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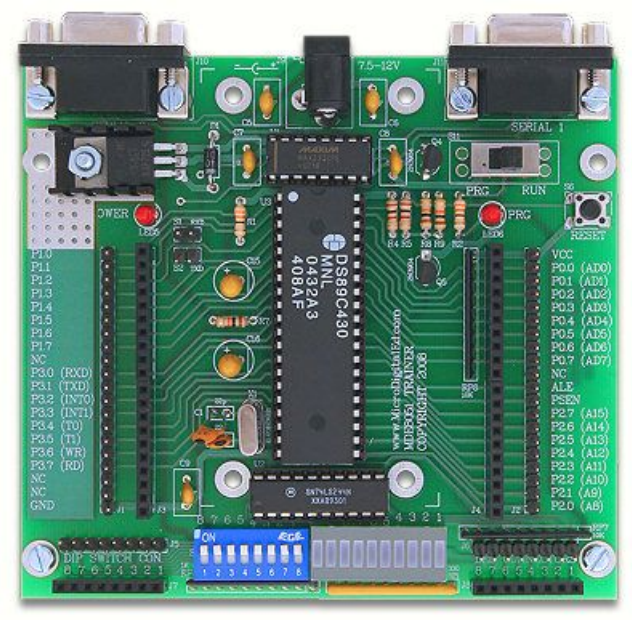
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Find the *MicroDigitalEd MDE 8051* at our website: *Click HERE*

MDE 8051 Trainer

MDE 8051 uses the DS89C4xx chip



How to program the MDE 8051
How to program the MDE 8051 using Tera Term
How to purchase the MDE 8051
Sample code in Assembly and C

Some of the feature of the MDE 8051:

- Serially programmable (Using PC Hyperterminal, no need for external EPROM burner)
- Dual serial ports
- Integrated Digital I/O (8 Switches & 8 LEDs)
- All ports accessible via terminal blocks
- Onboard power supply

Some of the major Features of DS89C4xx used in our MDE 8051 Trainer:

- 80C52 Compatible
  - 8051 Pin- and Instruction-Set Compatible
  - Four Bidirectional I/O Ports
    - (Our MDE 8051 Trainer has them accessible via Terminal Block and male connector)
  - Three 16-Bit Timer Counters
  - 256 Bytes Scratchpad RAM
- On-Chip Memory
  - 16kB Flash Memory
  - In-System Programmable through Serial Port
    - (No need for EPROM burner. Use PC COM port to download your program using MS Windows HyperTerminal)
  - 1kB SRAM for MOVX
- ROMSIZE Feature

    - Selects Internal Program Memory Size from 0 to 16k
    - Allows Access to Entire External Memory Map
- High-speed architecture
    - 1 clock-per-machine cycle
    - DC to 33MHz operation
        - (Our MDE 8051 Trainer has 11.0592 MHz Crystal)
- Two full-duplex serial ports
    - (Our MDE 8051 Tainer has two DB connectors for them)
- Programmable watchdog timer
- 13 interrupt sources (six external)

To see more on the DS89C4xx go to:
http://www.maxim-ic.com/quick_view2.cfm/qv_pk/2963

You can purchase the Trainers at http://www.elexp.com

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