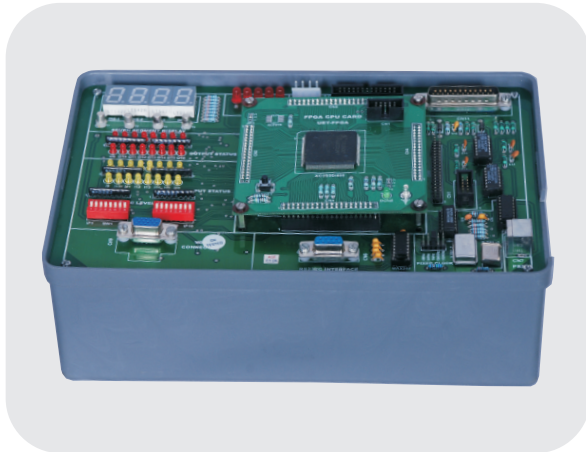


VLS-04 UNIVERSAL VLSI (FPGA/CPLD) KIT



VLS-04 is a FPGA/CPLD based VLSI Board for implementing various digital design for any Embedded applications.

Feature

- ◇ Supported Piggy Bag Modules:
 - › Piggy Bag XILINX XC9572 CPLD (optional)
 - › Piggy Bag XILINX XC95108 CPLD (optional)
 - › Piggy Bag XILINX SPARTAN XC3S50 FPGA (optional)
 - › Piggy Bag XILINX SPARTAN XC3S50 FPGA (optional)
- ◇ Indicators
 - › 16 input switch with LED indication to indicate logic low and logic high
 - › 16 LED for output indication.
- ◇ Onboard Interfaces
 - › 4 Digit Seven Segment Displays
 - › Ps2 Interface. (Optional)
 - › RS-232 Interface. (Optional)
 - › VGA Interface. (Optional)
- ◇ ISP Programmer for Piggy Bag Module
- ◇ Clock generator
 - › On-board 50MHz, 10MHz, 5MHz, 1MHz, 100KHz & 100Hz
- ◇ Power on Reset and configuration reset key
- ◇ Power selection : On-board of 5V, 3.3V, 2.5V, 1.5V & 1.2V.

- ◇ I/O expansions are provided through 26 pin FRC Connector for other application interface.
- ◇ All IC's are mounted on IC Sockets.
- ◇ Bare board Tested Glass Epoxy SMOBC PCB is used.
- ◇ In-Built Power Supply of +5V/1.5A, ±12V/250mA
- ◇ Attractive Wooden enclosures of Light weight Australian Pine Wood.
- ◇ User's Manual with 25 sample experimental programs.

OPTIONAL

- ✦ Piggy Bag XILINX XC9572 CPLD
- ✦ Piggy Bag XILINX XC95108 CPLD
- ✦ Piggy Bag XILINX SPARTAN XC3S50 FPGA
- ✦ Piggy Bag XILINX SPARTAN XC3S400 FPGA

Note : Specifications can be altered without notice in our constant efforts for improvement.