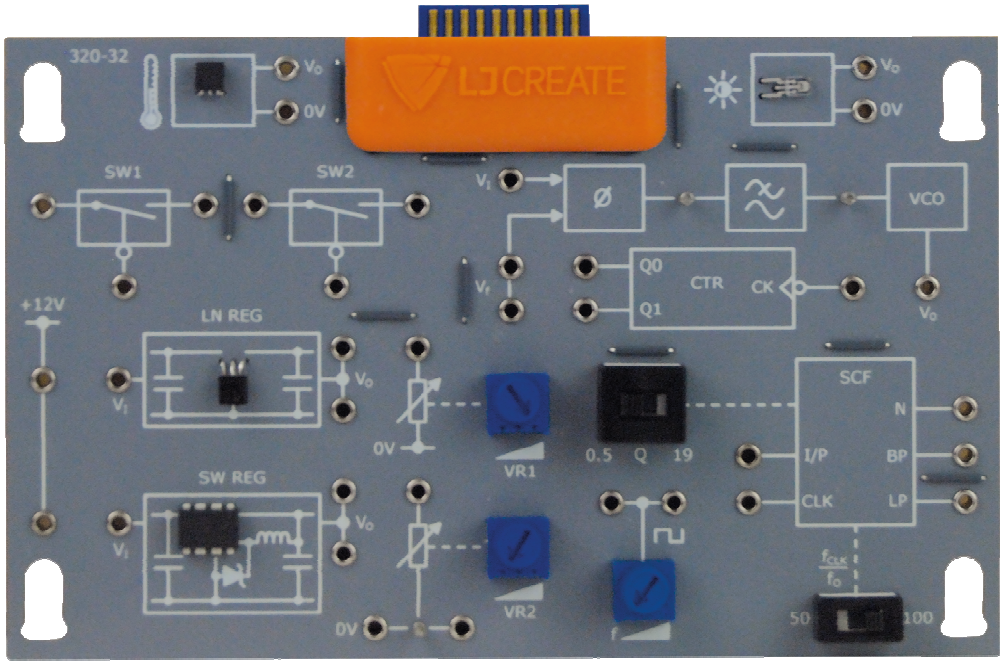
Product Information Sheet

320-32 Analog Integrated Circuits Card



This practical resource allows students to investigate a variety of analogue integrated circuits 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.

The Card Includes the Following:

- Thermal sensor IC
- Optical sensor IC
- Linear voltage regulator
- Switch mode voltage regulator
- Switched capacitor filter
- Phase locked loop (PLL)
- Analogue switches
- Switched faults are included for fault-finding activities.

Practical Tasks Include the Following:

- Investigating IC sensors
- Comparing linear and switch mode voltage regulators
- Testing a switched capacitor filter
- Investigating the operation of a phase locked loop
- Using analogue switches
- Fault-finding analogue integrated circuits

Items Included:

- Circuit Card

Other Items Required:

- 320-00 Electronics Circuits Trainer
- Digital Multimeter (DM1 or similar)
- Dual Trace Oscilloscope (OSC1 or similar)

General Information:

Card Dimensions:
160 x 100 x 25 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: 320-32

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For more information visit www.ljcreate.com