

RDBKMIC1 Overview

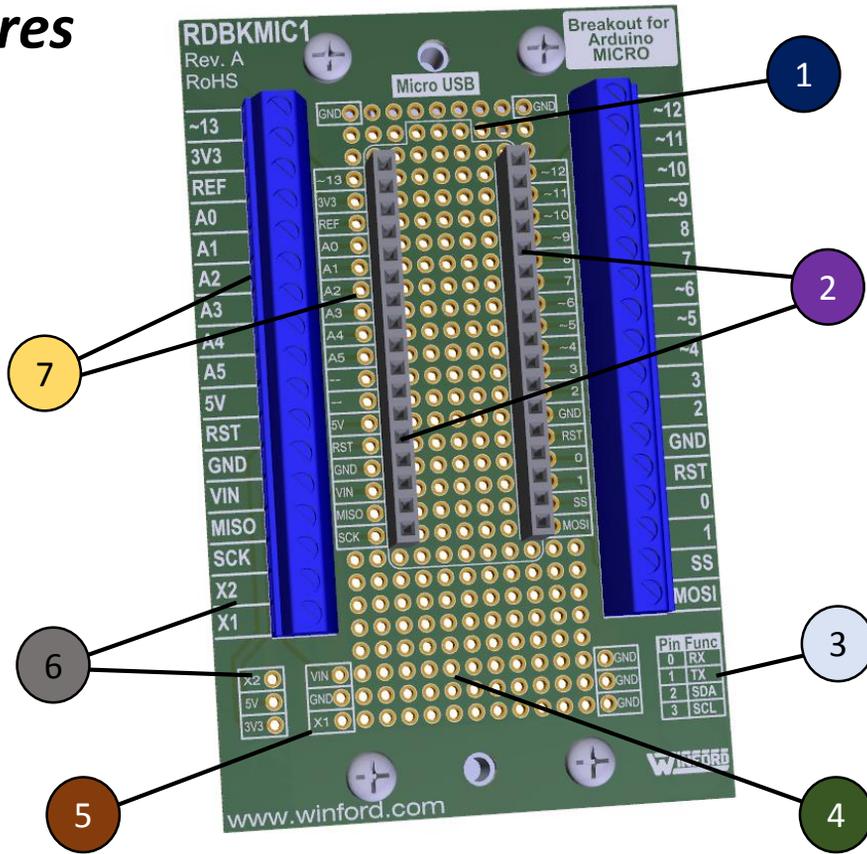


Breakout for Arduino MICRO

Overview

This product provides an easy, convenient way to use the Arduino MICRO 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 MICRO, and get started!

Key Features



1	Outline of Arduino MICRO is shown to ensure proper insertion orientation
2	Socket headers allow Arduino MICRO 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	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.

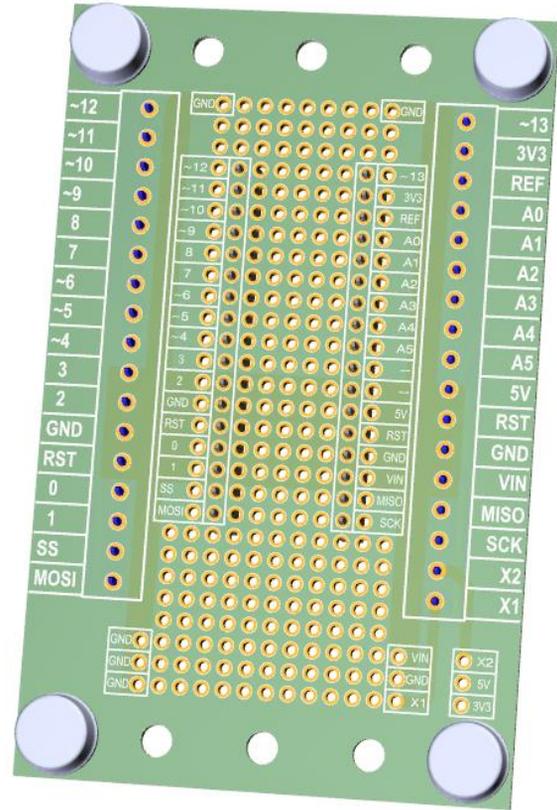
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Additional Features

- High-quality rising cage clamp terminal blocks provide consistent performance over time, accepting 16-26 AWG wire
- Signal labels are clearly shown on both front and back of PCB to aid in connecting and prototyping
- Mounting Options:
 - DIN clips or rubber feet
- Small form factor: 3.6" x 2.3"
- Assembled at Winford Engineering manufacturing facility in Michigan, USA

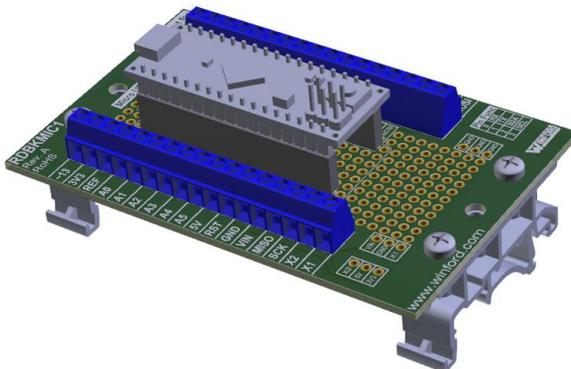


Back Side, with rubber feet mounting option shown

Signal Connection Details

The signal connections are clearly marked on the product. In addition, please note the following:

- All ground connections (GND) on the RDBKMIC1 are electrically connected together (with or without a MICRO module plugged in).
- There are two signals dedicated to Reset (RST). Without a MICRO plugged in, these signals are not connected. With a MICRO plugged in, these signals are connected (thru the MICRO).



RDBKMIC1 with Arduino MICRO, DIN clip mounting option (Arduino MICRO not included)