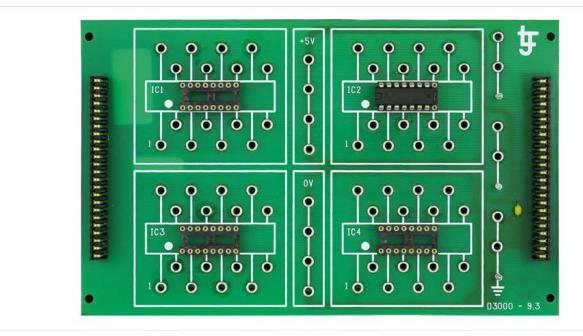
Product Information Sheet

Further Digital Devices





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 introduces students to more advanced digital electronics through a wide range of practical activities.

This module provides a patching board and IC component set that allows students to explore a range of more complex digital devices. This resource is ideal for use within an intermediate electronics program.

The board can be also be used in conjunction with our optional cloud-based 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:

- Decoder and Encoder
- Multiplexer and Demultiplexer
- Magnitude Comparator
- Adders
- Three-State Logic Circuits
- J-K Flip-Flop
- D-Type Flip-Flop
- Shift Registers
- Binary Counters
- Analog Switch
- Counters and 7-Segment Decoders

Items Included:

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

Other I tems Required:

- 490-01 Experiment Platform
- Digital Multimeter

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 m³ Shipping Weight: Approx 0.35 kg

Order Code: 419-03

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