

1hz-50mhz frequency meter crystal oscillator measurement DIY Kit

This is a frequency meter based on PIC single chip microcomputer, with crystal oscillator measurement function and programmable addition and subtraction frequency setting, five-digit nixie tube display, convenient and intuitive, all use in-line components, simple circuit and easy to make.

Circuit features:

- Measurable frequency range: 1hz-50mhz (1hz-50mhz);
- It can measure the oscillation frequency of most common crystal oscillators;
- Five-bit precision resolution (e.g., 0.0050 kHz, 4.5765 MHz, 11.059 MHz);
- Automatic range conversion without manual switching;
- Programmable addition and subtraction frequency settings for measuring equipment such as radio transceivers;
- Power saving mode can be selected. If there is no obvious change in frequency within 15 seconds, the display will be automatically turned off;
- The universal USB 5V interface can be used for power supply, and external DC power supply or 9V battery can also be used.
- Small number of components, all in-line components, simple installation and commissioning.
- PCB size: 80 * 53mm
- Single set weight: 0.034kg

Brand new and high quality!

Designed to measure the oscillation frequency of the most crystal oscillators.

Based on for PIC microcontroller can measure frequency of 1 Hz to 50 MHz.

Five digits accuracy.

Optional power-saving mode: automatically turns the display.

General USB interface for power supply, power supply or 9V battery can also be used be used.

Specifications

Color: Red

Material: PBS

Frequency range: 1 Hz-50 MHz

Crystal Test Range: 4 MHz-48 MHz

Built Item Size: 8 * 5.5 * 0.7 cm / 3.2 * 2.2 * 0.3 inches



