

# Blank Canvases

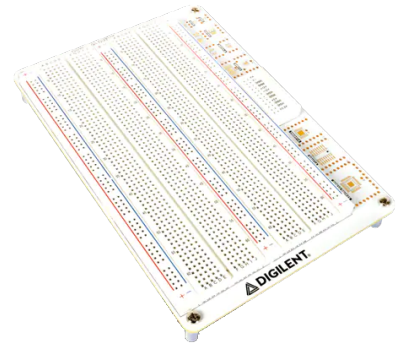
## Product Overview

08-08-2022

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## Description

Digilent Blank Canvases provide a protoboard-like interface for building and testing circuits of all kinds with the Analog Discovery multi-function instrument. This instrument conveniently integrates the power supplies and some common IC packages into the same Canvas. The protoboard is a common and useful interface for prototyping circuits with through-hole components that require a more permanent connection than a breadboard. The blank canvases provide a cost-effective replacement or addition to the breadboard canvas with the optional breadboard add-on option. Multiple blank canvases can be used to easily swap multiple designs or projects or provide an individual prototyping surface.



The blank canvases offer a prototyping surface for configuring two 630 tie-point breadboards for the Analog Discovery Studio and connections to the six power supplies. The connections to the power supplies are available as copper pads that can be soldered on directly, or the included power supply breadboard can be soldered on for a solderless connection.

## Kit Contents

- Blank Canvas:
  - Blank canvas
  - 2x12 power breadboard (not attached)
  - Plastic canvas case
- Blank Canvas with Breadboard:
  - Blank canvas
  - 2x12 power breadboard (not attached)
  - Plastic canvas case
  - Regular-sized breadboard with two power rails
  - Regular-sized breadboard with one power rail

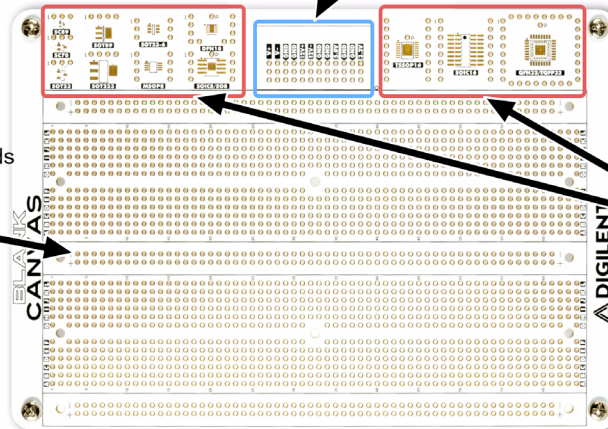
## Features

### Power Supply Terminals:

- $\pm 12V$ ,  $+5V$ , and  $+3.3V$  fixed power outputs
- $\pm 5V$  variable power outputs
- Ground reference pins

### Prototyping Surface:

- Wired as two regular-sized breadboards with three power rails



### SMT Breakouts:

- Breakouts for common IC packages

## Mouser Part Numbers

[View all Parts](#)

To learn more, visit <https://www.mouser.in/new/digilent/digilent-blank-canvas/>