



Motor Drive module MC05 is an extension module for Nvis Microcontroller development Platforms. MC05 has been designed to provide a clear understanding of how motors are interfaced and controlled with Microcontroller. The Motor Drive module is made in such a way that student can understand the detailed concepts of Stepper Motor, DC Motor, and Servo Motor system.

Features

Stepper Motor interface

DC Motor interface

Servo Motor interface

Expansion connectors for plug in with Microcontroller unit and prototyping area

Every pin is marked in order to make learning easier

Input/Output & test points provided on board

Exhaustive course & reference material

2 Year Warranty

Note : This module is compatible with Nvis NV50XX series.

Scope of Learning

- Study of Stepper Motor interfacing and its Direction and Angle Control
- Study of DC Motor interfacing and its Direction Control
- Study of Servo Motor interfacing and its Angle Control
- Study of PWM concept

Technical Specifications

Stepper Motor	: +5 V
DC Motor	: +12 V
Servo Motor	: +5 V
Interface	: 20 pin FRC cable
Test points	: 13 (Gold plated)
Power Supply	: From Microcontroller development platform NV50XX series
Dimension (mm)	: W 255 X D 155 X H 80
Weight	: 660 gm approximately
Learning Material	: CD (Theory, procedure, reference results, etc.) Online (optional)
Included Accessories :	
Patch cord	: 1 no.
Learning material (CD)	: 1 no.

Designed & Manufactured by :
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