

Transistor Amplifier Circuits

580937 (91006-20)



LabVolt Series

Datasheet

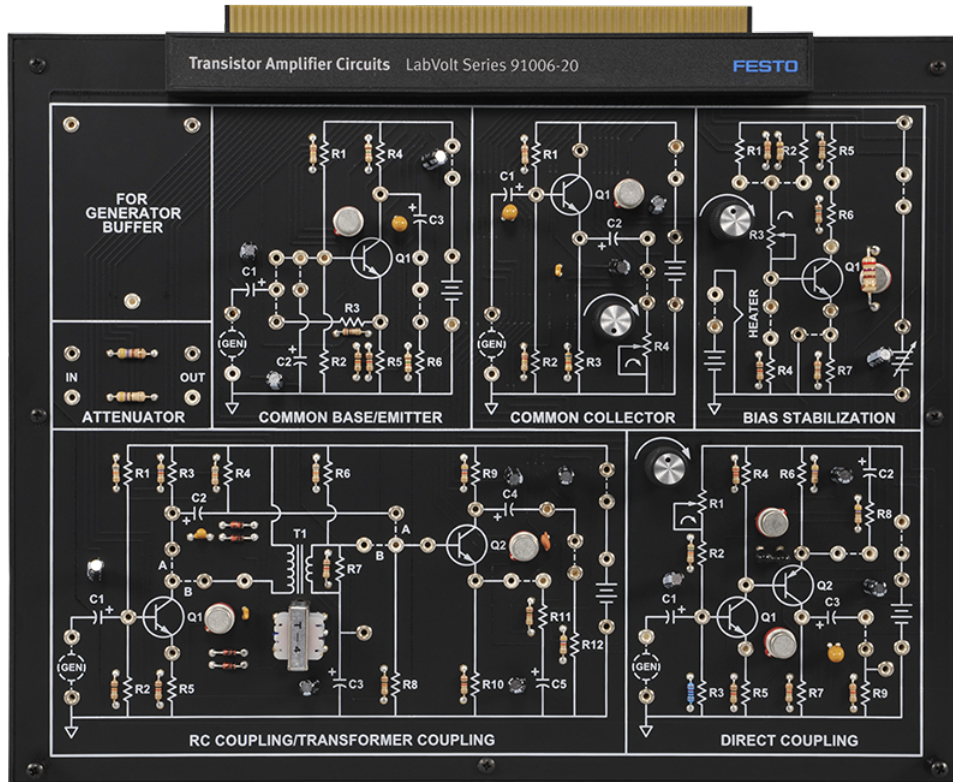


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General Description

The Transistor Amplifier Circuits module allows students to perform practical exercises that demonstrate transistor amplifier principles.

Students will identify and isolate faults within the following six circuit blocks:

- Attenuator
- Common Base/ Emitter
- Common Collector
- Bias Stabilization
- RC Coupling/ Transformer Coupling
- Direct Coupling

This board is available in the following language variants:

- English variant: 91006-20
- French variant: 91006-21
- Spanish variant: 91006-22

Topic Coverage

- Circuit Location and Identification
- Multistage Amplifier Introduction
- Common Base, Common Emitter and Common Collector Circuits AC/DC Operation
- Temperature Effect on Fixed Bias Circuit and Voltage Divider Bias Circuit
- Transistor Parameters Familiarization and Understanding the Specification Sheet
- RC Coupled Amplifier DC Operation, AC Voltage Gain and Phase Relationship, Frequency Response
- Transformer Coupled Amplifier AC/DC Operation, Frequency Response
- Direct Coupled Amplifier AC/DC Operation , Frequency Response
- Troubleshooting Basics and Troubleshooting Transistor Amplifier Circuits

Optional Manual(s)

Qty	Description	Model number
1	Transistor Amplifier Circuits (Student Manual) _____	580687 (91565-P0) ¹
1	Transistor Amplifier Circuits (Student Workbook) _____	580688 (91565-Q0)
1	Transistor Amplifier Circuits (Instructor Guide) _____	580690 (91565-R0)

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

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