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INDUSTRIAL PRODUCT DATASHEET

DSO Quad - 4 Channel Digital Storage Oscilloscope

DSO Quad: Pocket-size, open-source 4-channel digital oscilloscope with 72MS/s sampling, integrated signal generator, and auto measurement.

SKU	UPDATED	PRICE
109990031	2024-08-09 02:12:57	$169.00(Excl. VAT)



Overview



The DSO Quad is a pocket-size, 4-channel digital storage oscilloscope with two 72MS/s analog channels and two digital channels, featuring a built-in signal generator, auto measurement, and various triggering options. It is based on an ARM Cortex M3 platform with integrated FPGA and high-speed ADC, offering internal 2MB USB storage for waveforms, user applications, and firmware upgrades.

Key Features

Note: We have a new version DSO Quad - Aluminum Alloy Silver instead of DSO Quad - 4 Channel Digital Storage Oscilloscope.

DSO Quad - Aluminum Alloy Silver

DSO Quad is a pocket size 4 channel digital oscilloscope for common electronic engineering tasks. It's based on ARM cortex M3 (STM32F103VCT6) 32 bits platform, providing 72MS/s sampling rate with integrated FPGA and high speed ADC. Internal 2MB USB disk could be used to store waveform, user application and upgrade firmware.

Feature

- Pocket size and light weight
- Two 72MS/s analog channels, plus two digital channels
- Signal Generator
- Auto Measurement
- Various Triggering Option
- Easy waveform storage
- Firmware upgrade
- User applications
- Open source

Specifications

- Analog channel * 2 : [CH_A] [CH_B];
- Digital channel * 2 : [CH_C] [CH_D];
- Vertical Scale: 20mV-10V/div (x1 probe);
- Vertical solution: 8 bit ;
- Input coupling: AC/DC ;
- Max input voltage: 80Vpp (x1 probe);
- Storage: 4K per channel
- Software trigger type: edge, pulse, level (to be added)
- Hardware trigger type: edge
- Trigger source: CH1/CH2/EXT
- Test Signal generator: 10Hz to 1Mhz
- Storage: internal 2MB USB disk
- Auto measure: Vmax, Vmin, Vpp, Vavr, Vrms, Freq, Period, Pulse, Duty
- Cursor measurement: Level, Voltage
- Display mode: CH1, CH2, EXT, CH1+CH2, CH1-CH2, CH1*CH2
- Sampling mode: real time
- Sampling rate: 1kSa/s - 72MSa/S
- Power: Lipo battery

- Dimension: 98 * 60 * 14.5
- Weight: 80g (without battery)
- Accessories within Pack: 2 mueller mcx oscilloscope probe, 2 digital probe,

Pack list

- DSO Quad X1
- Operation manual X1
- Battery X1
- Mueller mcx oscilloscope probe X2
- Digital probe X2

Resources

- How to connect battery to you DSO Quad
- Wiki page

Product Gallery





Resource Links

- https://www.seeedstudio.com/DSO-Quad-4-Channel-Digital-Storage-Oscilloscope-p-736.html

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