Applications

- Embedded electronic circuit design and test
- Mechanical and electrical products design and analysis
- Education and research
- Product quality control
- Real-time signal display
- Product test, circuit function test

Features & Benefits

- Up to 100MHz bandwidth, 2GSa/s real time sampling rate
- 7 inches color TFT-LCD, 480*234
- 6 digits hardware frequency counter, real time counting display
- Internal storage : 2/4 reference waveforms, 20 setups, 20 waveforms
- 5 triggers functions : Edge, Pulse, Video, Slope, Alternative
- 4 saving types : Setup data, Waveform data, Interface bitmap, CSV file
- Digital Filter function, one key storing and one key printing function
- Interface : USB Host, which supports USB Flash driver storage and firmware upgrading, USB Device, which supports remote control and PictBridge printing, LAN, Pass/Fail

GENERAL SPECIFICATION : Model - SDS1104CFL

Bandwidth	100 MHz
Channels	4CH+1EXT/2CH+1EXT
Real time sampling rate	2GSa/s(half channel), 1GSa/s(each channel)
Equivalent sampling rate	50GSa/s
Memory depth	24Kpts(half channel), 12Kpts (each channel)
Rise time	<3.5ns
Input Impedance	1MÙ ∥ 13pF
Time base range	2.5ns-50s/div; scan : 100ms - 50s/div
Vertical Sensitivity	2mV - 5V/div (1-2-5 order)
Vertical Resolution	8 bit
Trigger Source	CH1, CH2, CH3, CH4, 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 (DC+ACPk-Pk), CAT I, CAT II
Internal storage	2/4 groups of reference waveform, 20 groups of settings, 20 groups of waveforms
External storage	Bitmap save, CSV save, Waveform save, Setting save
Interface	Double USB Host, USB Device, LAN, Pass/Fail
Display	7 inches color TFT-LCD (480 * 234)

Note: All Specification are Subject to change without prior notice.

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