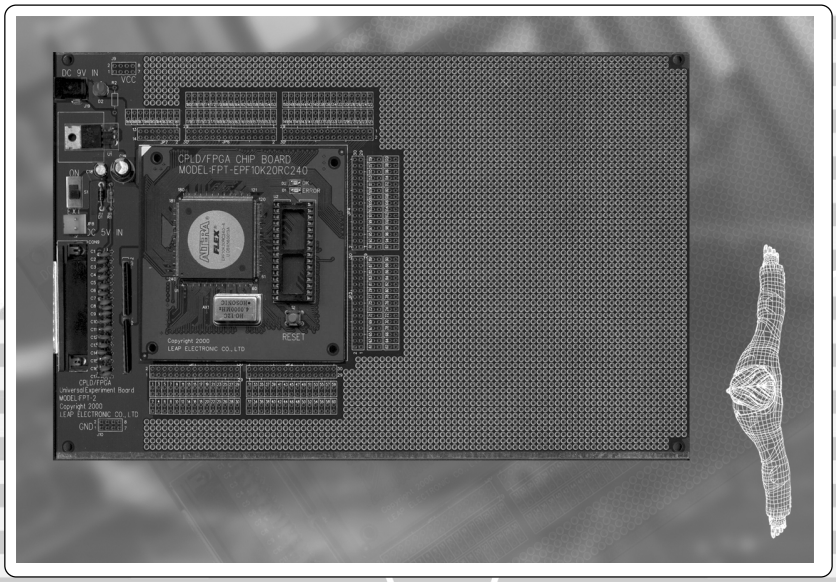
FPT-2 CPLD/FPGA LOGICAL CIRCUIT UNIVERSAL BOARD/CHIP BOARD



Brief Introduction

An Electronic Engineer Who owns CPLD /FPGA techniques.It's always waste a lot of money and time when you purchasing chips、 layout circuits、 etching boards and soldering chips with ALTERA or XILINX's brand .

It's more trouble using QFP pack-age with 144 pins,208 pins and 240 pins. Leap had designed one standard DIY universal breadboard for the convenient use of Engineers. It support most common use chips with two big brand name ALTERA and XILINX .Let you setup your own circuits easily and finished hardware structure samples quickly. Providing excellent hardware for the personal research and the matic Preparation. It is a powerful tool that you will not leave home without it.

Features

- Module design.
- User can choice the chip board modules.
- Expensive chip board can re-used.
- Saving time without soldering QFP package.

FPT-2 Universal Board Hardware Specifications

- Device List
  (1)ALTERA EPF10K10TC144(TQFP144 pins)
  FPT- EPF10K10TC144 。
  (2)ALTERA EPF10K20RC240(PQFP240 pins)
  FPT-EPE10K20RC240 。
  (3)XILINX XCS10TQ144(TQFP144 pins)
  FPT-XCS10TQ144 。
  (4)XILINX XCS20PQ208(PQFP208 pins)
  FPT-XCS20PQ208 。
- Provide DC 9V Adaptor or Extend Power Pin for user use.
  Specification : DC 5V.
- Provide power switch to switch from Power adaptor or Extend Power Pin.
- Red power guiding light.
- 25pin D Type Connector(Printer Port Download FPGA)
- Own Universal Experimental holes <Breadboard> It Provide user soldering circuits experiment.
- Support ALTERA MAX+Plus II Baseline and XILINX Foundation's development system.
- Use Graphic,VHDL,ABEL or AHDL to develop circuits.
- All I/O expanded using via connector.
- Use print port download development system from original manufacturer directly.
- Applicable for WIN 95/98/2000/NT.
  FPT-XCS20PQ208 。

Chip Board Specifications

- Four kinds of chip boards.
- Burn in design circuits program to EPROM (FLASH) and operate it independently.
- Support ALTERA and XILINX development system
- Guiding light shown download process had been "pass" or "fail"
- Reset key can reset FPGA/CPLD.
- Use Graphic 、 VHDL 、 ABEL and AHDL developing circuits..
- Applicable for WIN 9X/ME/2000/NT.
- Support DC 5V main power.

Optional Accessory

Chip board modules teaching materials available.