Email : sales@scilabexport.com
Phone: +91-7082934803

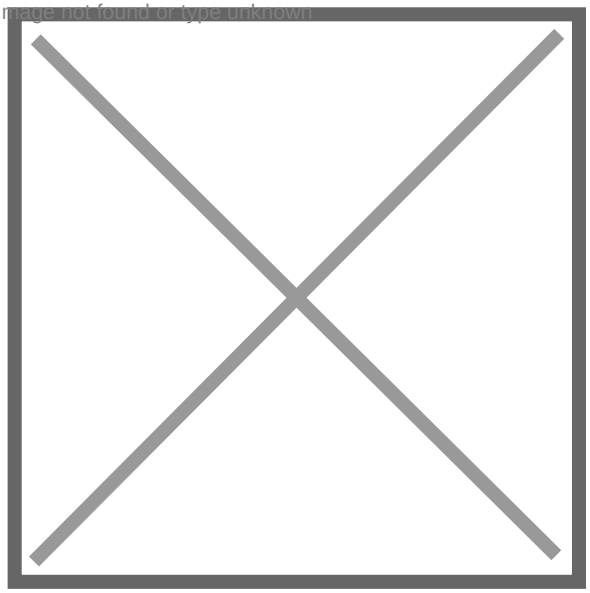
Product Name :

PNP Transistor

Product Code :

SCL-441/117

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Description :

PNP Transistor (Product Code: SCL-441/117) is a bipolar transistor of the PNP type used to teach switching, amplification and complementary circuit design in physics and electronics labs. It is offered in different values and is described as having fast switching speed and high power and current handling capability, which makes it useful for classroom practicals and student projects alike. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Type	PNP transistor
Values	Different values available
Switching	Fast switching speed
Listed features	Low error voltage; full-voltage operation; high power and currenthandling capability; advanced process technology
Product code	SCL-441/117
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the PNP Transistor Used For?

A PNP transistor conducts when its base is pulled lower than its emitter, so conventional current flows from emitter to collector. Students use it to compare characteristics with an NPN device, to build high-side switches that connect a load to the positive supply, and to understand push-pull output stages in which one PNP and one NPN transistor share the work.

Before wiring, check the pin order for the value supplied, because emitter, base and collector positions differ between transistor types. Connect the emitter towards the positive rail, include a base resistor, and use a multimeter's diode range to check the junctions if a transistor seems faulty. The same checks apply to every transistor used with an AC DC circuits experiment kit.

What to Specify When Ordering

- The transistor value from your circuit diagram or project parts list.
- Whether matching NPN transistors are needed for complementary or push-pull circuits.
- Pieces per bench, allowing a few spares for student wiring errors.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which supplies the PNP Transistor from Ambala, Haryana, to schools, colleges, polytechnics and component dealers in India and international markets. Buyers completing vendor registration can use the supplying company's details: CIN U29309HR2020PTC087597 and GSTIN 06AAECJ8618A1ZT. Learn more on the ScienceLab company profile.

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