

# SparkFun Alchitry Io Element Board

Dev-16525

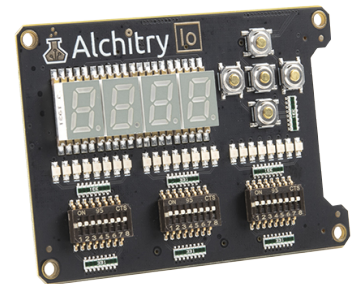
## Product Overview

05-13-2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

SparkFun Alchitry Io Element Board is designed to help beginners learn the basics of digital development through FPGA. The Alchitry Elements are expansion boards similar to shields for an Arduino or Hardware Attached on Top (HATs) for a Raspberry Pi, but are intended for Au and Cu FPGA Development Boards. This board is equipped with four connectors on the underside of the board that snap to an Au (Gold) or Cu (Copper) FPGA board.

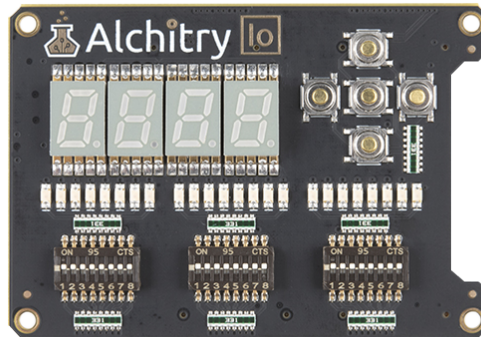


The Alchitry Io features four 7-segment LEDs, five momentary push buttons, 24 basic LEDs, and 24 DIP switches that all lend themselves to fantastic beginner tutorials that will explain the basics of FPGAs.

## Features

- 4x 7-segment LED digits
- 5x momentary push buttons
- 24x LEDs
- 24x DIP switches

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## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-alchitry-io-element-board/>