

Product Description

---Siglent Technologies Co., Ltd.



2 channel oscilloscope,100mhz,SDS1102CN

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Brief Product Description

2 channel oscilloscope,100mhz,SDS1102CN

- 1.Memory Depth:40K/CH;
- 2.Rise time:<3.5ns;
- 3.Bandwidth:100MHZ;

Product Attributes

Place of Origin	Guangdong China (Mainland)
Brand Name	SIGLENT
Model Number	SDS1102CN
Bandwidth	100MHZ;
Channels	double channel plus one EXT trigger ...
Real Time Sample Rate	1GSa/s(single channel);

Equivalent Sample Rate	50G Sa/s;
Memory Depth	40K/CH
Rise time	<3.5ns

Detailed Product Description

2 channel oscilloscope, 100MHz, SDS1102CN Model SDS1102D Bandwidth 100MHz Channels double channel plus one EXT trigger channel Real time sampling rate 1GSa/s(single channel), 500MSa/s(double channel) Equivalent sampling rate 50GSa/s Memory depth 40 K/CH Rise time Input impedance 1M Ω ||17pF Time base range 2.5ns/div-50s/div Roll: 100ms-50s/div Vertical sensitivity 2mv-5v/div(1-2-5 sequence) Vertical resolution 8bit Trigger source CH1, CH2, EXT, EXT/5, AC Line Trigger types Edge, pulse, video, slope, alternative Math operation +, -, *, / FFT Digital filter High pass, low pass, band pass, band stop Max input voltage 400V Pk-Pk CAT 1 Internal save 2 groups of reference waveform, 20 groups of settings, 20 groups of waveform External save Bitmap save, CSV save, waveform save, setting save Lasting Turn off, 1s, 2s, 5s, infinite Language English, Russian, French, Japanese, Korean, German, Arabic, Spanish, Italian, Portuguese, Simplified Chinese, Traditional Chinese Connection USB Host, USB Device, RS-232, Pass/Fail out Display 5.7 inches color TFT-LCD Power AC 100-240V, 47HZ-440HZ, 50VA Max Features and advantages 1. With the highest bandwidth 100MHz, real time sampling rate 500MSa/s, equivalent sampling rate 50GSa/s 2. Ultra slim, small volume, portable 3.3 types of cursor mode, 32 kinds of auto-measuring reference 4.5 triggering functions: edge, pulse, video, slope, alternative 5.2 groups of reference waveform, 20 groups of settings, 20 groups of waveform internal saving 6. Standard connection: USB Host; U memory saving and firmware updating; USB device; PC remote control and PictBridge printing; RS-232; Pass/Fail interface Application: 1. electronic circuit design and modify; 2. industrial control and power measuring; 3. inspect instant signal; 4. production test; 5. high education; 6. service.

Company Profile

Siglent Technologies Co., Ltd. is one of the most professional DSO manufacturers in China. In early 2002, Siglent's founders began to research DSO and developed one with 1G sampling rate and many other original technologies, like Easy Hunting. The first digital storage oscilloscope of this type is 2-4 times more precise in triggering than other same class products, which shocked the whole industry. After years of diligent work and enduring efforts, Siglent has become one of the biggest DSO manufacturers in China. Being proficient in research, manufacture and marketing, Siglent has kept a growing rate of more than 50% on average since the foundation. This makes us become the most competitive dark horse in this field. Siglent is committed to building a commercial platform with honesty and mutual trust, inviting like-minded partners to join us.