Description

MC-8600 facilitates the students in getting acquainted with practical knowledge and issues of micro controller interfacing with different applications/modules. It's single station solution for learning, as it provides almost all commonly used applications mounted on board, and ready to get interfaced with microcontroller.This enables students to perform experiments on major microcontroller platforms namely AVR, PIC and 8052.

1 Year Warranty

Experiments

The learning pathway is designed in modular form. Each module consists vof operation theory with examples followed by practice projects.

- Familiarization with MC-8600
- Data I/O Modules
- Display Modules
- Interrupt and Timers Module
- Serial Interface Module
- Analog Peripherals Module
- Programmable peripheral interface
- Motion Control Module
- PID Controller Module

Optional Architectures
- ATMEL 89S5X Series
- MICROCHIP PIC18FXX Series
- ATMEL AVR Series

Features

- Onboard ISP Programer
- Graphical LCD128×64
- Character LCD16×2
- Seven Segment Display 4 Digits
- 8 Bit LED's and Switches Array
- Numeric Key Pad 4×4
- Serial I²C (Inter-Integrated Circuit) EEPROM and RTC
- A/D and D/A Converter
- DC Motor Drive
- Servo Motor Drive
- Temperature Control System
- RS-232/485 Interface
- Interrupt Source
- Modular Plug in Type Structure
- 2mm banana pin interconnects
- USB Programmer
- Power Supply ±12V, ±5V