

# LPA10 / TPA10

## Active Probe Adapter

Data Sheet  
DS60APA\_E01A



LPA10

TPA10

## Product Overview

SIGLENT's LPA10 / TPA10 are active probe adapters for using non-SIGLENT active probes on SIGLENT's oscilloscopes with the SAPBus interface.

The LPA10 is for adapting probes with LeCroy Probus interface and the TPA10 is for probes with Tektronix TekProbe interface level II.

The adapters provide all necessary power and offset control to the attached probes. No extra power supply is needed.

Probes with LeCroy Probus interface can be automatically detected by using the LPA10 and proper oscilloscope firmware. Once the probe is attached, the probe attenuation is automatically set by the oscilloscope.



## LPA10 Specifications

Oscilloscope Supported Probes	SDS5000X
AP033	0.9.1B2 firmware and later
AP034	0.9.1B2 firmware and later
ZD1000	0.9.3R3 firmware and later
ZD1500	0.9.3R3 firmware and later

**Note 1:** For Probus Probes not in the list the attenuation factor should be set manually.

**Note 2:** Probes not in the list have not been tested.

Specifications	
Bandwidth	4 GHz
Power Supplies	+12 V ( $\pm 2\%$ ), -12 V ( $\pm 2\%$ )



## TPA10 Specifications

Specifications	
Bandwidth	4 GHz
Power Supplies	+15 V ( $\pm 2\%$ , 100 mA), -15 V ( $\pm 2\%$ , 100 mA), +5 V ( $\pm 2\%$ , 200 mA), -5 V ( $\pm 2\%$ , 200 mA)
Offset Voltage	-1.2 V ~ +1.2 V to the probe. Multiply it by the attenuation factor of the probe to calculate the system offset range.



## 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.

### Headquarters:

SIGLENT Technologies Co., Ltd  
Add: Bldg No.4 & No.5, Antongda Industrial  
Zone, 3rd Liuxian Road, Bao'an District,  
Shenzhen, 518101, China  
Tel: + 86 755 3688 7876  
Fax: + 86 755 3359 1582  
Email: [sales@siglent.com](mailto:sales@siglent.com)  
Website: [int.siglent.com](http://int.siglent.com)

### USA:

SIGLENT Technologies America, Inc  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free: 877-515-5551  
Fax: 440-399-1211  
Email: [info@siglent.com](mailto:info@siglent.com)  
Website: [www.siglentna.com](http://www.siglentna.com)

### Europe:

SIGLENT Technologies Germany GmbH  
Add: Staetzlinger Str. 70  
86165 Augsburg, Germany  
Tel: +49(0)-821-666 0 111 0  
Fax: +49(0)-821-666 0 111 22  
Email: [info-eu@siglent.com](mailto:info-eu@siglent.com)  
Website: [www.siglenteu.com](http://www.siglenteu.com)

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