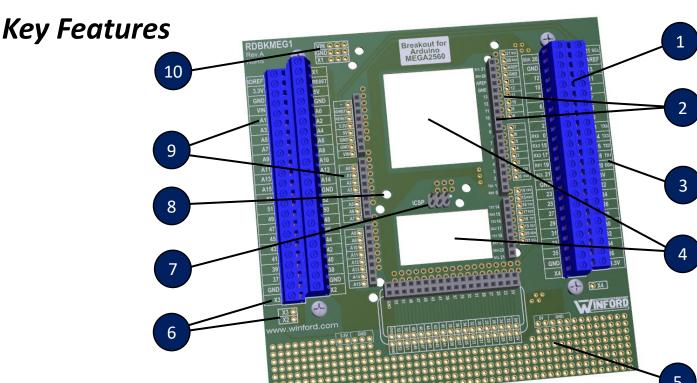
RDBKMEG1 Overview

Breakout for Arduino MEGA2560



Overview

This product provides an easy, convenient way to use the Arduino MEGA2560 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 MEGA2560, and get started!



1	Double-decker terminal blocks yield a compact design
2	Pin headers (bottom side) allow Arduino MEGA2560 to be inserted and removed as needed 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 cutouts provide access to reset switch and LEDs
5	Prototype area includes clearly-marked pads tied to 3.3V, 5V, and GND
6	Access external signals at proto area using extra terminal block positions (X1, X2, X3, X4)
7	ICSP header access is provided
8	Holes allow PCB supports to be used (optional) to ensure boards do not loosen over time
9	Signals are accessible at terminal blocks and plated thru-hole pads
10	Pad group allows user to add a DC-DC converter for operation at higher supply voltages*

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

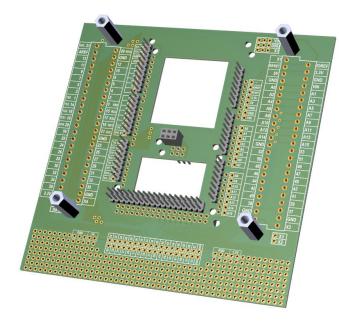
RDBKMEG1 Overview

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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 shield
- Form factor: 5.0" x 5.0"
- 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)
- May be used with Arduino DUE, but some pin numbers / functions are different



Back Side

