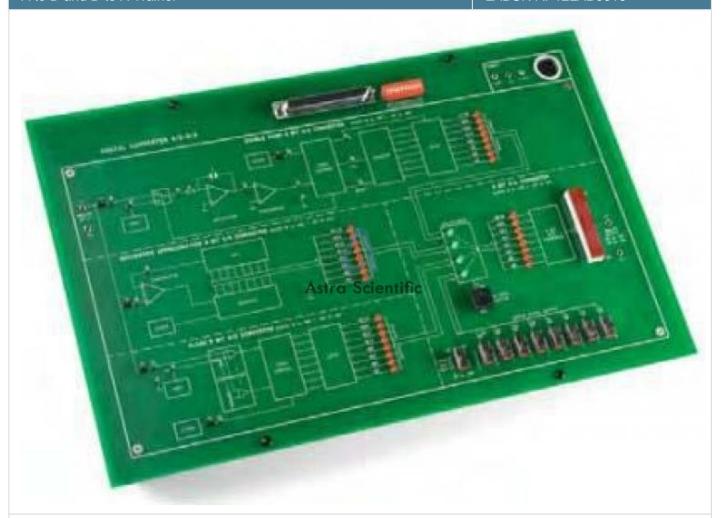
Phone: +91-8860605265 Email: info@astrascientific.com

Product Name :A to D and D to A Trainer

Product Code: LABUK-AP12LAB0016



Description:

A to D and D to A Trainer

Technical Specification:

Experiment Board for the study of analog to digital and digital to analog conversion circuits.

Apart from the digital component related to the two types of conversion, the analog component present in the conversion processes is also analyzed.

It would contain all the pre-assembled electronic component needed to construct the experiment circuit and divided into functional circuit blocks which can be interconnected and modified by means of supplied

Phone: +91-8860605265 Email: info@astrascientific.com

jumpers and connection cables.
Characteristics of analog-to-digital conversion: Sampling, quantization, sample and hold conversion time, errors.
A/I converter with double-ramp input signal integration for a constant time, impulse number count proportional to the input voltage.
AD converter chronometer Signal generator, sequential logic device at
output lines analog/digital converter at 'n' bit.
A/D Flash converters :
Comparison between input analog value and fixed ones, control logic, analog digital converter at "n" bit; D/A converter, Comparison between different A/D converters based on the input frequency signal; Selection of the conversion type according to the application.
Printed circuit board with protective treatment and mimic diagram Input range: switchable between and-8V-8V 0-8V
Output range: switchable between 0-8V and-8V-+8V
LED display for digital signals

Phone: +91-8860605265

Email: info@astrascientific.com

Digital values con1figuration by means of switches	
Bar LED display for analog signals 2 mm sockets for test points and connections Jumpers for quick circuit modification 37-pin connector for Interface	
Control Unit S1S3-U/EV	
8-pin connector for Power Supply	
Unit PSLC/EV	
Power supply for the Trainer Board	
Computer interface	
Warranty for 3 years.	
Provided with operational manual.	

Phone: +91-8860605265

Email: info@astrascientific.com

www.astrascientific.com, Email: info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 Phone: +91-8860605265



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