

# SPARTAN FPGA Development Boards

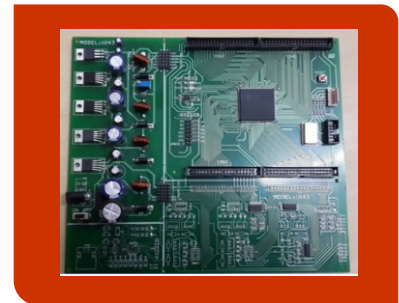
## Introduction

AT introduces a new series of Spartan FPGA boards.  
These boards are used for Industrial Application, research work & Projects.

## Specification

### Advance Spartan 3 Development Board

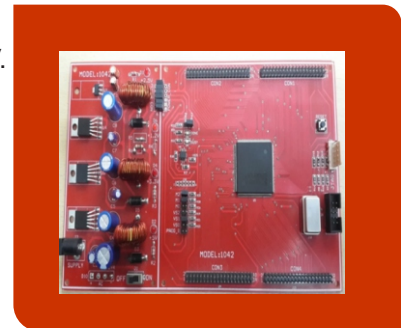
- Based on Xilinx Spartan 3E FPGA.
- On board SPI PROM for FPGA reconfiguration.
- On board power supply with +5V-3A, +3.3V-3A, +2.5V-0.8A, +1.2V-3A & -5V.
- On board 2 ADCs (Single channel, 8 bit, 32MSPS, 0-2V analog I/P) &
- 6 DACs (Single channel, 8 bit, 11MSPS, 0-5V analog O/P).
- On board UART for serial communication.
- On board Crystal oscillator.
- On board reset switch.
- FPGA programming status indicator LEDs.
- On board 6 pin standard JTAG connector for FPGA/PROM Programming.
- Programmable with USB and Parallel JTAG Cables.
- 48 I/O and 15 I/P available for user.
- 48 I/O and 15 I/P connected with ADC/DAC and can be used



### Basic Spartan 3 Development Board

## Specification

- Based on Xilinx Spartan 3E FPGA.
- On board SPI PROM for FPGA reconfiguration.
- On board power supply with +5V-3A, +3.3V-3A, +2.5V-0.8A, +1.2V-3A & -5V.
- On board Crystal oscillator.
- On board reset switch.
- FPGA programming status indicator LEDs.
- On board 6 pin standard JTAG connector for FPGA/PROM Programming.
- Programmable with USB and Parallel JTAG Cables.
- 48 I/O and 15 I/P available for user.



## Interfacing Module (compatible with These Board)

- LCD Display 16 X 2
- GSM Interface
- LCD Display 20 X 4
- RFID Interface
- 4 X 4 Matrix Keypad
- Blue tooth Interface
- ADC interface
- Xbee module Interface
- DAC Interface
- SD Card Interface
- Relay Buzzer
- VGA Monitor Interface



All The Technology You need

ISO 9001:2008  
Certified Company



ADVANCE TECH INDIA PVT. LTD

Website: [www.atechindia.com](http://www.atechindia.com). E-mail: [atechindia@gmail.com](mailto:atechindia@gmail.com)