

Product Name :

Stepper Motor Control Using IC SAA-1027 Power Electronics Lab
Trainer for Vocational Training and Didactic Labs

Product Code :

PEC-002-NE

**Description :**

Equipment for Education, Engineering and Vocational Training - Stepper Motor Control Using IC SAA-1027 Power Electronics Lab Trainer designed to study the various functions of a stepper motor. It can be interfaced with microprocessor trainer and personal computer. Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

To study various functions of Stepper Motor

Features:

The board consists of the following built-in parts:

01. DC Stepper Motor 4 winding torque 1.0 Kg-cm, step angle 1.8°, power 12V 0.2 Amp/ phase
02. Fast & slow selection switch
03. Forward & reverse selection switch
04. Free run & step selection switch
05. Microprocessor/ PC and on board selector switch built in option for microprocessor interfacing/ personal computer
06. IC regulated 12V DC at 500mA
07. Timer IC LM 555
08. Driver IC SAA-1027
09. Adequate nos. of other electronic components.
10. Mains ON/OFF switch, fuse & jewel light.
11. The unit is operative on 230V $\pm 10\%$ at 50Hz AC

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