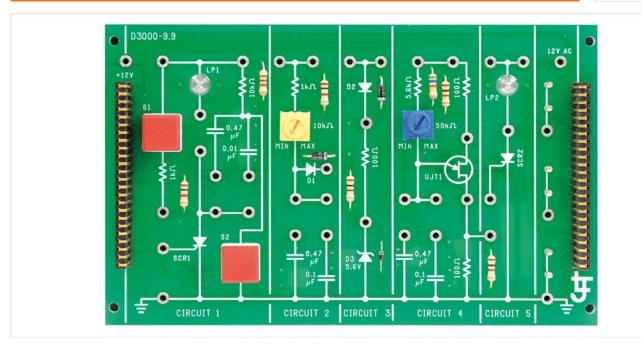
## **Product Information Sheet**

## **SCR Applications**





This electronics study card is designed to connect to the 409-01 Experiment Platform or to the 300-01/300-02 Advanced Electronics Experiment Platforms\* as part of a modular electronics programme.

This practical resource is divided into 5 distinct circuit areas, and enables the learner to explore SCR and UJT devices and their applications through a wide range of practical activities.

This resource is ideal for use within an intermediate electronics program.

The board can be also be used in conjunction with our optional cloudbased software, which offers online practical electronics tasks as well as interactive theory presentations, investigations, and assessments, which link directly to the practical activities carried out using this resource.

# Practical Tasks Include the Following:

- Silicon Controlled Rectifier
- Capacitor Commutation of an SCR Circuit
- AC Applied to an SCR
- UJT Oscillator
- UJT SCR Control
- Troubleshooting an AC Phase Control Circuit
- The Triac and Diac

#### Items Included:

- Circuit Card
- Storage Case
- Manuals in PDF Format on CDROM

## Other Items Required:

- 490-01 Experiment Platform
- Digital Multimeter
- Dual Trace Oscilloscope
  - or
- 300-02 Advanced Electronics Experiment Platform
- 409-02 Experiment Card Motherboard

### General Information:

Dimensions: 50 x 238 x 175 mm (W, H, D) Shipping Volume: Approx 0.002 m<sup>3</sup> Shipping Weight: Approx 0.35 kg

\* Note: to connect to 300-01, 300-02, D3000 EXP or D3000 VIP2 you will also need a 409-02 Experiment Card Motherboard.

## Order Code: 419-09

P8546-A

For more information visit www.ljcreate.com