



Part Number: APA-EVAL-KIT

The ProASIC^{PLUS} Starter Kit is a complete package that enables you to quickly evaluate Actel's ProASIC^{PLUS} family and prototype your design.

The ProASIC^{PLUS} Starter Kit contains everything you need to start using the advanced features of Actel's ProASIC^{PLUS} family including the capability for designs with 300 K gates using [Liberio IDE Gold](#).

Key Features:

- On-board voltage regulation
- Prototyping headers for component expansion
- Programming headers

Kit Contents:

The ProASIC^{PLUS} Starter Kit v3 includes the following:

- **Evaluation board with an [APA300-PQ208 ProASIC^{PLUS}](#) device**
- Clocks: Oscillator for system clock and manual clock option are provided
- Eight LEDs and four switches: Provide simple inputs and outputs to the system
- Programming headers: Support in-system programming (ISP) using [Silicon Sculptor II](#), [FlashPro Lite](#), or [FlashPro programmer](#)
- **FlashPro Lite programmer**
- Portable, ultra-small form factor, and low cost
- Power sourced from the target board
- Includes [FlashPro software](#), user's guide, and programming cable
- **Actel [Liberio IDE](#) software DVD**
- [Gold Edition](#) with free 1-year license
- Supports system-on-chip designs up to 300 K system gates with the ProASIC^{PLUS} Starter Kit
- Includes best-in-class FPGA tools from industry leaders
- Includes 45-day free evaluation
- **User's guide**
- **Power supply**
- **Printed Circuit Board (PCB) schematics**
- **Sample design**

