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

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.

Subject to change - Version 2.0