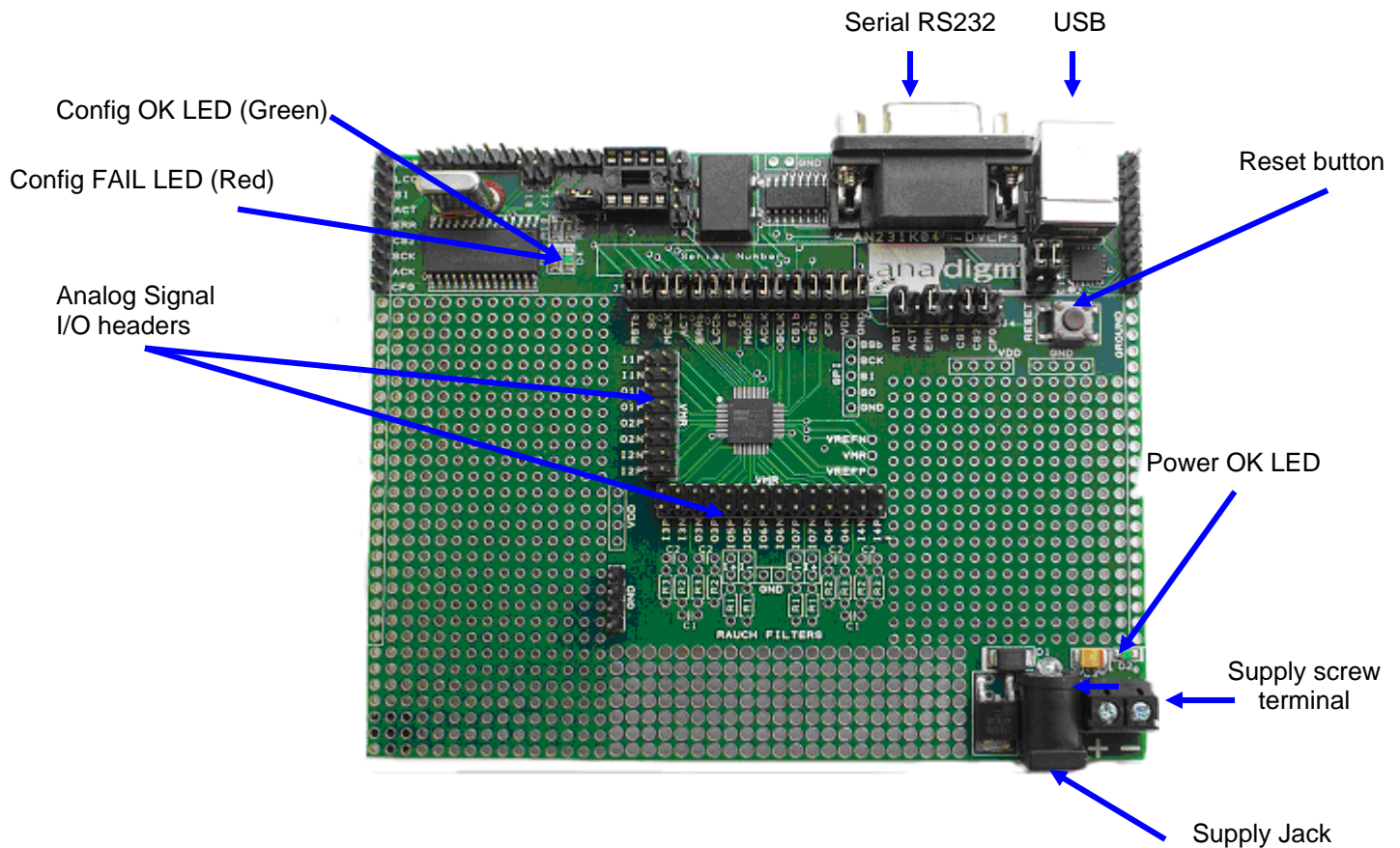


### KEY FEATURE LOCATIONS ON THE ANADIGMAPEX DEVELOPMENT BOARD



### STEP 1: CHECK THE CONTENTS OF YOUR KIT

- AnadigmApex Development Board
- Serial Interface Cable (RS-232)
- USB cable interface
- AnadigmApex Development Board Quick Start Guide
- A231D04E AnadigmApex Development Board User Manual
- AN231E04 Field Programmable Analog Array User Manual
- Software/Documentation CD-ROM

### STEP 2: SOFTWARE INSTALLATION

- If you do not already have Anadigmdesigner2 on your PC. Insert the software/documentation CD-ROM into your PC's CD-ROM drive. The software should automatically prompt you for installation. (Note: Anadigm's web site has the most up to date version of the software.)
- After you have installed the software, you will need to register your copy of the software with Anadigm® online at [http://www.anadigm.com/sup\\_downloadcenter.asp?tab=ad2](http://www.anadigm.com/sup_downloadcenter.asp?tab=ad2)
- For registration you will need first to create a MyAnadigm account, then follow the web site instructions to licence your software – (please use your real email address)
- Once you have registered online, a license ID and a license key will be e-mailed to you.
- Please enter these in the registration dialog box of the AnadigmDesigner@2 software.
- You are now ready to use the world's first FPAA design software!

For USB interface only – See Driver Installation instructions in the Bboard user guide.



## AnadigmApex Development Board (version 3) Quick Start Guide

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### STEP 3: CONNECT THE DEVELOPMENT BOARD

- OR
- Using the RS-232 serial interface cable, connect the development board to your PC's serial port
  - Use the USB cable and connect to an available USB port (***Install the driver first – see Users guide***)

Then

- Set the position of Jumper pair J15, set both to the upper position for RS232, lower for USB.
- Connect a suitable power supply to the evaluation board. The board is designed to accept the following types of connectors and supply voltages:

OR

1. Connect a regulated lab supply to the on-board 2-way screw terminal: negative post at 0volts, positive post between +4.5 V to +9 V

2. Use an AC wall converter (regulated) and connect into the supply jack, +4.5 V minimum, +12 V maximum. The center pole of the supply jack is positive. Anadigm recommends a +9v regulated supply be connected to the Jack socket.

*Note: Do not use the 2-way screw terminal and the AC wall supply jack concurrently.*

### STEP 4: APPLY POWER

- When the board is powered up properly, the Power OK LED will illuminate green.

### STEP 5: YOU ARE NOW READY TO USE YOUR AnadigmApex DEVELOPMENT BOARD

- Instantly Prototype - Configure the FPAA from AnadigmDesigner®2 with a suitable circuit.
- Analog signal connections are available at the Analog Signal I/O Headers.
- Refer to your AN231D04E AnadigmApex Development Board User Manual.

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