



Graphical display module MC09 helps the user to gain invaluable practical experience of the principles and application of Graphical LCD display in Microcontroller based projects.

The object is to connect and program a Microcontroller to display data, images and monitoring.

Graphical display module MC09 is generally used in the applications such as temperature monitoring, Industrial automation, outdoor moving sign, video wall and many more. We give a contrast control and backlight control on the module.

Features

- **128 x 64 Graphical LCD display 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**
- **On Board Contrast and Backlight Control**

Note :

- This module is compatible with Sciencetech 620X Series and Nvis 5001A/2/3/4/4A/5 Series Microcontroller development platform.
- To run MC09 module with Nvis 5004, Add-on board is required.

Scope of Learning

- Study of interfacing graphical LCD

Technical Specifications

Display	:	128 x 64 graphical LCD display
Power Supply	:	From Sciencetech 620X Series and Nvis 500X Series
Microcontroller	:	development platform
Interface	:	20 pin FRC cable
Test points	:	15 nos.
Dimensions (mm)	:	W 255 x D 155 x H 80
LCD outline Dimensions (mm):	:	W 93 x D 13.5 x H 70
Weight	:	380 gms (approx.)