

Transistor Feedback Circuits

580961 (91008-20)



LabVolt Series

Datasheet

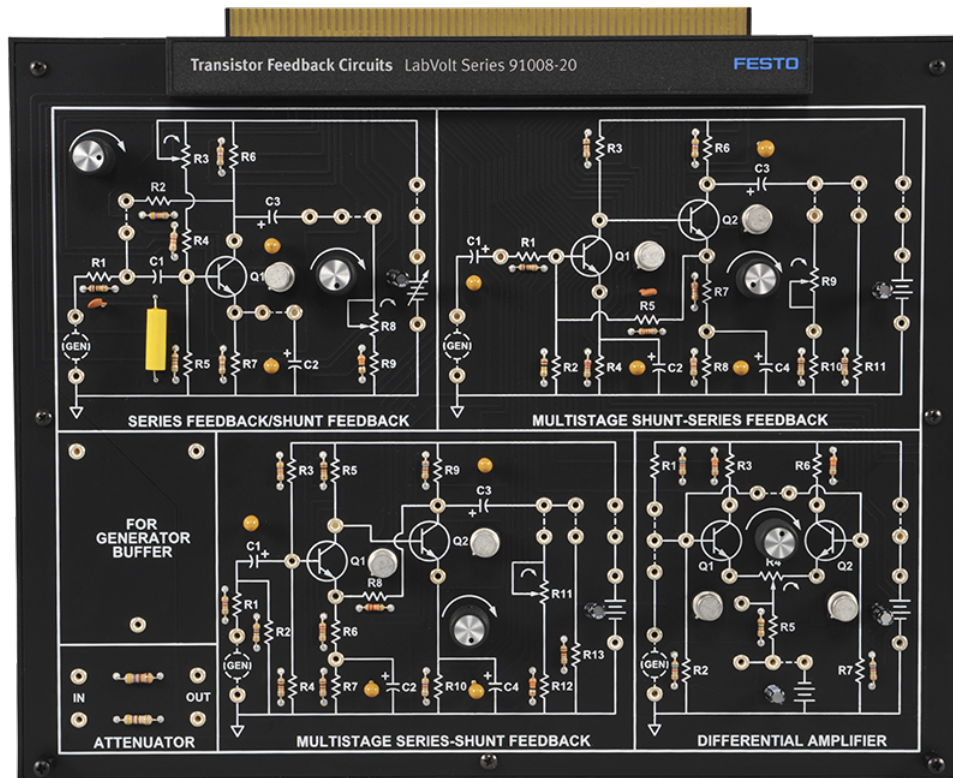


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General Description

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

This board is available in the following language variants:

- English variant: 91008-20
- French variant: 91008-21
- Spanish variant: 91008-22

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

Optional Manual(s)

Qty	Description	Model number
1	Transistor Feedback Circuits (Student Manual) _____	589696 (91567-P0) ¹
1	Transistor Feedback Circuits (Student Workbook) _____	580704 (91567-Q0)
1	Transistor Feedback Circuits (Instructor Guide) _____	580706 (91567-R0)

¹ The manuals Transistor Feedback Circuits, both the student manual and instructor guide, are also available in computer-based format.

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