

M O D U L E

DSM-3090 8051 Microcontroller Training & Development Module



The DSM-3090 is a special card based on the 8051 (one of the most popular microcontroller in the world) that to cover the following:

- A training system for the 8051 microcontroller.
- A training system for assembly language and embedded controller systems.
- A training system for C language for 8051 embedded controller systems.
- An 8051 embedded controller project card.

The DSM-3090 comes with complete self-studying and exercising books that cover the microcontroller principles, assembly language programming and C language programming.

Includes:

- A microcontroller 8952 (a powerful member of the 8051 family) including internal timers, interrupt lines, internal ports and UART for serial communication
- An 8K EEPROM for the user programs that can run independently
- Voltage regulator for the included 9V/400mA power supply
- Simple input port with 8 switches
- Simple output port with 8 LEDs
- BUS and port wiring points
- PC communication interface and cable
- Expansion breadboard for the user applications
- SES51C software with editor, 8051 assembler, 8051 C compiler and debugger
- Theory and exercise books:
 - 'Principles of Microcontrollers with the 8051 ñ Study and Practice'
 - 'C Programming for Embedded Controller Systems'
 - 'DSM-3090 User Manual'

