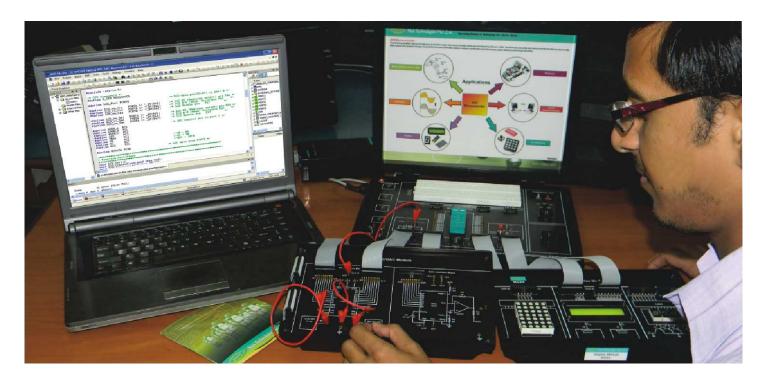
ADC/DAC module MCO2



ADC/DAC module MC02 enables the students and practicing engineers to gain invaluable practical experience on the principles and applications of microcontroller. The object is to have a clear understanding of how analog inputs are converted into digital through Microcontrollers and vice versa. ADC/DAC module, MC02 has inputs and outputs terminals for connection to external real world applications.

Features

- ▶ 8 Input 8 channel ADC interface
- **▶ DAC interface**
- ▶ PC based programming
- Expansion connectors for plug in with Microcontroller unit and prototyping area
- ▶ Every pin is marked in order to make the work easier
- ► Input/Output & test points provided on board
- **▶** Online Product Tutorial
- ▶ 1 Year Warranty

Note:

- ➤ This module is compatible with Scientech 620X Series and Nvis 5001A/2/3/4A/5 Series Microcontroller development platform.
- ▶ To run MC02 experiments, MC04 module is required.

Scope of Learning

- Study of ADC interfacing
- Study of DAC interfacing
- Study of timing and control signals of ADC and DAC
- ▶ Pin to pin study of ADC and DAC

Technical Specifications

ADC : ADC0808 DAC : DAC0808

Power Supply : From Scientech 620X Series and

Nvis 500X Series Microcontroller

development platform

Interface : 20 pin FRC cable

Test points : 36 nos

Dimensions (mm) : W 250 x D 150 x H 80

Weight : 280 gms (approx.)

Product Tutorial : Online on www.Nvistech.com

Included Accessories:

Patch cord : 5 nos.

An ISO 9001: 2008 company

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