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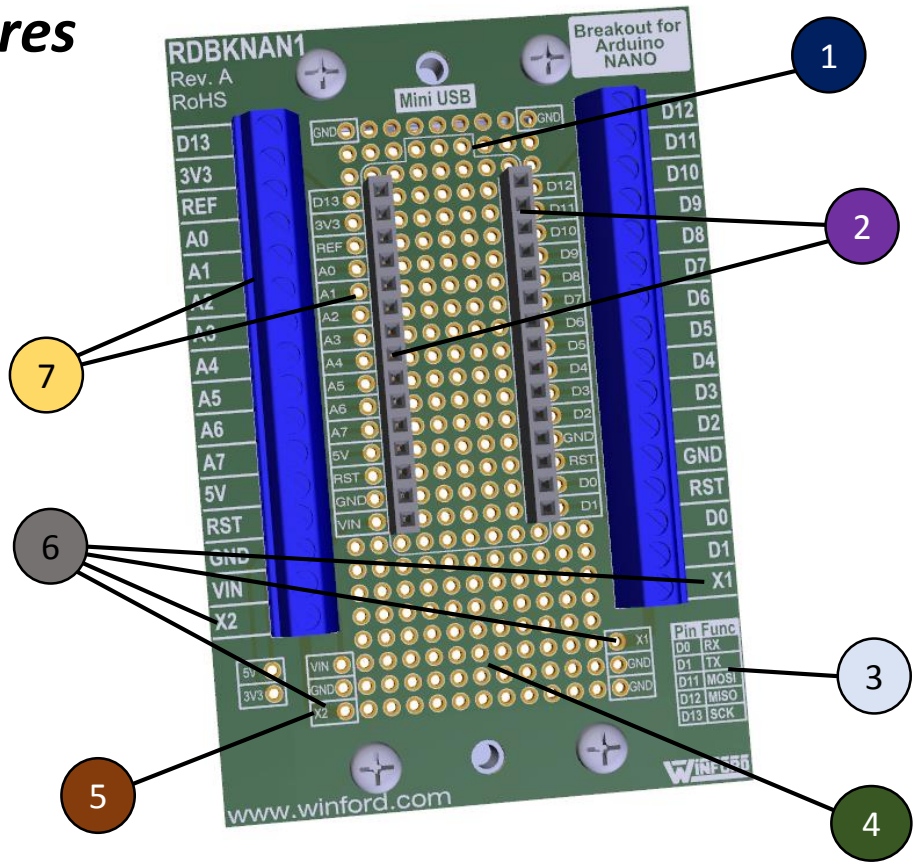
This product provides an easy, convenient way to use the Arduino NANO in a project. From making connections to the various signals to adding your own interface circuitry, a number of useful design features make the process easier. Simply plug in your Arduino NANO, and get started!

Key Features

1	Outline of Arduino NANO is shown to ensure proper insertion orientation
2	Socket headers allow Arduino NANO to be inserted and removed as needed
3	Alternate pin functions are clearly documented directly on the PCB
4	Prototype area includes clearly-marked pads tied to 3.3V, 5V, and GND
5	Pad group allows user to add a DC-DC converter for operation at higher supply voltages*
6	Access external signals at proto area using two extra terminal block positions (X1, X2)
7	NANO Signals are accessible at terminal blocks and plated thru-hole pads

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

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Additional Features

- High-quality rising cage clamp terminal blocks provide consistent performance over time, accepting 16-26 AWG wire

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

- Mounting Options:
    DIN clips or rubber feet

- Small form factor: 3.4" x 2.3"

- Assembled at Winford Engineering manufacturing facility in Michigan, USA
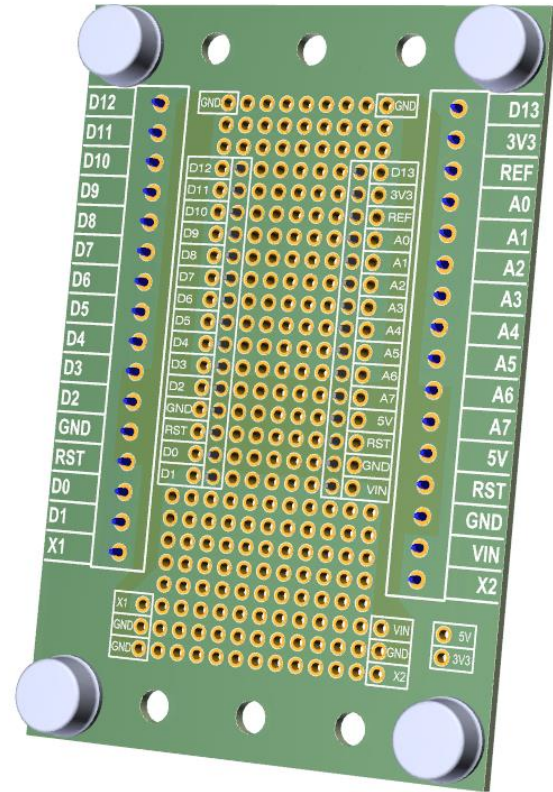
Back Side, with rubber feet mounting option shown

Signal Connection Details

The signal connections are clearly marked on the product. In addition, please note the following:
- All ground connections (GND) on the RDBKNAN1 are electrically connected together (with or without a NANO module plugged in).
- There are two signals dedicated to Reset (RST). Without a NANO plugged in, these signals are not connected. With a NANO plugged in, these signals are connected (thru the NANO).
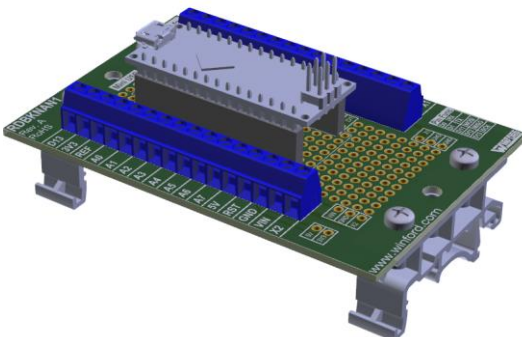
RDBKNAN1 with Arduino NANO, DIN clip mounting option
(Arduino NANO not included)