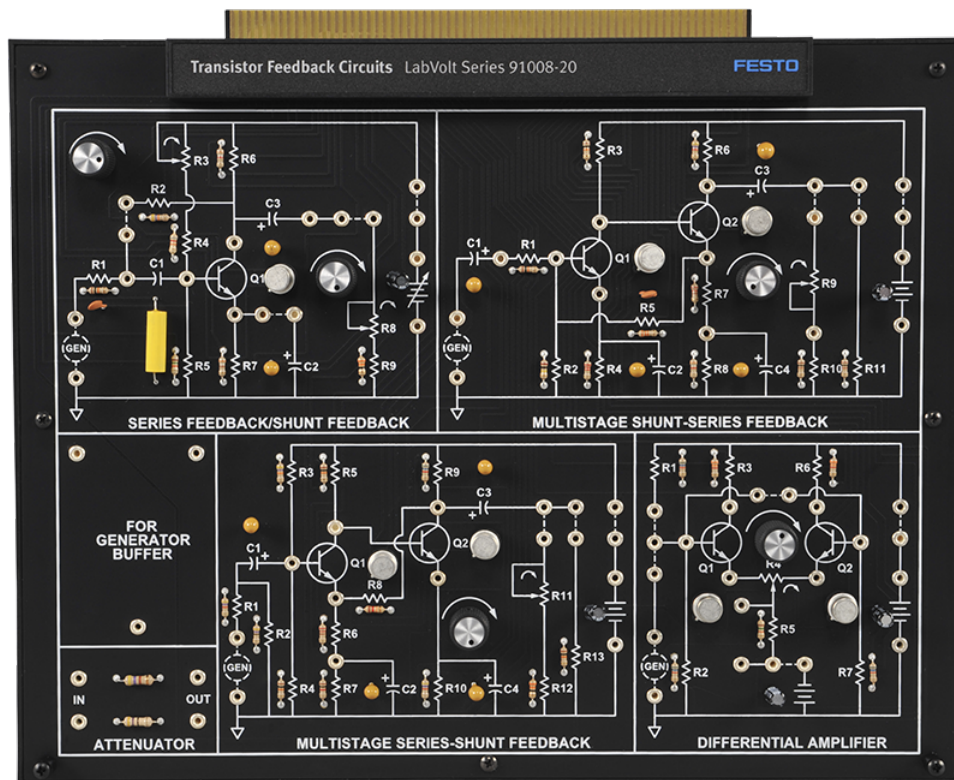


# Transistor Feedback Circuits FACET Board 580961 (91008-20)



LabVolt Series

Datasheet



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## General Description

The Transistor Feedback Circuits module enables students to perform practical exercises that demonstrate Transistor Feedback principles.

The circuits found on this board include:

- Series Feedback/Shunt Feedback
- Multistage Shunt-Series Feedback
- Attenuator
- Multistage Series-Shunt Feedback
- Differential Amplifier

## Topic Coverage

- Component Location and Identification
- Series Feedback Amplifier Operation
- Exploration of the Following Effects: Feedback on AC Gain, Negative Series Feedback on Bandwidth, Series Feedback on Input and Output Impedance, Shunt Feedback on AC Gain, Bandwidth and Input and Output Impedance
- Shunt-Series Multistage Amplifier Current Gain, Output Gain, Voltage Gain, Output Impedance
- Differential Amplifier Operation
- Single-Ended and Differential Gain Characteristics
- Common Mode Gain and Rejection Ratio
- Troubleshooting Basics and Troubleshooting Feedback Amplifier Circuits

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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**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)