

DSO138 2.4" TFT Digital Oscilloscope DIY Kit DIY Parts for Oscilloscope Making Pocket-size Handheld Electronic Learning

This DSO138 digital oscilloscope kit adopts ARM Cortex-M3 processor and with 2.4-inch TFT screen. It's easy and reliable for circuit operation. It can display frequency, period, pulse width, duty ratio, MAX./MIN./AVG./Peak-Peak/virtual values.

Features:

This kit uses ARM Cortex-M3 processor (STM32F103C8), and includes a 2.4-inch color TFT display screen, can be used as ARM test development board.

Can be secondary development on the basis of this kit, for example, it can be changed to Millivoltmeter, data loggers.

Adjustable vertical displacement, and with instructions.

With automatic, regular and one-shot modes, easy to capture the moment waveform.

Available rising or falling edge trigger.

Observable previous trigger waveform (negative delay).

Can freeze at any time waveform display (HOLD function).

Comes 1Hz /3.3V square wave test signal source.

With waveform parameter digital display, including frequency, period, pulse width, duty ratio, MAX./MIN./AVG./Peak-Peak/virtual values.

Waveform storage function: will not lose the waveform after power off.

Short-circuit and open-circuit detection: can help the user find out the soldering error.

TFT controller recognition function.

Specifications:

The Horizontal Time Base Range: 10 μ s / Div - 50s / Div (1-2-5 progressive manner)

Supply Voltage: DC 9V

PCB Size: 117 * 76mm / 4.6 * 3in

Screen Size: 52 * 40mm / 2 * 1.57in

Package Size: 18 * 12.5 * 3cm / 7.08 * 4.92 * 1.18in

Package Weight: 119g / 4.21oz

Package List:

1 * DSO138 DIY Digital Oscilloscope Kit

1 * Probe

3 * User Manual(English)