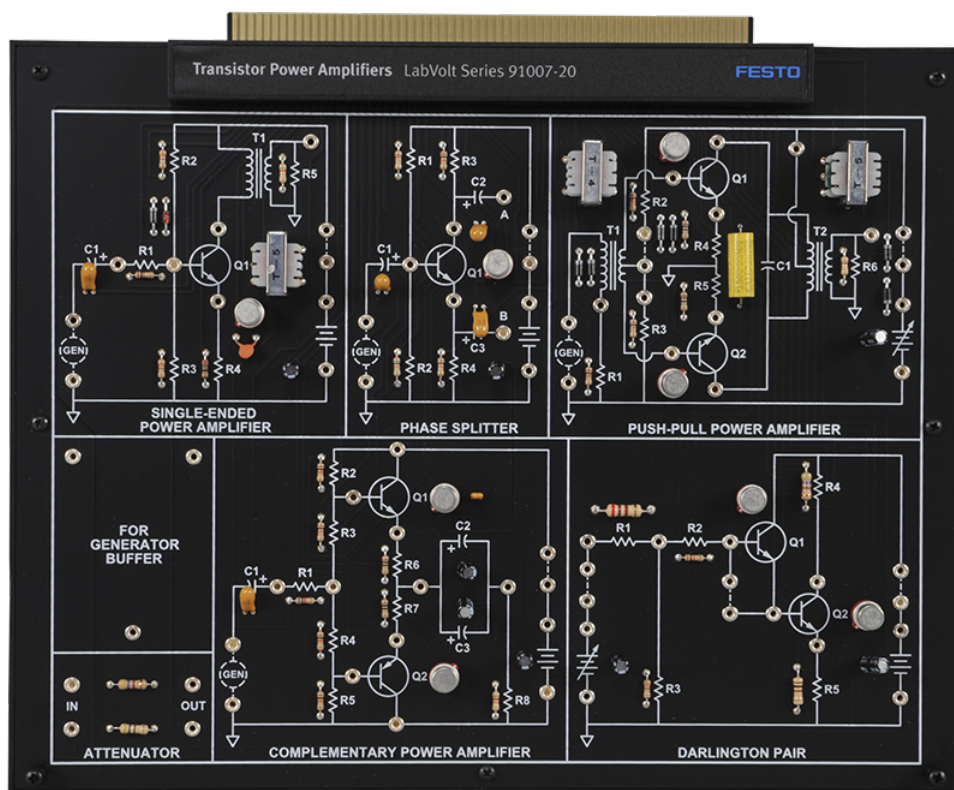


Transistor Power Amplifiers FACET Board 580949 (91007-20)



LabVolt Series

Datasheet



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General Description

The Transistor Power Amplifiers module is designed to teach troubleshooting of transistor power amplifier circuitry. Training on this board includes identifying and isolating the following circuits:

- Single-Ended Power Amplifier
- Phase Splitter
- Push-Pull Power Amplifier
- Attenuator
- Complementary Power Amplifier
- Darlington Pair

Topic Coverage

- Circuit Location and Identification
- Single-Ended Power Amplifiers: Introduction, DC Operation, AC Operation, Voltage Gain, Power Gain
- Phase Splitter DC Operation
- Voltage Gain and Input/Output Signal Phase Relationship
- Push-Pull Power Amplifiers: DC Operation, AC Operation, Voltage and Power Gain
- Complementary Power Amplifiers: DC Operation, AC Operation, Voltage Gain and Power Gain
- Darlington Pair Current Gain Characteristics, Input and Output Impedance
- Troubleshooting Basics and Troubleshooting Transistor Power Amplifiers

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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