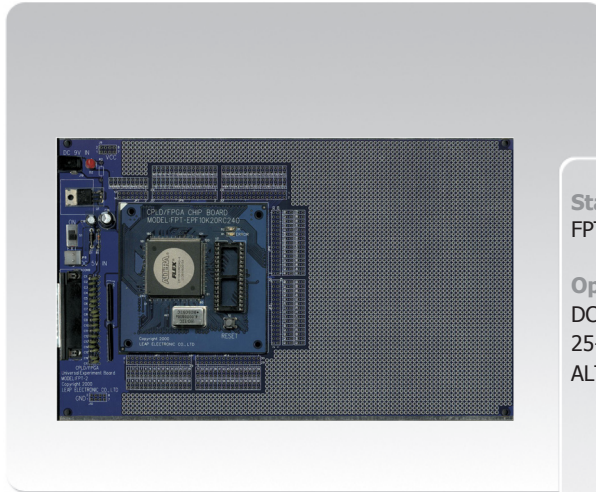


FPT-2

CPLD / FPGA Logic Circuit Universal Board / Chip Board

Introduction

Leap Electronic designs a whole set omnipotent bread board to support ALTERA and XILINX; therefore users can easily assemble the desired circuit designs. FPT-2 is most apt in assisting towards researches and experiments, also projects.



- Standard Accessories**
 FPT-2 Main board.....x1
- Optional Accessories**
 DC 9V/500mA power adaptor
 25-pin printer cable
 ALTERA/XILINX chipboard

Features

- After programming a finished file into EPROM (FLASH), it can operate independently.
- Support ALTERA and XILINX development system.
- Capable in using Circuit Graphic and digital hardware descriptive syntax (VHDL, ABEL, and AHDL) to develop circuits.
- Users can choose ALTERA or XILINX chipboard modules.
- Avoid the soldering issues between the circuits and cable lines.

Specification

Communication	Printer Port
Power	DC 9V/500mA
Dimension	20.5cm x 12.8cm x 2.5cm
Weight	500g
Operating Altitude	up to 5000m
Operating Humidity	90% (non-condensing)
Temperature	+5°C ~ +45°C

Chip board specification

Device Supported	Chip board model
ALTERA 1. EPF10K10TC144 (TQFP144 Pin)	ALTERA 1. FPT-EPF10K10TC144
2. EPF10K20RC240 (PQFP240 Pin)	2. FPT-EPF10K20RC240
XILINX 1. XCS10TQ144 (TQFP144 Pin)	XILINX 1. FPT-XCS10TQ144
2. XCS30TQ144 (TQFP144 Pin)	2. FPT-XCS30TQ144
3. XCS20PQ208 (PQFP208 Pin)	3. FPT-XCS20PQ208

PC System Requirement

Operating System Windows 98/2000/XP/Vista 32bits

FPT-2 Universal Board Specifications

- Provide DC 9V/500mA adaptor or Extend power Pin for user, and the specification is DC 5V.
- Attached with a power switch or Extend power indicator.
- 25pin D Type Connector (Download FPGA by printer port).
- Equipped with Breadboard and provide 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 can be expanded by connector.
- Download circuit by printer port from IC vendor's software.