

ZKit-51-V664

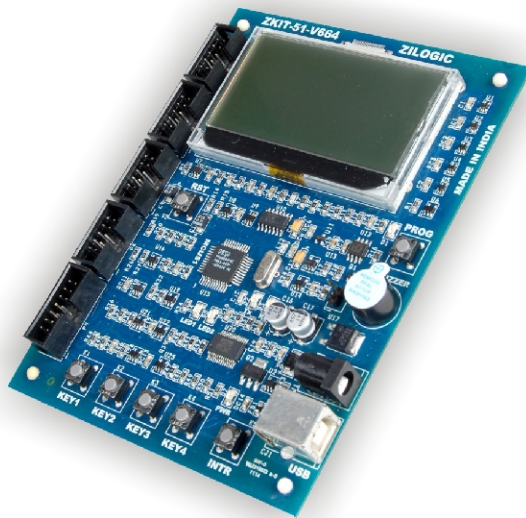
ZK-V664-P1 - 8051 Development Kit

Overview

Zilogic Systems' ZKit-51-V664 8051 Microcontroller development kit is a full featured development kit for prototype development.

The ZKit-51-V664 has maximum set of peripherals and provides maximum flexibility with the break-out header for IOs. The ZKit-51-V664 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 kit provides the tools engineers need to develop and prototype embedded applications right out of the box.



ZKit-51-V664 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
- Powerful and flexible library ZDev from Zilogic

Features

- NXP P89V664 micro-controller with 64KB Flash and 2KB RAM
- 18.432MHz crystal
- Auto selectable between USB or External power supply
- 128x64 Graphics LCD, with back-light
- USB serial interface, for communication and program download
- 4 Channel 10-Bit SPI ADC
- 12-Bit I2C DAC
- 2-Kb I2C EEPROM
- Piezoelectric buzzer
- 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
- 10 pin header for ADC/DAC
- 14 pin header for Digital IO
- USB, type B connector
- 2.1mm power supply connector

Ordering Information

| Product Number | Description |
|----------------|----------------------|
| ZK-V664-P1-R1C | 8051 Development Kit |

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