## Comparative table for clone ttester (by indman@EEVblog)

Clone model	CPU, form factor, clock	Display, controller, resolution, color palette	5V reg, ref.2.5, power control, HW control	Test option (preinstalled firmware)	Measuring ports protection	Firmware, opportunity update	Power supply	Possible price
LCR-T4	ATMega328, TQFP, 8MHz	LCD 2.6" SPI 14pin, ST7565, 128x64, monochrome	78L05, TL431, divider port PC5, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese (2.07-2.68), possible update to 1.13ĸ or 1.48m	<b>+</b> 9V	≥7-12\$
LCR-T4(FNIRSI)	ATMega328 (Fake!!!) TQFP, possible APT32F172K8T6, ?	LCD 2.6" SPI 14pin, ST7565, 128x64, monochrome	78L05, LM358? 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese 2.68?, No	+9V	≥7-12\$
Fish-8840	ATMega328, TQFP, 8MHz	LCD 2.6" SPI 6pin, ST7565, 128x64, monochrome	78L05, No, divider port PC5, 2 buttons	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese 2.1, possible update to 1.13ĸ or 1.48m	<b>+</b> 9V	≥15-20\$

M328Kit+TFT(AY-AT)	ATMega328, DIP, 8MHz	LCD TFT 1.8" SPI 8pin, ST7735, 160x128, RGB	7550, TL431, divider port PC5, r.encoder	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	1.12k mod., possible update to 1.13k or 1.48m	+9V, connector ext. 9-12V	≥10-15\$
GM328A	ATMega328, DIP, 8MHz	LCD TFT 1.8" SPI 8pin, ST7735, 160x128, RGB	7550, TL431, divider port PC5, r.encoder	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	1.12к mod., possible update to 1.13к or 1.48m	+9V, connector ext. 9-12V	≥10-15\$
GM328A(BGR)1  Selection: Sultch of required: Frequency F	ATMega328, TQFP, 8MHz	LCD TFT 1.8" SPI 8pin, Semi- ST7735, 160x128, BGR	7550, TL431, divider port PC5, r.encoder	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	1.12k mod., possible update to 1.13k or 1.48m	+9V, connector ext. 9-12V	≥10-15\$

GM328A(BGR)2	ATMega328, TQFP, 8MHz	LCD TFT 1.8" SPI 8pin, Semi- ST7735, 160x128, BGR	7550, TL431, port PC5, r.encoder	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	1.12k mod., possible update to 1.13k or 1.48m	+5V (connector microUSB, USB-C)	≥10-15\$
M328Kit  Consider the second of the second o	ATMega328, DIP, 8MHz	LCD 2.4" SPI 8pin, ST7565, 128x64, monochrome	7550, TL431, divider port PC5, r.encoder	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors voltmeter, frequency generator, frequency meter	No	1.12к mod.*, possible update to 1.13к or 1.48m	+9V	≥10-15\$
GM328A+  GM328 TR TESTER Bat. 8.10 0K? UCC=5.010  GMM VIN all 3  CHECK CHOPPING WHAT  (D25020)23	ATMega328, TQFP or DIP, 8MHz	LCD 2.6" SPI 9pin or 16pin, ST7565, 128x64, monochrome	7550, TL431, divider port PC5, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	1.11k mod.*, possible update to 1.13k or 1.48m	+9V	≥10-15\$
MG328	ATMega328, TQFP, 8MHz	LCD 2.4" SPI 8pin, ST7565, 128x64, monochrome	7150, TL431, divider port PC5, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	1.11k mod., possible update to 1.13k or 1.48m	+3.7V, +5V(USB)	≥10-15\$

WEI M8-1	ATMega328, TQFP, 8MHz	LCD 2.6" SPI 8pin, ST7565, 128x64, monochrome	7150, TL431, divider port PC5, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	1.11к mod., possible update to 1.13к or 1.48m	+3.7V, +5V(USB)	≥10-15\$
BSIDE ESR02(DTU-1701B)	ATMega328, TQFP, 8MHz	LCD 2.6" SPI 10pin, ST7565, 128x64, monochrome	7150, TL431, divider port PC5, 2 buttons	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	1.11k mod., possible update to 1.13k or 1.48m	+9V, connector ext. 9-12V	≥25-30\$
Fish-8840(BOX)  Transistor tester  Transistor tester  Transistor tester	ATMega328, TQFP, 8MHz	LCD 2.6" SPI 12pin, ST7565, 128x64, monochrome	78L05, No, divider port PC5, 2 buttons	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese 2.1, possible update to 1.13ĸ or 1.48m	+9V	≥10-15\$
Fish-8840TFT	ATMega328, TQFP, 8MHz	LCD TFT 1.8" SPI 14pin, ST7735S, 160x128, RGB	78L05, TL431, divider port PC5, 2 buttons	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<5V), resistors, capacitors, chokes, inductors	No	Chinese 2.4*, possible update to 1.13k or 1.48m	+9V	≥15-20\$

Multi-function Tester - TC1  R. Test ce: Self test End vo.13  Test  RAA1233  A. Test dutum below sering	ATMega324, TQFP, possible ATMega644, 16MHz	LCD TFT 1.8" SPI 6pin, ST7735S, 160x128, RGB	78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104, 8G1K08, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12, possible update to 1.13ĸ or 1.48m**	+3.7V, USB charging	≥15-20\$
LCR-TC1(2)	LGT8F328 TQFP, 16МГц	LCD TFT 1.8" SPI 6pin, ST7735S, 160x128, RGB	78L05, TL431, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<20V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12-3.12?*, ?	+3.7V, USB charging	≥15-20\$
LCR-TC1(T7)ATMega328	ATMega328, DIP, 16MHz	LCD TFT 1.8" SPI 6pin, ST7735S, 160x128, RGB	78L05, No, port PC4, STC15L104, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<20V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12, possible update to 1.48m**	+3.7V, USB charging	≥15-20\$
LCR-TC2  Multifunction LCR-TC2  Start  1231233  A harmonian	ATMega324, (TQFP), possible ATMega644, 16MHz	LCD TFT 1.8" SPI 6pin, ST7735S, 160x128, RGB	78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104, 8G1K08, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<20V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12, possible update to 1.13k or 1.48m**	+3.7V, USB charging	≥15-20\$

LCR-T7(1)  I-Tester BJT-NN L-S-S-Sen-Sun Multi-function Tester - T7  Start KKAA   2-32	ATMega324, (TQFP), possible ATMega644, 16MHz	LCD TFT 1.8" SPI 14pin, S6D0117?, 128x128, RGB	78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104, 8G1K08, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12*	+3.7V, USB charging	≥15-20\$
LCR-T7(2)	ATMega324, (TQFP), possible ATMega644, 16MHz	LCD TFT 1.8" SPI 6pin, ST7735S, 160x128, RGB	78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104, 8G1K08, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12, possible update to 1.13k or 1.48m**	+3.7V, USB charging	≥15-20\$
Multi-function Tester - IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ATMega324, (TQFP), possible ATMega644, 16MHz	LCD TFT 1.8" SPI 14pin, S6D0117?, 128x128, RGB	78L05, TL431, port PA5, STC15L104, possible STC15F104, STC15W104, 8G1K08, 1button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<20V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12*	+3.7V, USB charging	≥15-20\$
LCR-T7(FNIRSI)	ATMega328 (Fake!!!) TQFP, possible APT32F172K8T6,	LCD TFT 1.8" SPI 6pin, ST7735S, 160x128, RGB	SD6210A, LM358?, 1 button	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<20V), voltmeter, resistors, capacitors, chokes, inductors, IR receiver	Yes, SRV05-4 diode assembly, suppressor (TVS) 6V8A	Chinese 2.12-3.12?*, No	+3.7V, USB charging	≥15-20\$

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Hiland M644  Transistor tester  LF quartz  f=32.768kHz / T=30.52327µs f=32.76189kHz	ATMega644, TQFP, 8MHz	LCD 2.4" SPI 8pin, ST7565, 128x64, monochrome	1117, TL431, divider port PA5, r.encoder	Transistors, diodes, diode assemblies, LEDs, thyristors, triacs, zener diodes (<35V), resistors, capacitors, chokes, inductors, frequency generator, frequency meter, quartz and ceramik resonators, voltmeter	No	1.12k mod.*, possible update to 1.13k or 1.48m	+9V	≥18-25\$

\* Note: the Chinese version is locked to read!
\*\* Note: for a clone with a display connected to a 6-pin J3 connector.

by indman@EEVblog

My resource link https://yadi.sk/d/yW8xa5NJgUo5z