

OSCILLOSCOPE OWON SDS1102



OWON SDS1102:

- is a desktop digital oscilloscope.
- The 2-channel device at an affordable price with 100 MHz bandwidth,
- 1 GSa/s sample rate and 10K pts wavelength.
- OWON SDS1102 has a simplified synchronization system which supports two trigger types: level and edge
- . Designed to solve problems that do not require large amounts of memory and difficult trigger types.

FEATURES

- 100 MHz bandwidth.
- 2-Channel.
- Sample rate: 1 GS/s (Real time).
- 10K pts wavelength.
- Display 7" TFT, 800 × 480 pixels.
- Communication Interface: USB.

TECHNICAL SPECIFICATIONS:

Bandwidth	100 MHz
Horizontal Scale (s/div)	5 ns/div - 1000 s/div
Channel	2
Vertical Sensitivity	5 mV/div - 5 V/div (at input)
DC Gain Accuracy	3%
Vertical Resolution (A/D)	8 bits (2 channels simultaneously)
Input	
Input Impedance	1 M Ω , 10 pF
Input Coupling	AC, DC, GND
Max Input Voltage	$\pm$ 400 V, CATI, CATII
Passive probes	x1; x10
Probe Attenuation Factor	x1; x10; x100; x1000
Trigger System	
Trigger Mode	Auto, Normal, Single
Trigger Type	Edge, Video
Edge Trigger Source	CH1, CH2
Video Trigger	
Sampling Type	real-time
Sample Rate	1 GSa/s
Equivalent Sample Rate	no
Wavelength	10K pts
Interpolation	sin(x)/x

Measurement and Mathematical Treatment System	
Automatic Measurement	Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A→B, Delay A→B, area, cycle area
Math Functions	Addition, Subtraction, Multiplication, Division, FFT
General Characteristics	
Display type	7" color LCD
Display Resolution	800 × 480
Power	100-240 V, 45-440 Hz, <15 W
Dimensions	301 × 70 × 152 mm
Weight	1,1 kg