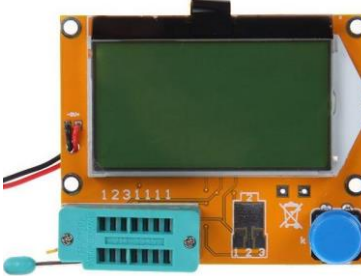

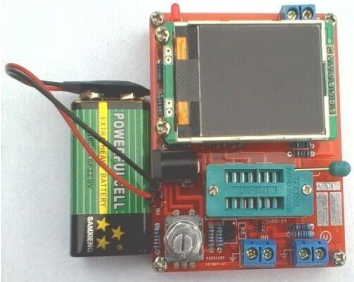




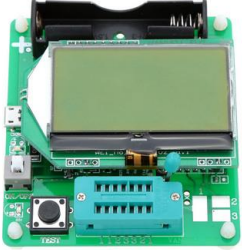








Comparative table for clone tester

Clone model	CPU, form factor, clock	Display, controller, resolution	5V reg, ref.2.5V, power control	Test option (preinstalled firmware)	Protection will measure ports	Firmware, opportunity update	Power supply	Possible price
<p style="text-align: center;">LCR-T4</p> 	ATMega328, TQFP, 8Mhz	LCD 2.6" SPI 14pin, ST7565, 128x64	78L05, TL431, divider port PC5	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese firmware (2.07-2.68), possible update to firmware 1.13k or 1.42m	+9V	≥6-10\$
<p style="text-align: center;">Fish-8840</p> 	ATMega328, TQFP, 8Mhz	LCD 2.6" SPI 6pin, ST7565, 128x64	78L05, No, divider port PC5	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese firmware 2.1, possible update to firmware 1.13k or 1.42m	+9V	≥15-20\$
<p style="text-align: center;">M328Kit+TFT(AY-AT)</p> 	ATMega328, DIP, 8Mhz	LCD TFT 1.8" SPI 8pin, ST7735, 160x128	7550, TL431, divider port PC5	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors, voltmeter, frequency generator, frequency meter, encoder	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Firmware 1.12k mod., possible update to firmware 1.13k or 1.42m	+9V, connector ext. 9-12V	≥10-15\$

<p>GM328A</p> 	<p>ATMega328, DIP, 8Mhz</p>	<p>LCD TFT 1.8" SPI 8pin, ST7735, 160x128</p>	<p>7550, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter, encoder</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Firmware 1.12k mod., possible update to firmware 1.13k or 1.42m</p>	<p>+9V, connector ext. 9-12V</p>	<p>≥10-15\$</p>
<p>M328Kit</p> 	<p>ATMega328, DIP, 8Mhz</p>	<p>LCD 2.4" SPI 8pin, ST7565, 128x64</p>	<p>7550, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter, encoder</p>	<p>No</p>	<p>Firmware 1.12k mod.*, possible update to firmware 1.13k or 1.42m</p>	<p>+9V</p>	<p>≥10-15\$</p>
<p>GM328A+</p> 	<p>ATMega328, TQFP or DIP, 8Mhz</p>	<p>LCD 2.6" SPI 9pin or 16pin, ST7565, 128x64</p>	<p>7550, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Firmware 1.11k mod.*, possible update to firmware 1.13k or 1.42m</p>	<p>+9V</p>	<p>≥10-15\$</p>
<p>MG328</p> 	<p>ATMega328, TQFP, 8Mhz</p>	<p>LCD 2.4" SPI 8pin, ST7565, 128x64</p>	<p>7150, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>No</p>	<p>Firmware 1.11k mod. , possible update to firmware 1.13k or 1.42m</p>	<p>+3.7V, +5V(USB)</p>	<p>≥10-15\$</p>

<p>WEI M8-1</p> 	<p>ATMega328, TQFP, 8Mhz</p>	<p>LCD 2.6" SPI 8pin, ST7565, 128x64</p>	<p>7150, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>No</p>	<p>Firmware 1.11k mod., possible update to firmware 1.13k or 1.42m</p>	<p>+3.7V, +5V(USB)</p>	<p>≥10-15\$</p>
<p>BSIDE ESR02(DTU-1701B)</p> 	<p>ATMega328, TQFP, 8Mhz</p>	<p>LCD 2.6" SPI 10pin, ST7565, 128x64</p>	<p>7150, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>No</p>	<p>Firmware 1.11k mod., possible update to firmware 1.13k or 1.42m</p>	<p>+9V, connector ext. 9-12V</p>	<p>≥25-30\$</p>
<p>Fish-8840(BOX)</p> 	<p>ATMega328, TQFP, 8Mhz</p>	<p>LCD 2.6" SPI 12pin, ST7565, 128x64</p>	<p>78L05, No, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>No</p>	<p>Chinese firmware 2.1, possible update to firmware 1.13k or 1.42m</p>	<p>+9V</p>	<p>≥10-15\$</p>
<p>Fish-8840TFT</p> 	<p>ATMega328, TQFP, 8Mhz</p>	<p>LCD TFT 1.8" SPI 14pin, ST7735S, 160x128</p>	<p>78L05, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>No</p>	<p>Chinese firmware 2.4*, possible update to firmware 1.13k or 1.42m</p>	<p>+9V</p>	<p>≥15-20\$</p>

<p>LCR-TC1</p> 	<p>ATMega324, TQFP, possible ATMega644, 16Mhz</p>	<p>LCD TFT 1.8" SPI 6pin, ST7735S, 160x128</p>	<p>78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Chinese firmware 2.12, possible update to firmware 1.13k or 1.41m**</p>	<p>+3.7V, USB charging</p>	<p>≥15-20\$</p>
<p>LCR-T7(1)</p> 	<p>ATMega324, (TQFP), possible ATMega644, 16Mhz</p>	<p>LCD TFT 1.8" SPI 14pin, unknown, 128x128</p>	<p>78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Chinese firmware 2.12*</p>	<p>+3.7V, USB charging</p>	<p>≥15-20\$</p>
<p>LCR-T7(2)</p> 	<p>ATMega324, (TQFP), possible ATMega644, 16Mhz</p>	<p>LCD TFT 1.8" SPI 6pin, ST7735S, 160x128</p>	<p>78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Chinese firmware 2.12, possible update to firmware 1.13k or 1.41m**</p>	<p>+3.7V, USB charging</p>	<p>≥15-20\$</p>
<p>LCR-T7-H</p> 	<p>ATMega324, (TQFP), possible ATMega644, 16Mhz</p>	<p>LCD TFT 1.8" SPI 14pin, unknown, 128x128</p>	<p>78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<20V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Chinese firmware 2.12*</p>	<p>+3.7V, USB charging</p>	<p>≥15-20\$</p>

<p style="text-align: center;">MK-328</p>  <p>The image shows a white plastic enclosure for the MK-328 Transistor Tester. It features a small LCD screen at the top displaying test results. Below the screen are several control buttons and a warning label that says 'Discharge capacitor before measuring'. At the bottom, there are three test points labeled 1, 2, and 3.</p>	<p>ATMega328, TQFP, 8Mhz</p>	<p>LCD 2.6" SPI, ST7565, 128x64</p>	<p>1117, TL431, divider port PC5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors</p>	<p>Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A</p>	<p>Firmware 1.11k mod. , possible update to firmware 1.13k or 1.42m</p>	<p>+9V</p>	<p>≥18-25\$</p>
<p style="text-align: center;">Hiland M644</p>  <p>The image shows the Hiland M644 Transistor Tester, which is a red PCB with a blue LCD screen. The screen displays test results for an LF quartz component, including frequency (f=32.768kHz), period (T=30.52327µs), and another frequency (f=32.76189kHz). The board has various components like a potentiometer and connectors.</p>	<p>ATMega644, TQFP, 8Mhz</p>	<p>LCD 2.4" SPI 8pin, ST7565, 128x64</p>	<p>1117, TL431, divider port PA5</p>	<p>Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), resistors, capacitors, chokes, inductors, frequency generator, frequency meter, quartz and ceramic resonators, voltmeter, encoder</p>	<p>No</p>	<p>Firmware 1.12k mod.*, possible update to firmware 1.13k or 1.42m</p>	<p>+9V</p>	<p>≥18-25\$</p>

* Note: the Chinese version is locked to read!

** Note: for a clone with a display connected to a 6-pin J3 connector.