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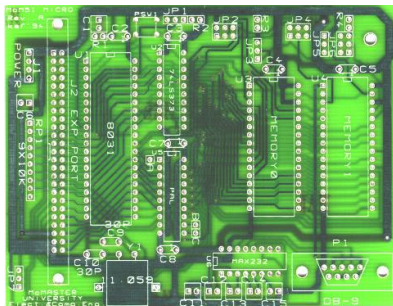
Digital Systems Laboratory

This laboratory hosts equipment and learning sessions for students enrolled in undergraduate courses: Comp Eng 2DI4, Comp Eng 3HB3, Comp Eng 3HC3, Comp Eng 4HD3 and undergraduate theses (EE4J4, Comp Eng 4J4). A variety of development and test equipment is available for designing and prototyping digital systems. Support for several microprocessors, microcontrollers, DSP's, FPGA's and other programmable logic is available.

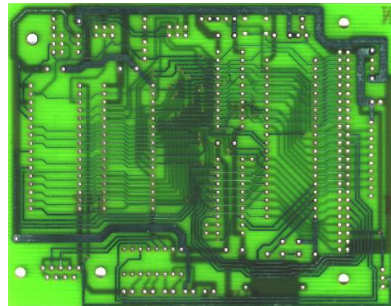
Emergency Laboratory Telephone: Ext. 27395

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MCM51 - 8051 Microcontroller Kit



Component Side



Solder Side

[circuit diagram \(.pdf file\)](#)

[memory map \(.pdf file\)](#)

[Monitor information \(.pdf file\)](#)

[Jumper settings \(.pdf file\)](#)

[How can I purchase one ?](#)

Some 8051 information sources:

[8051 FAQ](#)

[Philips Microcontrollers Designer Corner](#)
[IEEE Micromouse using 87C751 Microcontroller](#)

On-line data sheets (pdf and html files):

[GAL16V8](#)
HP2416 displays
[2114A SRAM](#)
[2732A EPROM](#)
21464 DRAM
[74138 3:8 line Decoder](#)

[Chip Directory](#)
[Intel on-line](#)
[Lattice Synario Tutorial \(.pdf file\)](#)
[Stanford's EE/CS Mother Site - a starting point for searching for EE and Computing information !](#)

Manufacturer's Web sites:

[Altera](#)
[AMD](#)
[Atmel](#)
[Cypress](#)
[Dallas](#)
[Electrosonic](#)
[Harris](#)
[HP](#)
[Intel](#)
[Lattice](#)
[Maxim](#)
[Microchip](#)
[Motorola Semiconductor Products Sector](#)
[National](#)
[Parallax](#)
[Philips](#)
[TI](#) (a good source for TTL data sheets)
[Xilinx](#)



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Last update: Oct 20, 1997