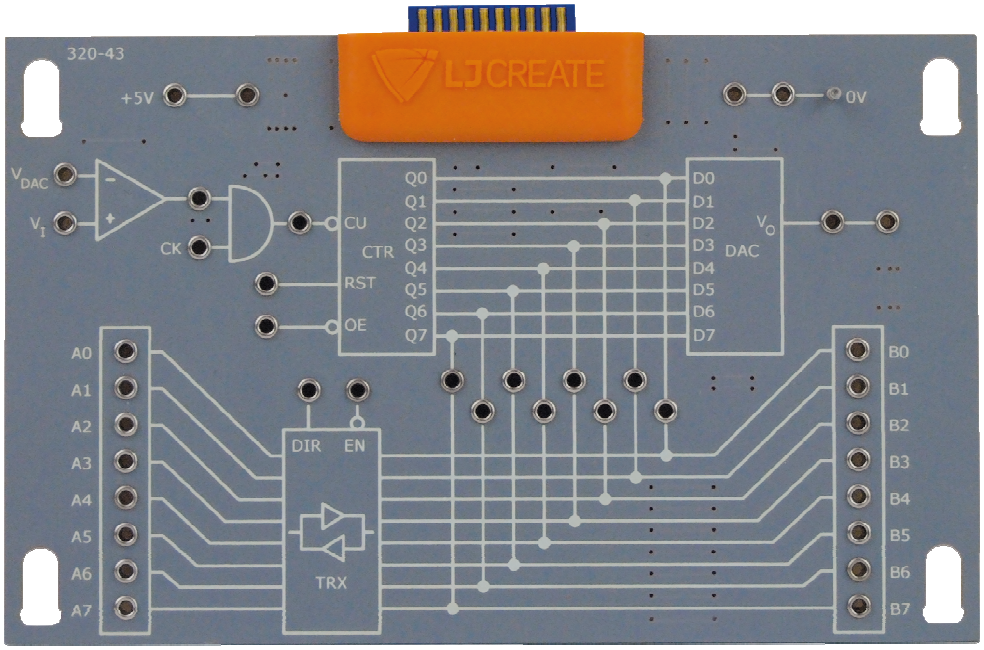
Product Information Sheet

320-43 A/D – D/A Digital Systems



This practical resource introduces students to digital-to-analogue (D/A) conversion, analogue-to-digital (A/D) conversion and bus control through a range of practical activities.

The card is designed for use with the 320-00 Electronics Study Trainer.

Practical activities based around this card are provided on the digital curriculum disk provided with the trainer.

The card may also be used with our optional cloud-based software. This contains theory presentations, investigations, and assessments, which link directly to the practical activities carried out using this resource.

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The Card Includes the Following:

- D/A converter
- Binary counter
- AND gate
- Voltage comparator
- Bi-directional tri-state bus transceiver
- Switched faults for fault-finding activities

Practical Tasks Include the Following:

- Investigating a D/A converter
- Building and testing an A/D converter
- Tri-state devices and data access
- Testing and fault-finding A/D and D/A systems

Items Included:

- Circuit Card

Other Items Required:

- 320-00 Electronics Study Trainer
- Digital Multimeter (DM1 or similar)

General Information:

Card Dimensions:
160 x 100 x 20 mm (W, H, D)

Packaging:
Orders for multiple 320-series cards are shipped in storage boxes.

Shipping Volume:
Single card: 0.001 m^3
Storage box: 0.015 m^3

Shipping Weight:
Single card: 0.2 kg
Storage box: 0.5 kg

Please contact LJ Create for estimated shipping volume and weight for your specific order requirements.

Order Code: 320-43

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For more information visit www.ljcreate.com