

**Oscilloscope's  
standard probes and  
other accessories**



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## Product Certification

SIGLENT certifies that this product complies with China's national product standards and industry product standards, and further certifies that this product complies with the relevant standards of other members of international standards organizations.

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## 1 SIGLENT oscilloscopes standard passive probe

Series	Model	Scope Bandwidth	Standard probes	Probe parameters
SDS7000A	SDS7804AP	8 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS7604AP	6 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS7804A H12	8 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS7604A H12	6 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS7404A H12	4 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS7304A H12	3 GHz	SP3150A 4 pcs	500 MHz, 10:1
SDS6000A	SDS6204A	2 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS6104A	1 GHz	SP3050A 4 pcs	500 MHz, 10:1
	SDS6054A	500 MHz	SP3050A 4 pcs	500 MHz, 10:1
SDS6000L	SDS6208L	2 GHz	SP3150A 8 pcs	500 MHz, 10:1
	SDS6108L	1 GHz	SP3150A 8 pcs	500 MHz, 10:1
	SDS6058L	500 MHz	SP3150A 8 pcs	500 MHz, 10:1
	SDS6204L	2 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS6104L	1 GHz	SP3150A 4 pcs	500 MHz, 10:1
	SDS6054L	500 MHz	SP3150A 4 pcs	500 MHz, 10:1
SDS5000X HD	SDS5108X HD	1 GHz	SP5150A 8 pcs	500 MHz, 10:1
	SDS5058X HD	500 MHz	SP5150A 8 pcs	500 MHz, 10:1
	SDS5038X HD	350 MHz	SP5150A 8 pcs	500 MHz, 10:1
	SDS5106X HD	1 GHz	SP5150A 6 pcs	500 MHz, 10:1
	SDS5056X HD	500 MHz	SP5150A 6 pcs	500 MHz, 10:1
	SDS5036X HD	350 MHz	SP5150A 6 pcs	500 MHz, 10:1
	SDS5104X HD	1 GHz	SP5150A 4 pcs	500 MHz, 10:1
	SDS5054X HD	500 MHz	SP5150A 4 pcs	500 MHz, 10:1
	SDS5034X HD	350 MHz	SP5150A 4 pcs	500 MHz, 10:1
SDS5000L	SDS5108L	1 GHz	SP5150A 8 pcs	500 MHz, 10:1
	SDS5058L	500 MHz	SP5150A 8 pcs	500 MHz, 10:1
	SDS5038L	350 MHz	SP5150A 8 pcs	500 MHz, 10:1
SDS5000X	SDS5104X	1 GHz	SP3050A 4 pcs	500 MHz, 10:1
	SDS5054X	500 MHz	SP3050A 4 pcs	500 MHz, 10:1
	SDS5034X	350 MHz	SP3050A 4 pcs	500 MHz, 10:1
SDS3000X HD	SDS3104X HD	1 GHz	SP3050A 4 pcs	500 MHz, 10:1
	SDS3054X HD	500 MHz	SP3050A 4 pcs	500 MHz, 10:1
	SDS3034X HD	350 MHz	SP3050A 4 pcs	500 MHz, 10:1
SDS2000X HD	SDS2354X HD	350 MHz	SP5050A 4 pcs	500 MHz, 10:1
	SDS2204X HD	200 MHz	SP5050A 4 pcs	500 MHz, 10:1
SDS2000X Plus	SDS2354X Plus	350 MHz	SP2035A 4 pcs	350 MHz, 10:1
	SDS2204X Plus	200 MHz	PP215 4 pcs	200 MHz, 1:1/10:1
	SDS2104X Plus	100 MHz	PP215 4 pcs	200 MHz, 1:1/10:1
	SDS2102X Plus	100 MHz	PP215 2 pcs	200 MHz, 1:1/10:1
SDS1000X HD	SDS1204X HD	200 MHz	PP215 4 pcs	200 MHz, 1:1/10:1
	SDS1202X HD	200 MHz	PP215 2 pcs	200 MHz, 1:1/10:1
	SDS1104X HD	100 MHz	PP510 4 pcs	100 MHz, 1:1/10:1
	SDS1102X HD	100 MHz	PP510 2 pcs	100 MHz, 1:1/10:1
SDS800X HD	SDS824X HD	200 MHz	PP215 4 pcs	200 MHz, 1:1/10:1
	SDS822X HD	200 MHz	PP215 2 pcs	200 MHz, 1:1/10:1
	SDS814X HD	100 MHz	PP510 4 pcs	100 MHz, 1:1/10:1
	SDS812X HD	100 MHz	PP510 2 pcs	100 MHz, 1:1/10:1
	SDS804X HD	70 MHz	PB470 4 pcs	70 MHz, 1:1/10:1
	SDS802X HD	70 MHz	PB470 2 pcs	70 MHz, 1:1/10:1
SDS1000X-E	SDS1204X-E	200 MHz	PP215 4 pcs	200 MHz, 1:1/10:1
	SDS1202X-E	200 MHz	PP215 2 pcs	200 MHz, 1:1/10:1
	SDS1104X-E	100 MHz	PP510 4 pcs	100 MHz, 1:1/10:1
SDS1104X-U	SDS1104X-U	100 MHz	PP510 4 pcs	100 MHz, 1:1/10:1
SDS1000CNL+/DL+	SDS1202DL+	200 MHz	PP215 2 pcs	200 MHz, 1:1/10:1
	SDS1102DL+	100 MHz	PP510 2 pcs	100 MHz, 1:1/10:1
	SDS1052DL+	50 MHz	PB470 2 pcs	70 MHz, 1:1/10:1
SDS1000CML+	SDS1152CML+	150 MHz	PP215 2 pcs	200 MHz, 1:1/10:1
	SDS1102CML+	100 MHz	PP510 2 pcs	100 MHz, 1:1/10:1
SHS1000X	SHS1202X	200 MHz	PB925 2 pcs	250 MHz, 10:1

	SHS1102X	100 MHz	PB925	2 pcs	250 MHz, 10:1
SHS800X	SHS820X	200 MHz	PP215	2 pcs	200 MHz, 1:1/10:1
	SHS810X	100 MHz	PP510	2 pcs	100 MHz, 1:1/10:1

- \* This list of standard passive probes only includes information related to SIGLENT's currently available product models.
- \* Due to differing configurations, SP3150A cannot be used interchangeably with SP3050A. SP3150A is compatible with the SDS7000A, SDS6000A, and SDS6000L series.

## 2 Oscilloscope's Logic probes and Waveform generator function

If you intend to use the logic channels and signal generator function of SIGLENT oscilloscopes, the purchase recommendations are as follows:

Series	16-channel logic probe	Built-in waveform generator	External waveform generator
SDS7000A	Purchase the SPL2016 hardware option	Yes, purchase the FG software option	-
SDS6000L	Purchase the SPL2016 hardware option	Yes, purchase the FG software option	-
SDS5000X HD	Purchase the SPL2016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS5000L	Purchase the SPL2016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS5000X	Purchase the SPL2016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS3000X HD	Purchase the SPL2016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS2000X HD	Purchase the SPL2016 hardware option	Yes, purchase the FG software option	-
SDS2000X Plus	Purchase the SPL2016 hardware option	Yes, purchase the FG software option	-
SDS1000X HD	Purchase the SLA1016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS800X HD	Purchase the SLA1016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS1000X-E (4CH)	Purchase the SLA1016 hardware option	Not support	Yes, purchase the SAG1021I hardware option
SDS1000X-E (2CH)	Not support	Not support	Not support
SDS1000X-C (2CH)	Not support	Not support	Not support
SDS1000X-U	Not support	Not support	Not support
SDS1000CNL+/DL+	Not support	Not support	Not support
SDS1000CML+	Not support	Not support	Not support

- \* The oscilloscope must be updated to the latest firmware version for use.
- \* If an oscilloscope is equipped with a built-in function generator (FG), when an external signal source (SAG1021I) is connected, the built-in function generator will automatically stop outputting, and only the external signal source (SAG1021I) will output waveforms.
- \* All oscilloscope series have non-isolated built-in sources. For power loop analysis, use the isolated SAG1021I or an additional isolation transformer for signal injection to resolve the common ground issue between the source and DUT.

## About SIGLENT

SIGLENT is an international high-tech company, concentrating on R&D, sales, production and services of electronic test & measurement instruments.

SIGLENT first began developing digital oscilloscopes independently in 2002. After more than a decade of continuous development, SIGLENT has extended its product line to include digital oscilloscopes, isolated handheld oscilloscopes, function/arbitrary waveform generators, RF/MW signal generators, spectrum analyzers, vector network analyzers, digital multimeters, DC power supplies, electronic loads and other general purpose test instrumentation. Since its first oscilloscope was launched in 2005, SIGLENT has become the fastest growing manufacturer of digital oscilloscopes. We firmly believe that today SIGLENT is the best value in electronic test & measurement.

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