

# RDBKMEG1 Overview

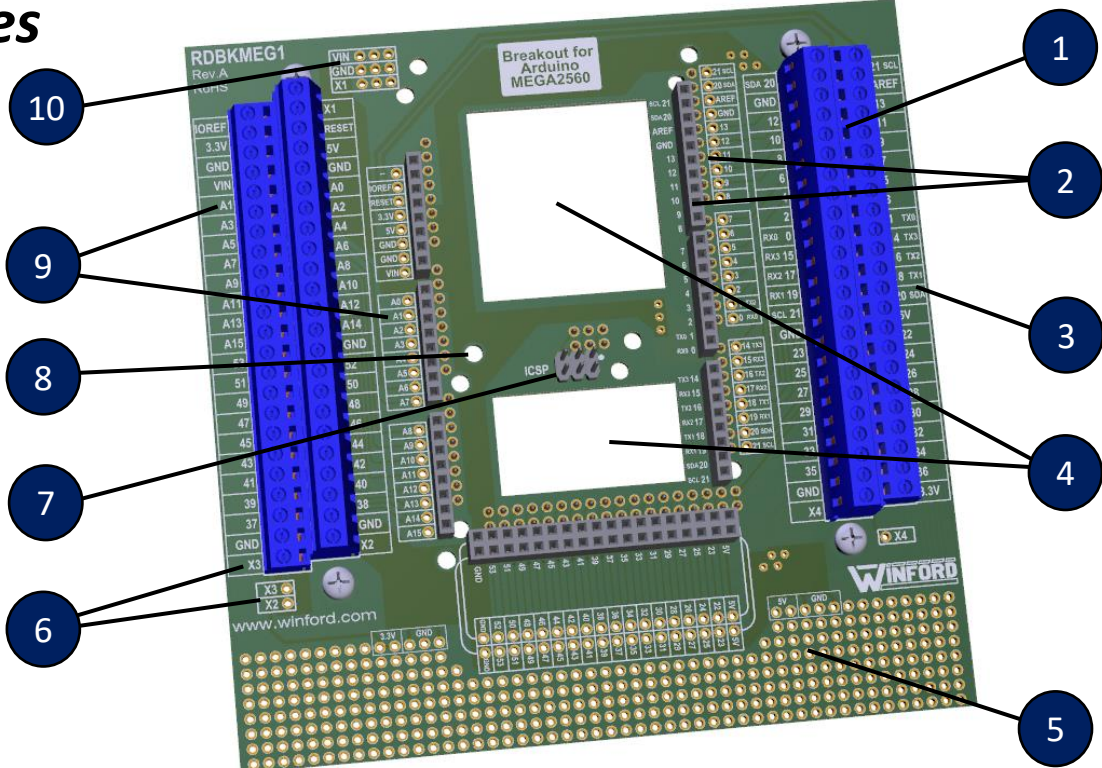


## Breakout for Arduino MEGA2560

### 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!

### Key Features



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](http://www.winford.com/arduino) for more information on this useful feature.

