



SDS1102X-E



GDS-1072B/GDS-1102B

Bandwidth	100MHz	✓	70/100MHz	✓
Analog channels	2CH	✓	2CH	✓
Max. real-time sample rate	1GSa/s	✓	1GSa/s	✓
Max. memory depth	14Mpts	✓	10Mpts	✗
FFT data	1Mpts	✓	1Mpts	✓
Waveform capture rate(Normal mode)	100,000 wfms/s	✓	50,000 wfms/s	✗
Max. waveform capture rate(Sequence mode)	400,000 wfms/s	✓	No support	✗
256-level intensity grading and color temperature display	support	✓	only 256-level intensity grading	✗
Horizontal	1ns~100s	✓	5ns~100s	✗
Vertical sensitivity	500uV~10V/div	✓	1mV~10V/div	✗
Sequence function	Support, minimum dead time low to 2.5μS	✓	No Support	✗
History function	Support, maximum of 80,000 frames can be recorded	✓	Support, maximum of 29,000 frames can be recorded	✗
Enhanced / high resolution mode	support	✓	No support	✗
Trigger type	Edge , slope, pulse width, window , Runt, Interval, Dropout, Pattern , video(support HDTV)	✓	Edge, Pulse Width(Glitch), Video, Pulse Runt, Rise & Fall(Slope), Alternate, Time out, Event-Delay(1~65,535 events),Time-Delay(Duration;4ns~10s)	✓
Serial trigger and decode	I <sup>2</sup> C, SPI, UART/RS232, CAN, LIN	✓	I <sup>2</sup> C, SPI, UART/RS232, CAN, LIN	✗
Auto measurement and statistics	Support 38 Types; 6 Types statistics info: value、mean、min、max、stev、num	✓	Support 36Types	✗
One key to clear trace(One key to return zero)	Support	✓	Support	✓
Vertical scale fine-tuning	Support	✓	No Support	✗
Input Impedance	1MΩ	✓	1MΩ	✓
Interface	USB Host& Device、LAN、AUX (Pass/Fail、Trigger Out)	✓	USB Host&Device、LAN、Pass/Fail	✓
Display	7 inch (800*480),8*14 grid display	✓	7 inch (800*480), 8*10 grid display	✓
Dimension	312(W)*150(H)*134(D)mm	✓	380(W)*208(H)*127.3(D)mm	✗