



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.

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