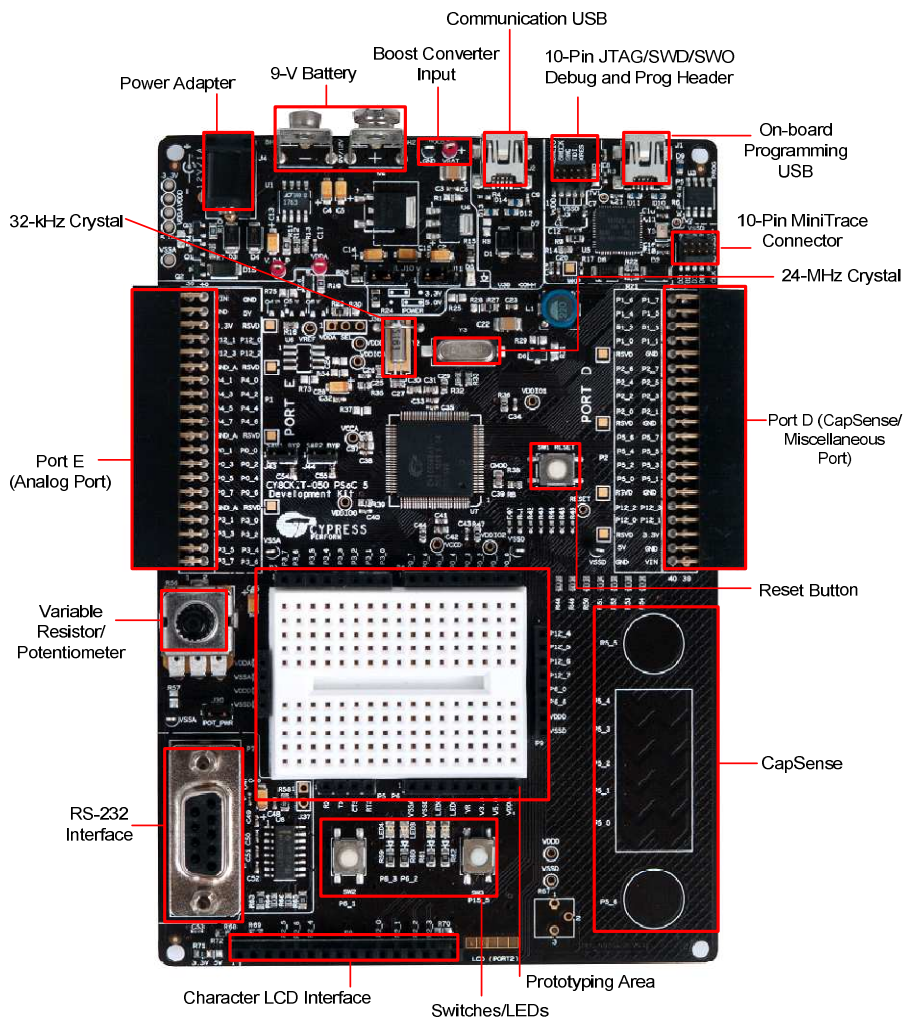


Figure 4-1. PSoC 5LP Development Kit Details



4.2 Functional Description

4.2.1 Power Supply

The power supply system on this board is versatile; input supply can be from the following sources:

- 9-V or 12-V wall wart supply using connector J4
- 9-V battery connector using connectors BH1 and BH2
- USB power from communications section using connector J2
- USB power from the onboard programming section using connector J1
- Power from JTAG/SWD programming interface using connector J3
- Power through boost convertor that uses the input test points VBAT and GND