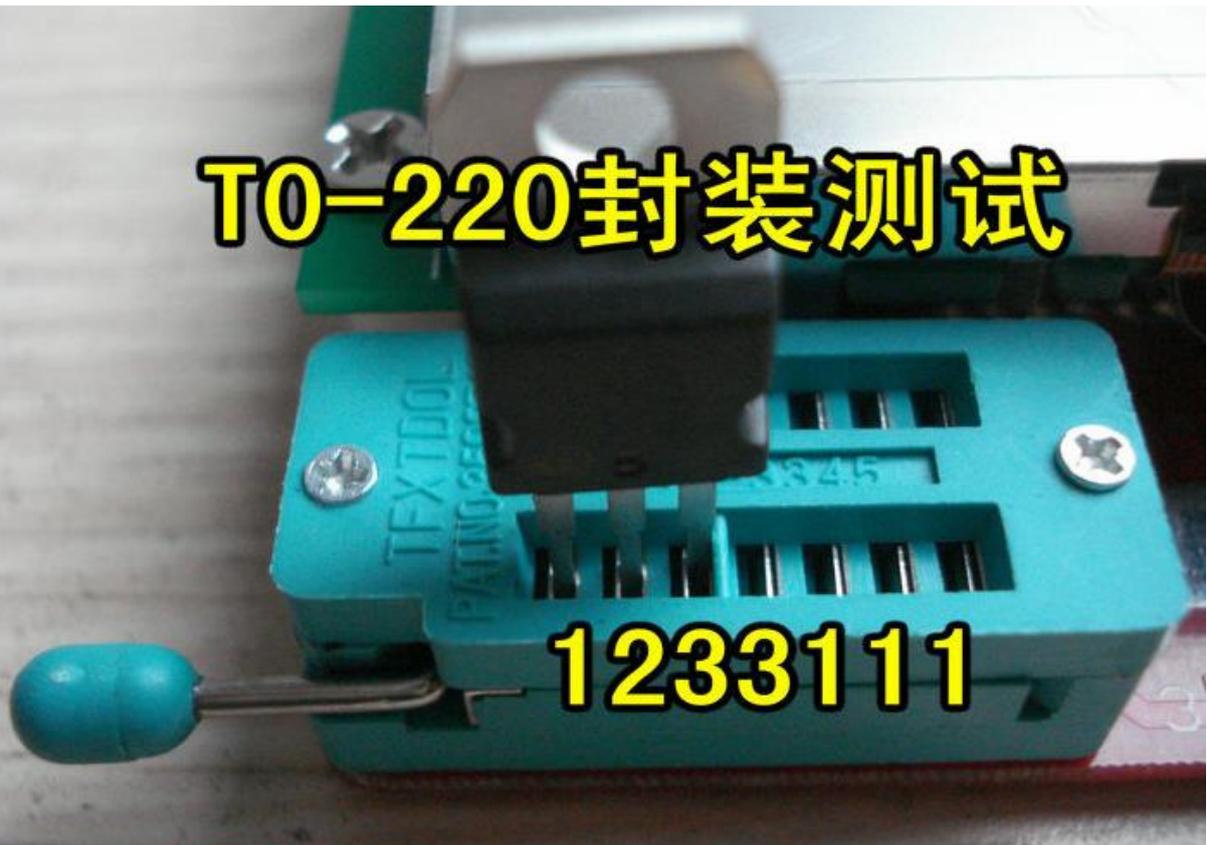
A black SOP-8 integrated circuit is mounted on a red test board. The board features four large silver pads: two on the left and two on the right. The top-left pad is labeled '2', the top-right '3', the bottom-left '3', and the bottom-right '1'. The chip's eight pins are inserted into the pads. A small circular hole is visible on the board to the right of the chip.

SOP-8贴片测试位

A black TO-252 integrated circuit is mounted on a red test board. The board features four large silver pads: two on the left and two on the right. The top-left pad is labeled '2', the top-right '3', the bottom-left '3', and the bottom-right '1'. The chip's two pins are inserted into the pads. The chip has markings: 'SR' on the left side, '955' in the center, and '534' on the right side. A small circular hole is visible on the board to the right of the chip.

TO-252贴片测试位

T0-220封装测试



T0-92封装测试



Oct 2014

New 12864 LCD Transistor Tester Capacitance ESR Meter Diode Triode MOS NPN LCR

2014 latest M328 version of the software ,more functions.Chip: Atmega328

128*64 big Backlight LCD display,only 2mA when stand by.

Using 9V battery (Not included)

NEW Function:

1:Automatic detection of NPN and PNP transistors, n-channel and p-channel MOSFET, diode (including double diode), thyristor, transistor, resistor and capacitor and other components

2: Automatic test the pin of a component, and display on the LCD

3:Can detect the transistor, MOSFET protection diode amplification coefficient and the base to determine the emitter transistor forward biased voltage

4: Measure the gate and gate capacitance of the MOSFET threshold voltage

5:Use 12864 liquid crystal display with white backlight

Size:140*90*55MM

Specifications:

1,One -button operation, automatic shutdown .

2,Only 20nA shutdown current.

3,Automatically detect NPN, PNP bipolar transistors , N -channel and P -channel MOS FET, JFET , diodes , two diodes, thyristors small power unidirectional and bidirectional thyristor.

4,Automatic identification components pin arrangement .

5,Measuring bipolar transistor current amplification factor and base - emitter threshold voltage.

6,Via the base - emitter threshold voltage and high current amplification factor to identify Darlington transistors.

7, Can detect bipolar transistors and MOS transistors protection diodes.

8, Measuring the gate MOS FET threshold voltage and the gate capacitance.

9, Can simultaneously measure two resistors and resistor symbol is displayed. Displayed on the right with a decimal value of 4 . Resistance symbol on both sides shows the pin number. So you can measure the potentiometer. If the potentiometer wiper is not transferred to an extreme position , we can distinguish the middle and both ends of the pin.

10, Resistance measurement resolution is 0.1 ohms , 50M ohms can be measured .

11, Can measure capacitance Can measure capacitance of 30pF-100mF , resolution 1pF.

12, 2uF more capacitors can simultaneously measure the equivalent series resistance ESR values. The two can be displayed with a decimal value , resolution 0.01 ohms.

13, Can be in the correct order and the diode symbol display two diodes , and gives the diode forward voltage.

14, LED is detected as a diode forward voltage higher . Combo of the LED is identified as two diodes.

15, Reverse breakdown voltage is less than 4.5V Zener diode can be identified.

16, Can measure a single diode reverse capacitance. If the bipolar transistor connected to the base and collector or emitter of a pin , it can measure the collector or emitter junction reverse capacitance .

18 can be obtained with a single measurement rectifier bridge connection.

Notice: Before measuring capacitance , the capacitor must be discharged , otherwise very likely damage the meter .

Package Include:

1 x New 12864 LCD Transistor Tester Capacitance ESR Meter Diode Triode MOS NPN LCR (not include the battery)