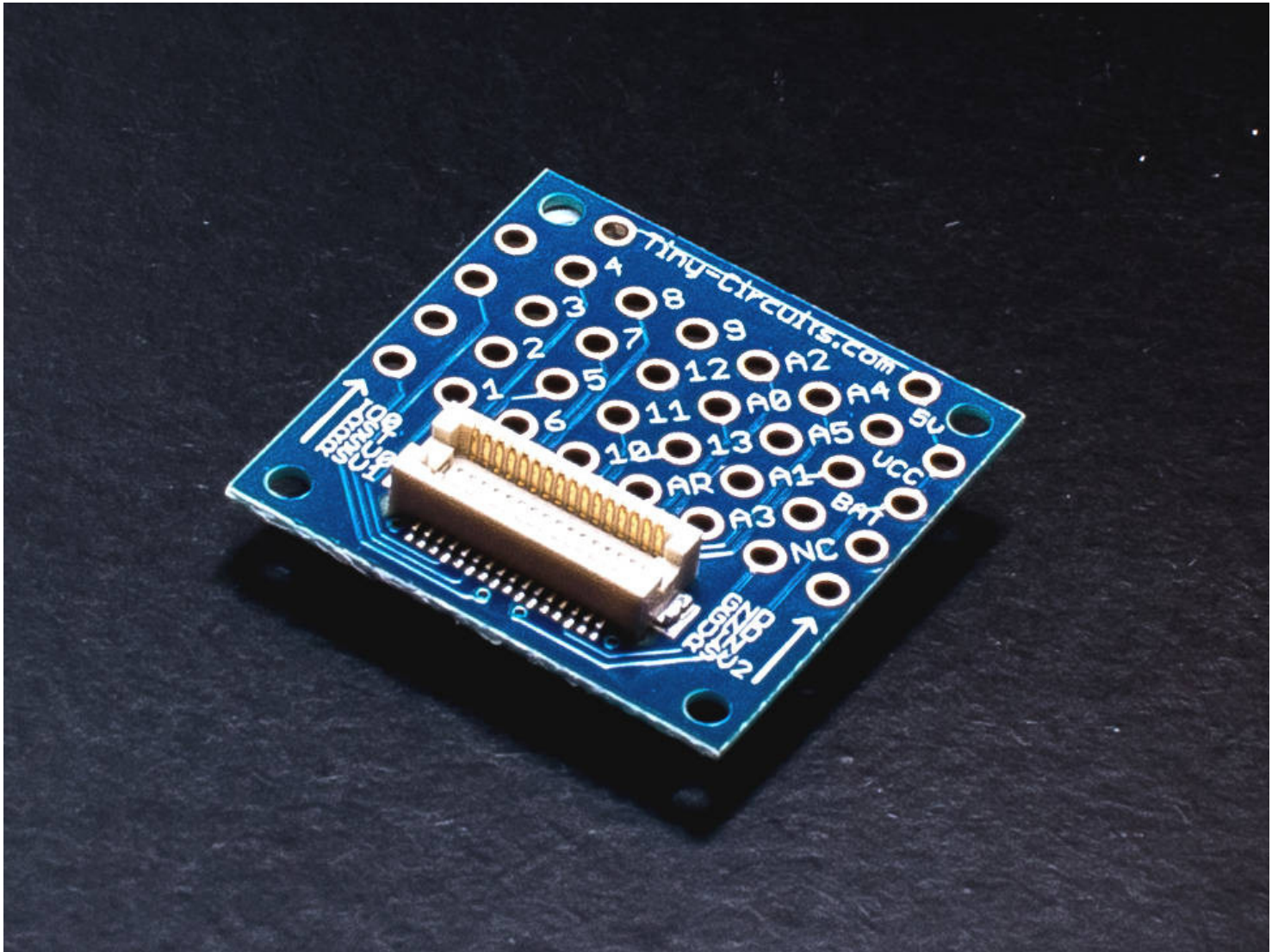# Proto Board TinyShield - ASD2009-R

🔵 **tinycircuits.com**/collections/proto-boards/products/proto-board-tinyshield

DESCRIPTION

This proto board brings all of the TinyShield signals out to a point that you can solder to. All of the signals are marked and are spaced with 0.1″ spacing (same spacing as on the standard Arduino Uno), so a standard 0.1″ header can be used if desired.

This proto board can be ordered with or without a **top stackable connector**. By default, a top connector is not needed since the standard method is to use this proto board as the top board in a TinyDuino stack for the easiest access to the signals. However, when this board is ordered with the top stackable connector, it can be an inner layer of the TinyDuino stack (which can be useful in some projects).

Note: This TinyShield replaces all of the older style Proto1, Proto2 and Proto3 boards, which have been discontinued.

*To learn more about the **TinyDuino Platform,** click* **here**

TECHNICAL DETAILS

Pins Supported

- All Shield signals supported

- VCC, VBATT,+3V3, +5V, VIN, GND, RSV2, RSV1, RSV0, RESET, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, SS, MOSI, MISO, SCK, AREF, A0, A1, A2, A3, A4/SDA, A5/SDL

Dimensions

- 20mm x 20mm (.787 inches x .787 inches)
- Max Height (No Top Connector): (from lower bottom TinyShield Connector to upper PCB level): 2.81mm (0.111 inches)
- Max Height (With Top Connector): (from lower bottom TinyShield Connector to upper PCB level): 5.11mm (0.201 inches)
- Weight (No Top Connector): 0.70 grams
- Weight (With Top Connector): 0.85 grams

Notes

- When using soldered wires, take care not to allow this to short out to boards above or below in the stack (ie, some pins could short out to the USB connector if the wires are long). If needed, use tape to insulate the solder connections.