

# ZKit-51-RD2

## ZK-V51RD2-P1 - 8051 Development Kit

### Overview

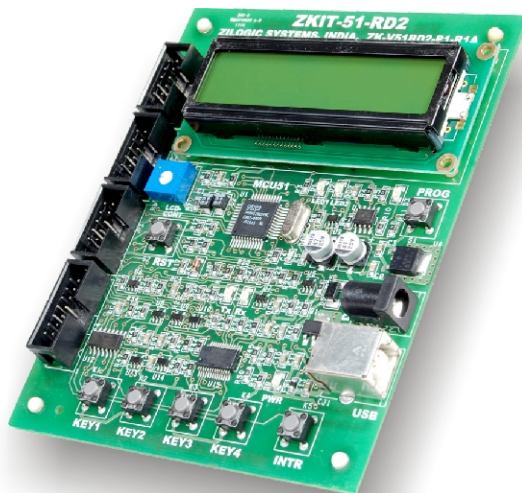
Zilogic Systems' ZKit-51-RD2, 8051 Microcontroller development kit is a full featured development kit for prototype development. The ZKit-51-RD2 provides maximum flexibility with the break-out header for IOs.

The ZKit-51-RD2 8051 Microcontroller development kit comes with Zilogic's **ZDev** library which provides a set of easy to use API interfaces for rapid embedded firmware development.

The ZKit-51-RD2, 8051 Microcontroller development kit provides the tools, engineers need to develop and prototype embedded applications right out of the box.

### ZKit-51-RD2 Advantages

- No external power supply required
- No Serial Port required
- No External Programmer required  
Need not to buy any costly software
- Works both in Linux & Windows



### Features

- NXP P89V51RD2 micro-controller with 64KB Flash and 1KB RAM
- 18.432MHz crystal
- 16x2 character LCD, with back-light
- LCD contrast control
- USB serial interface, for communication and program download
- Four button keypad
- Push button with hardware de-bounce (interrupt input)
- 2 debug LEDs

### Connectors

- 10 pin header for UART / I2C 10 pin header for SPI
- 10 pin header for PWM
- 14 pin header for Digital IO
- USB, type B connector
- 2.1mm power supply connector

### Ordering Information

Product Number	Description
ZK-V51RD2-P1-R1A	8051 Development Kit

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