Display module

Display module MC04 is a learning platform to study the working of displays used for industrial applications. MC04 has been designed to demonstrate the applications of Nvis Microcontroller development platforms. The object is to connect and program a Microcontroller to display data and monitoring. Contrast and backlight control are provided on the module.

Features

16 x 2 character LCD interface

Seven segment display interface

LED bar graph interface

PC based programming

Expansion connectors for plug in with Microcontroller unit and prototyping area

Every pin is marked in order to make the learning easier

Input/Output & test points provided on board

Exhaustive Learning Material

2 Year Warranty

Note : This module is compatible with Nvis NV50XX series.

Scope of Learning

- Study of implementation, analysis and interfacing of LED bar graph
- Study of analyze the interfacing of 16 x 2 character LCD
- Study of implementation, analysis and interfacing of seven segment display

Technical Specifications

Display	:	16 x 2 character LCD
Contrast control	:	0 - 5 V (Variable)
Backlight control	:	0 - 5 V (Variable)
Seven segment display	:	4 nos.
LED bar graph	:	1 no.
Interface	:	20 pin FRC cable
Test points	:	32 nos (Gold plated)
Power Supply	:	From Microcontroller development platform NV50XX series
Dimensions (mm)	:	W 250 x D 150 x H 80
Weight	:	380 gms approximately
Learning Material	:	CD (Theory, procedure, reference results, etc), Online (optional)

Included Accessories :

Learning material (CD)	:	1 no.

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Subject to Change,

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