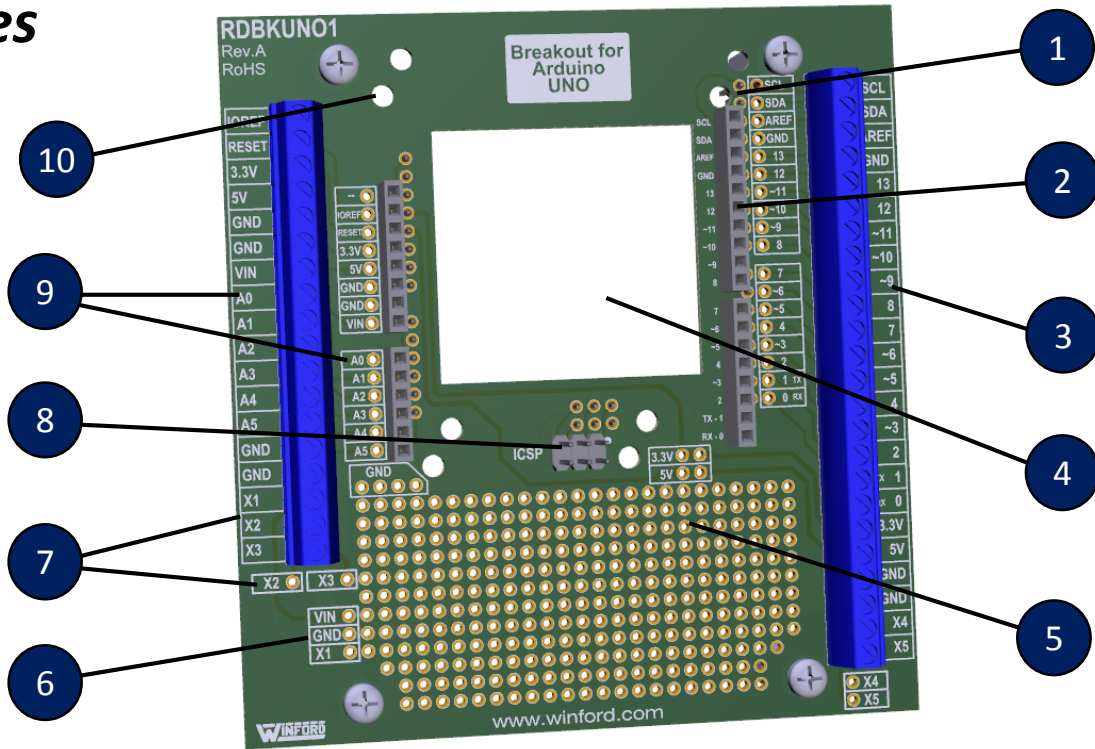## Overview

This product provides an easy, convenient way to use the Arduino UNO in a project. From making connections to the various signals to adding your own interface circuitry, a number of useful design features make the process easier. Simply plug in your Arduino UNO, and get started!

Key Features

1	Pin headers (bottom side) allow Arduino UNO to be inserted and removed as needed
2	Socket headers (top side) allow shields to be added and removed as needed
3	Pin numbers and alternate functions are clearly documented directly on the PCB
4	Mounting scheme and cutout provide access to reset switch and LEDs
5	Prototype area includes clearly-marked pads tied to 3.3V, 5V, and GND
6	Pad group allows user to add a DC-DC converter for operation at higher supply voltages*
7	Access external signals at proto area using extra terminal block positions (X1, X2, X3, X4, X5)
8	ICSP header access is provided
9	Signals are accessible at terminal blocks and plated thru-hole pads
10	Holes allow locking PCB supports to be used (optional) to ensure boards do not loosen over time

*See the app note on the product page at www.winford.com/arduino for more information on this useful feature.

Additional Features

- High-quality rising cage clamp terminal blocks provide consistent performance over time

- Signal labels are clearly shown on both front and back of PCB to aid in connecting and prototyping

- Design ensures no signals will short-circuit to Arduino USB connector housing

- Form factor: 3.8" x 4.0"

- Assembled at Winford Engineering manufacturing facility in Michigan, USA

- For DIN rail mounting, standoff spacing allows product to be easily attached to DIN plate **DINP01-4040B** (available separately, not included)
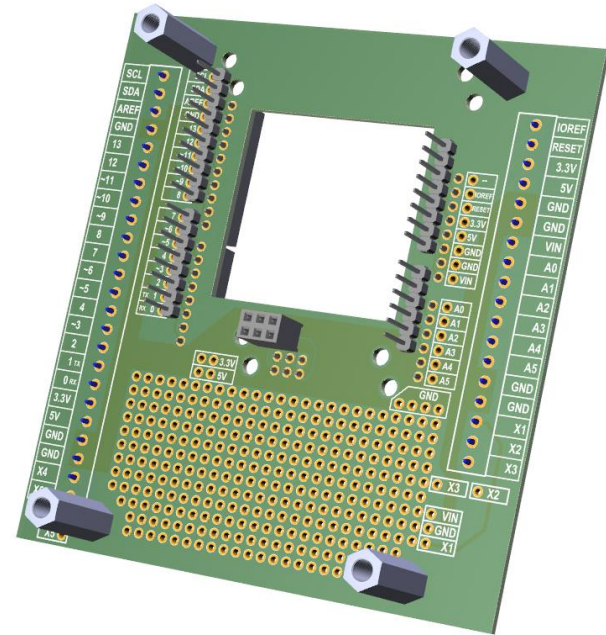
Back Side
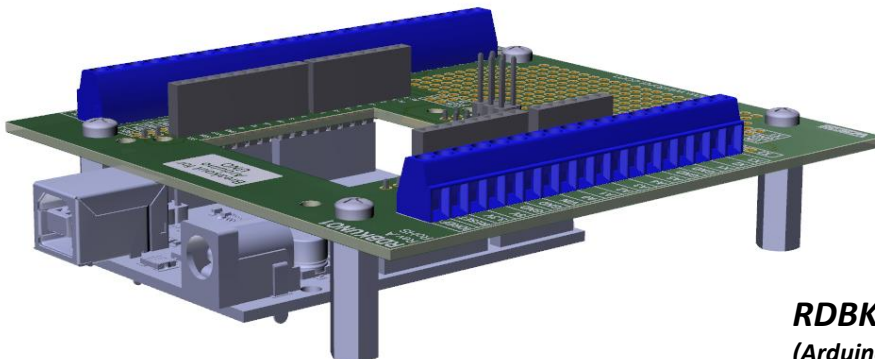
RDBKUNO1 with Arduino UNO
(Arduino UNO not included)