

Integrated Environment for Study of Simulation, Synthesis, Back Annotation IP Core Design & Implementation, Verification & Validation System

Features:-

- JTAG based (IEEE 1149.2)
- IP Development and Online Verification and Validation
- Device vendor independent (currently with Xilinx)
- Simulator independent (works with ModelSIM, Matlab)
- Device density independent
- Functional and Real Time Verification
- Excellent tool for IP development, Verification & Validation
- Block box IP USING SIMULINK MODULE.



Specifications:-

SimuTAG:-

- Power Supply : External 230V AC – 7.5V DC Adaptor
- Interface : EPP – Parallel Port
- Operating System : WinX, XP
- Programming Cable : JTAG cable
- Tclk (min/ max) Frequency : 157 KHz/ 20 MHz

FPGA Devices:-

- *Supports Xilinx Virtex family upto V5 (*).
- *Supports Xilinx Spartan3 family (*).
- *Supports Xilinx Spartan2 family .
- * Provides on board LCD, Keypad
- * On – board Reset push button

- *Unlimited Reprogrammable support using JTAG Cable
- *Supports VHDL, Verilog , Mixed HDLs and MATLAB simulink module.
- *I/Os are brought out for experimentation with real world
- *RS – 232 communication port
- *Add-on board with 3 applications (GPIO, Traffic Light control, RTL).

Frequency Support:

- *16 MHz, Upgradable
- *Internal Frequency up to 150MHz

Applications:

- Excellent Reconfigurable platform for Research & Development to enable creation of Innovative IP (Intellectual Property), Development in the areas of * Computing * Controls * Communication

Target Segments:

- Industry
- Research – Defense / Aerospace / Telecom / Academics
- Technological Teaching – Learning process in Academia

Deliverables:-

- FPGA Kit (with different Device capacity according to requirement 50k, 200k or more).
- SimuTAG* Lite
- Programming cable (JTAG cable).
- Power supply 2 x 7.5V@1A.

(*) we have separate module for Spartan3 (5 million) and virtex family.

Contact us

VDESIGN TECHNOLOGIES

8, Second Cross Street, Perumalraja Garden, Reddiarpalayam,
Pondicherry -605 010, India.

Tel: +91- 413- 229 1305, Fax: +91- 413- 229 1306.

For Further Information

Visit us at: www.vdesign.in E-mail: contact@vdesign.in