

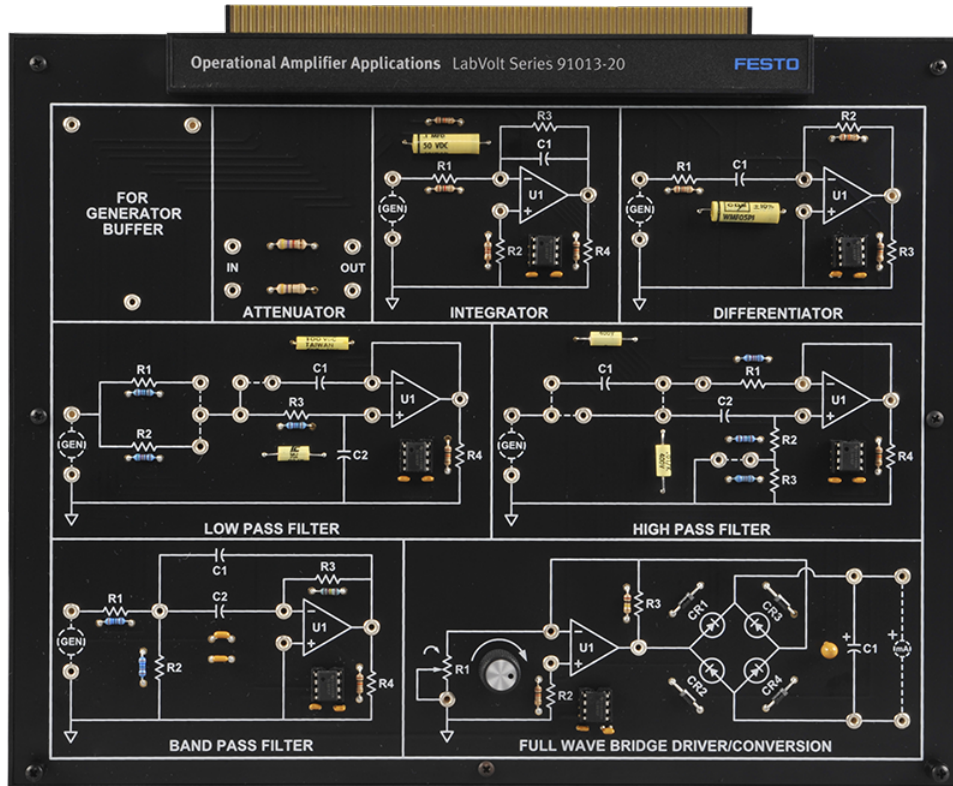
Operational Amplifier Applications

581021 (91013-20)

FESTO

LabVolt Series

Datasheet



* The product images shown in this document are for illustration purposes; actual products may vary. Please refer to the Specifications section of each product/item for all details. Festo Didactic reserves the right to change product images and specifications at any time without notice.

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General Description

The Operational Amplifier Applications module enables students to perform practical exercises that demonstrate applications of operational amplifiers.

The objective of this program is familiarization and skills training with the following circuits:

- Attenuator
- Integrator
- Differentiator
- Low- and High-Pass Filters
- Band-Pass Filters
- Full-wave Bridge Driver/Conversion
- Troubleshooting the modified configurations

This board is available in the following language variants:

- English variant: 91013-20
- French variant: 91013-21
- Spanish variant: 91013-22

Topic Coverage

- Component Location and Identification
- Band Pass Filter Operation
- Integrator and Differentiator
- Low Pass and High Pass Filter Frequency Response, Phase and Transient Response
- Band Pass Filter Operator, Frequency Response, Phase Response
- DC Characteristics of an Active Voltage to Current Converter
- AC Characteristics of an Active RMS or Average Calibrated Voltage to Current Converter
- Troubleshooting Basics and Troubleshooting Op Amp Circuits
- Troubleshooting Op Amp Circuits

Optional Manual(s)

Qty	Description	Model number
1	Operational Amplifier Applications (Workbook) _____	589700 (91572-P0) ¹
1	Operational Amplifier Applications (Workbook) _____	580745 (91572-Q0)
1	Operational Amplifier Applications (Workbook (Instructor)) _____	580747 (91572-R0)

¹ The manuals Operational Amplifier Applications, both the student manual and instructor guide, are also available in computer-based format.

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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