

**Product Name :**  
FPGA Trainer Kit

**Product Code :**  
NLAB-ELECTRONICSAB140001



**Description :**

FPGA Trainer Kit

**Technical Specification :**

FPGA Trainer Kit Lab Equipments Manufacturer, Suppliers & Exporters FPGA Trainer Kit, VLSI Lab Indian Exporters.

**FEATURES**

- It uses Xilinx Spartan XC2S50/XC2S100/XC2S200 FPGA with up to 50/100/200K system gates, and up to 200MHz clock speed.
- It communicates with computer through standard Webpack
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User can develop the circuit/ schematic using Xilinx standard Foundation Series Software and any development tool for VLSI design available in the world.

- It has various on-board interfaces :
1. 16x2 LCD module
  2. Six Seven Segment Displays
  3. Stepper Motor Controller Interface
  4. 8x8 LED Matrix Display
  5. EWSN Status LED's 12 Nos.
  6. ADC/DAC Interface
  7. RS-232 interface
  8. Parallel JTAG interface

- Four Data Switches
- Switch Array
- AT24C16 Serial EEPROM
- 4x4 Keyboard
- Power Indicator LED
- It has on board 89C51RD2 for development and processing of 51 family softwares.
- On board microcontroller with 64K flash, 1K RAM ISP with required software.
- It has I/O counter interface to enable it to connect various demo modules. This helps in man to machine interface.
- Has a general purpose areas on board to enable it to incorporate additional circuit.

## Naugralabequipments

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