Computer Interface module

MC03

Computer Interface module MC03 is an extension module for Nvis Microcontroller development platforms. The module has been designed to have a clear understanding of how serial port and USB port interfaced devices are controlled and interfaced with Microcontroller. The MC03 is connected with Microcontroller unit and PC. The computer interface module is made in such a way that a student can understand the whole concepts of serial and USB port and also how they are interfaced with Microcontroller.

Features

- RS 232 interface using Rx / Tx of MCU for uploading /downloading
- FT232 interface & communicate with MCU serial to USB with computer
- 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

Scope of Learning

- Study the Basics of serial communication and MCU connections to serial port
- Study of MCU connections to USB port
- Study of Synchronous and Asynchronous serial communication
- Study of Programming and Transmission of data through serial port
- Study of Programming and reception of data through serial port
- Study of Programming and reception of data through USB port

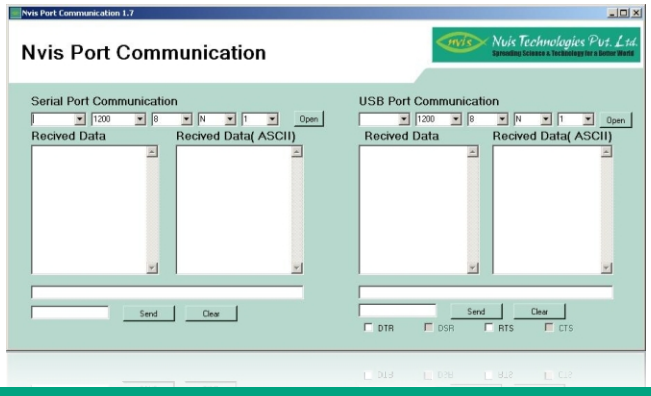
Technical Specifications

Serial Communication	:	RS232 Port (DB9)
USB Communication	:	FT232 (USB port)
Baud rate	:	Configurable (Default 9600)
Power Supply	:	From Scientech 620X Series and Nvis 500X Series Microcontroller development platform
Interface	:	20 pin FRC cable
Test points	:	6 nos.
Banana socket	:	18 nos
Dimensions (mm)	:	W 250 x D 150 x H 80
Weight	:	320 g (approx.)
Product Tutorial	:	Online on www.Nvistech.com

Included Accessories

Serial cable DB 9	: 1 no.
USB cable Type A to B	: 1 no.
Patch Cods	: 6 nos.

Note: This module is compatible with Scientech 620X Series and Nvis 5001A/2/3/4A/5 Series Microcontroller development platform.



Subject to change - Version 2.0

Designed and Manufactured in India by -

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