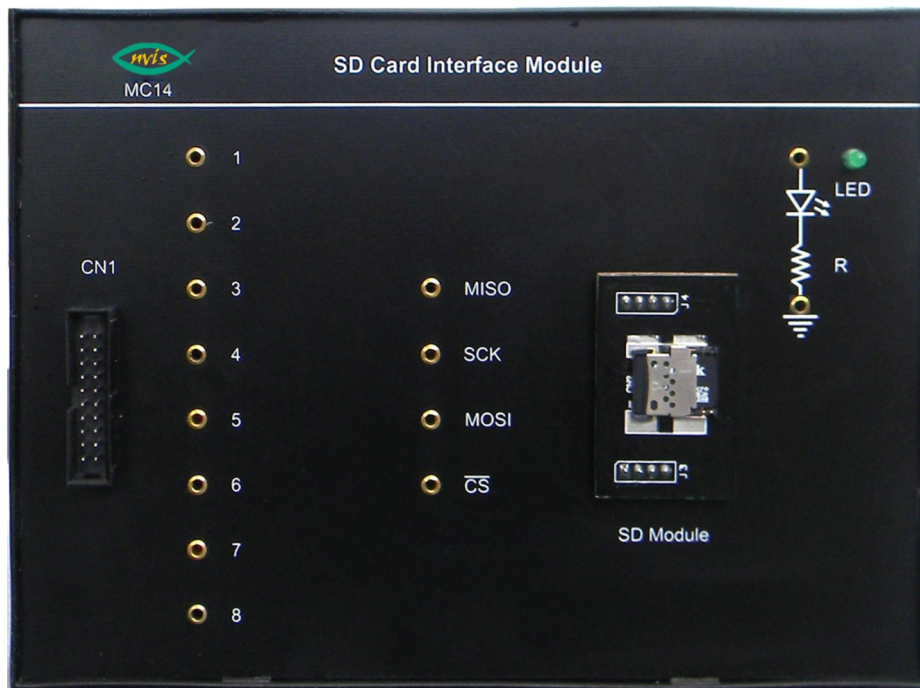# SD Card Interface module
MC14

Nvis Technologies SD card interface module, MC14 is an extension module for Nvis Microcontroller development platforms.The object is to have a clear understanding of how Industry Standard SPI communication based SD card can interface and controlled with Microcontroller.

What if you require additional memory than Microcontroller's EEPROM? We have got a solution for you. The MC14 - SD Card interface module features an SD card slot for MicroSD cards used as a mass storage device. SD Card Interface module, MC14 has input and output terminals for connection of external real world applications. We can use it in storing data, music, text files, videos and more.

SPI interface ensures high data rates with simple communication protocol.

Features

- PC Based programming
- Expansion connectors for plug in with Microcontroller unit and prototyping area
- Every pin is marked in order to make work easier
- Input/output points provided on board

Note :

- This module is compatible with Scientech 620X Series and Nvis 5002/3/4A Series Microcontroller development platform.
- To run MC14 with Nvis 5002 additional "MC14 Nvis 5002" module and earphone are required.
- To run MC14 with Nvis 5003 additional "MC14 Nvis 5003" module are required.

Scope of Learning

- Study of Micro SD card interfacing
- Industry Standard SPI communication interface

Technical Specifications

Logic Level	:	3.3 V & 5 V
Power Supply	:	From Scientech 620X Series and Nvis 500X Series Microcontroller development platform
Interface	:	20 pin FRC cable
Dimensions (mm)	:	W 175 x D 130 x H 28
Weight	:	280 gms (approx.)
Included Accessories :		
Patch cord	:	5 no.