

LP-3900 UNIVERSAL DIGITAL LOGIC DEVELOP SYSTEM

Features

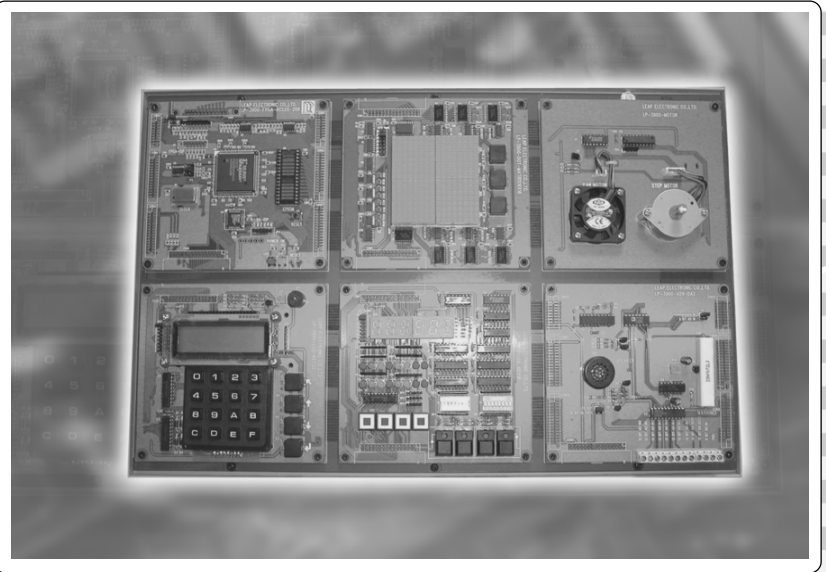
- Industrial module design, capable to perform with FPGA, DSP or MPU system, User Interface, I/O Extension Interface, Mechatronic Interface, Sensor, Universal board etc. It is suitable for teaching and commercial application.

Application.

- Capable to use circuit graphic and digital hardware descriptive syntax (VHDL/AHDL) to develop Circuit.
- Use over 20,000 gate's FPGA, capable to develop complicate application.
- Brick structure, you can combine with vertically or horizontally. You can design circuit of project or industrial control rapidly.
- Use printer port to download directly from vendor's development system.
- Burn CPLD/FPGA program into EPROM, develop system Can operate Stand-Alone.
- Capable to perform MPU and FPGA circuit test
- Support WIN95/98/ME/2000/NT system.

Module Specification

- System Board:
 1. LP-3900-FPGA-XCS20-208
 - *Use XILINX XCS-20-208
 - *Standard frequency 40M/20M/10M/5M Hz
- User Interface
 1. LP-3900-FPGA-XCS20-208
 - *Use 16X2 word type LCD(changeable with drawing type LCD)
 - *4 X 4 array keyboard
 - *Bottom X4
 - *Buzzer X1
 2. LP-3900-DOT-MATRIX 16X16
 - *Use 16X16 dual color point matrix LCD display
 - *Logic input bottom X3



3. LP-3900-LED-KEY16

- *6 digits 7 nodes monitor X1
- *5mm LED (red, yellow, Green) output X6
- *Logic input light bottom X4
- *Logic impulse input bottom X4
- *8 sets logic input switch X2
- I/O Extension Interface:
 1. LP-3900AD8-DA02
 - *8 sets 12 bits A/D input
 - *2 sets 10bits D/A output
 - *1 set temperature sensor input
 - *1 set speaker output
- Mechatronic Interface:
 1. LP-3900-MOTOR
 - *1 set motor
 - *Step motor position control
 - *Step motor speed control
 - *Step motor up and down speed control
 - *Electric current, voltage protect
 - *1 set DC Fan
 - *Fan motor position control
 - *Fan motor speed control
 - *Fan motor up and down speed control
 - *Position test control

● Universal board:

- *Standard LP-3900, including BUS connectors
- *User can develop their circuit
- LP3900 POWER STATION
 - *Has flat, spread structural, and suitable for basic teaching and topic applications:
 - *Output +5V3A, +12V1.0A, -12V0.2A, 35W
- LP3900-POWER-35W
 - *Use vertical structural, capable to design the circuit of project or industrial control.
 - *Output +5V3A, +12V1.0A, -12V0.2A, 35W

Electric Specification

- AC100-240V 50/60HZ input
- Print Port Download interface