Datasheet revision 1.1

Digital Oscilloscope 10MHz Bandwidth, 48MSa/s Sampling Rate

Description
Digital Oscilloscope with built-in multi-meter functionality.

Specifications
Bandwidth: 10MHz
Sampling rate: 42MSa/s real-time sampling
Channels: 1
Input Coupling: AC/DC
Input Resistance: 1Mohm @ 16pF
Probe Attenuation: X1, X10
Max Input Voltage: 150V (DC + AC peak)
Horizontal sample rate range: 1.5 to 48 MSa/s
Waveform interpolation: (sinx)x
Sweep speed range: 100ns/div to 20s/div
Time Base Accuracy: 20ppm
Record Length: Max 64Kbyte
Vertical sensitivity: 20mV/div to 10V/div
Displacement range: 4 cells (positive and negative)
Analog Bandwidth: 10MHz
Low Frequency Response: >10Hz
Rise Time: <10ns
DC Gain Accuracy: +/- 3%
Automatic Measurement: Period, Frequency, Peak-to-Peak Value, Maximum Value, Minimum Value, Effective Value
Trigger Method: Auto, Normal, Single
Trigger Edge: Rising Edge, Falling Edge
Power supply: Powered by 1x 18650 Lithium-Ion Rechargeable Battery (Included, pre-installed)
Charging: USB-C charging, Comes with USB-A to USB-C charge cable, requires USB-A 5VDC power adapter to connect to 120VAC power for charging (not included)
Weight: 734 g (includes bag and all parts)

Parts Included
CQ-702S Digital Oscilloscope
Oscilloscope Probe (X1, X10 attenuation)
Multimeter Probes
Temperature Probe
USB-A to USB-C cable

How to access CHIPQUIK CQ-702S Digital Oscilloscope screen captures

- While using the oscilloscope, press and hold the "HOLD SAVE" button, and it will capture the screen image of the waveform.
- Plug the oscilloscope into your computer using the USB-C port. With the oscilloscope powered on, press "MENU", hit the Right arrow two times to cycle the menu options shown above the F1, F2, F3 and F4 keys. You should see "Storage ENTER" above the "F3" key. Press the "F3" key, which will put the Oscilloscope into a mode that makes it appear as a USB disk drive to your computer.
- Open your File Explorer program on your computer, and you should see a new drive letter show up labeled "DISK". Click on the new "DISK" drive on your computer and you should see two folders inside: firmware and pic. Double click the "pic" folder, and inside you should see all your screen image captures.
- On the oscilloscope, press "F2" to exit the USB disk drive function.

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