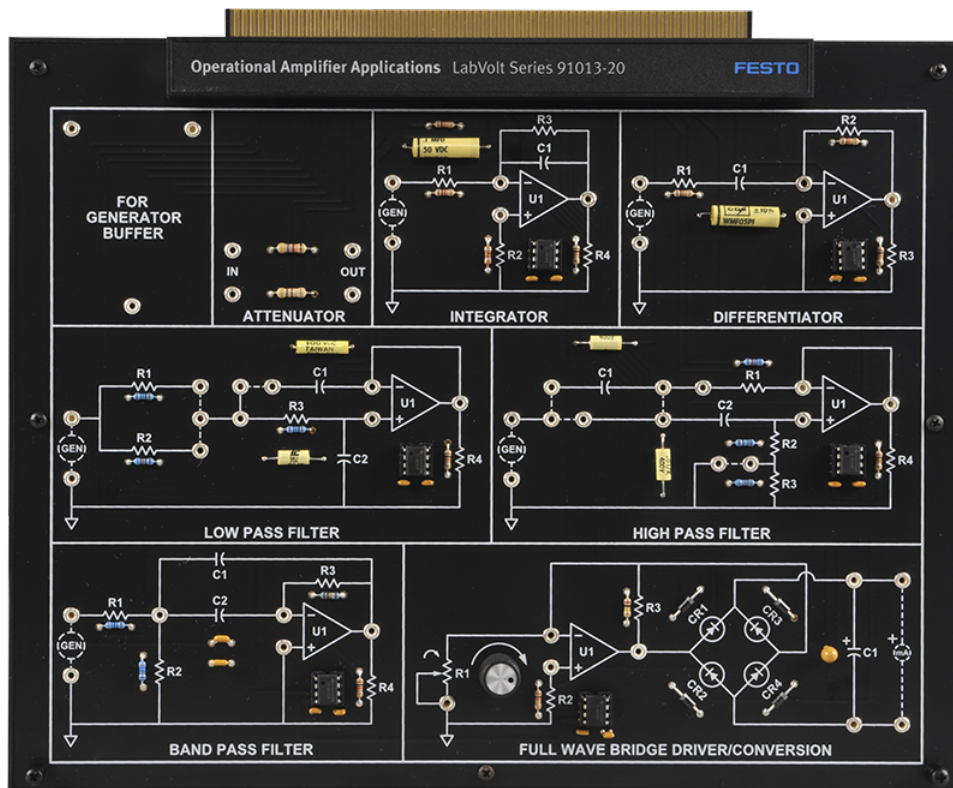


# Operational Amplifier Applications FACET Board 581021 (91013-20)

**FESTO**

LabVolt Series

Datasheet



Festo Didactic

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05/2025

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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

## 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

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**Festo Didactic SE**

Rechbergstrasse 3  
73770 Denkendorf  
Germany

P. +49(0)711/3467-0  
F. +49(0)711/347-54-88500

**Festo Didactic Inc.**

607 Industrial Way West  
Eatontown, NJ 07724  
United States

P. +1-732-938-2000  
F. +1-732-774-8573

**Festo Didactic Ltée/Ltd**

675 rue du Carbone  
Québec QC G2N 2K7  
Canada

P. +1-418-849-1000  
F. +1-418-849-1666

**[www.labvolt.com](http://www.labvolt.com)**

**[www.festo-didactic.com](http://www.festo-didactic.com)**